U.S.Department
of Transportation
Federal Highway Administration

South Carolina

April 17, 2013

1835 Assembly Street, Suite 1270
Columbia, South Carolina 29201
803-765-5411
803-253-3989

In Reply Refer To:
HDA-SC

Mr. Randy Williamson
Environmental Engineer
South Carolina Department of Transportation (SCDOT)
955 Park Street, P.O. Box 191
Columbia, South Carolina 29202

Dear Mr. Williamson:

The Federal Highway Administration (FHWA) has reviewed the Environmental Assessment (EA) for the Proposed Interstate 26 and Port Access Road Interchange Project in Charleston County, South Carolina and finds that it adequately addresses the potential impacts of the proposal. Based on the analysis provided in the EA and supporting documents we have determined that an Environmental Impact Statement (EIS) is not required. The EA is approved and acceptable for public availability and comment. The EA shall be made available for public review for a minimum of thirty (30) days before FHWA makes its final determination. The public availability shall be announced by a notice similar to a public hearing notice. Also, please provide Notice of Availability of the EA to the affected units of government, and to the State intergovernmental review contacts as specified in 23 CFR 771.119(d).

All project commitments documented in the EA are mandatory and the SCDOT will need to ensure that they are ultimately carried out. The public hearing may be scheduled fifteen (15) days after the document is made available for public review. Enclosed is a copy of the signed document. Please address any questions you may have concerning this project to Mr. J. Shane Belcher at 803-253-3187 or jeffrey.belcher@dot.gov.

Sincerely,

J. Shane Belcher

(for) Robert L. Lee
Division Administrator

Enclosure

cc: Mr. Chad Long, SCDOT NEPA Project Manager RPG 1
Mr. David Kinard, SCDOT Program Manager (electronic copy)
File 10.037345A

ENVIRONMENTAL ASSESSMENT
Interstate 26 and Port Access Road Interchange Project
Charleston County, South Carolina

PIN 37345
Project No. GEN8
File No. 10.037345A

Submitted Pursuant to 42 U.S.C. 4332 (2)(c)
by the
U.S. Department of Transportation,
Federal Highway Administration
and
S.C. Department of Transportation,
Environmental Management Office

April 15, 2013
Date of Approval

S.C. Department of Transportation

APRIL 17, 2013
Date of Approval

Federal Highway Administration

The following individuals may be contacted for additional information concerning the project:

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Program Manager
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955 Park Street, Room 401
Columbia, S.C. 29202
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Environmental Commitments

- All relocations were and will be conducted in accordance with the *Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970*, as amended. Relocation resources will be available to all relocatees without discrimination. (Page 67)

- Pursuant to the commitments made in the Record of Decision (ROD) for the Proposed Marine Container Terminal project, a noise barrier will be built as part of compensatory mitigation for residences in the Rosemont neighborhood. (Page 57)

- SCDOT will inform local planning officials of future, generalized noise levels expected to occur in the project vicinity by the year 2035 after the FHWA has made a final decision on the EA. (Page 57)

- Best Management Practices (BMPs) in accordance with local, state, and federal guidelines will be incorporated during the design and construction of the project to minimize impacts to water quality. (Page 78)

- Stormwater control measures, both during construction and post-construction, are required for SCDOT projects constructed in the vicinity of 303(d), TMDL, ORW, tidal, and other sensitive waters in accordance with the SCDOT's MS4 permit. (Page 31)

- Erosion control measures reflecting policies contained in 23 CFR 650B and the South Carolina Department of Transportation's (SCDOT's) 2007 Standard Specifications for Highway Construction Manual will be taken. (Page 78)

- Dust control will be the responsibility of the contractor and may include the following (Page 77):
    - Minimizing exposed earth surface
    - Temporary and permanent seeding and mulching
    - Watering work and haul areas during dry periods
    - Covering, shielding, or stabilizing material stockpiles
    - Using covered haul trucks

- Contractors will be required to comply with Occupational Safety and Health Administration (OSHA) regulations concerning noise attenuation devices on construction equipment. Construction activities could be limited during the evening, weekends, and holidays. Storage and staging areas would be located as far from noise sensitive areas as practicable. (Page 77)

- Construction will be performed to comply with all federal, state, and local laws governing safety, health, and sanitation. Procedures would apply all safeguards, safety devices, protective equipment, and any other action reasonably necessary to protect the life and health of employees on the job, the safety of the public, and the property in connection with the performance of the work. The following items would be utilized, where necessary, to maintain public safety and the flow of traffic (Page 78):
    - Constructing and maintaining temporary detours, temporary structures, temporary approaches, crossings, and intersections with streets and roads, as well as using aggregates for the maintenance of traffic and water for use as a dust palliative.

  - Furnishing flaggers, pilot trucks, and drivers.
  - Furnishing, erecting, and maintaining warning devices such as signs, auxiliary barriers, channelizing devices, hazard warning lights, barricades, flares, and reflective markers. If a street must be closed to traffic, traffic control devices would be illuminated during hours of darkness.

- If the roadways must be closed during periods of time during construction, a temporary detour route will be established to accommodate traffic. The detour route would be signed using state primary and secondary routes; no residential streets would be signed as detour routes. (Page 78)

- All construction waste material generated during clearing, grubbing, and other construction phases will be removed from the project site and burned or disposed of by the contractor in accordance with state and local regulations. (Page 77)

- It is SCDOT's practice to avoid the acquisition of underground storage tanks and other hazardous materials, if possible. If avoidance is not a viable alternative, tanks and other hazardous materials will be tested and removed and/or treated in accordance with the USEPA and SCDHEC requirements. Cost of necessary remedial actions would be considered during the right of way appraisal and acquisition process. (Page 59)

- If any cultural resources (artifacts/human remains) are encountered during the construction phase of the project, the South Carolina State Historic Preservation Office (SHPO) will be immediately notified and all work in the vicinity of the discovered materials and site work shall cease until SCDOT is otherwise directed. (Page 62)

- The Phase II progress should be continued to be tracked throughout project development and the report be made available as part of the construction documents. Should previously unknown contamination be discovered as the project moves forward, the contamination (contaminated soil and/or groundwater within the right of way) would be removed and properly disposed of prior to the initiation of construction activities at that site. (Page 59)

- The SCDOT and SCSPA will complete safety improvements, such as the installation of gates, lights, and signage at four railroad crossings in the community, as well as provide streetscaping for Stromboli Avenue, Spruill Avenue, and Meeting Street between Naval Base Road and Pittsburgh Avenue. (Page 77)

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1 INTRODUCTION

This document, together with its appendices and technical reports incorporated by reference, constitutes an Environmental Assessment (EA) and is prepared in accordance with the National Environmental Policy Act (NEPA) of 1969 as amended; the Council on Environmental Quality regulations implementing NEPA (40 CFR 1500-1508); the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU); and, the Federal Highway Administration (FHWA) environmental impact and related procedures (23 CFR 771). Separate technical reports addressing noise, hazardous materials, natural resources and cultural resources have been prepared and are appended to this document by reference.

The project, as proposed, would result in certain modifications to the human and natural environment. However, the SCDOT has not identified any significant impacts that would occur and therefore, the project meets the criteria under 23 CFR 771.115(c) for processing as an Environmental Assessment. Specific preliminary environmental studies conducted in the early stages of project development and understandings of the scope of work to be performed were considered in this decision.

The planning process for the South Carolina State Ports Authority (SCSPA) proposed marine container terminal ended in 2007 when a Final Environmental Impact Statement (FEIS) was signed and a Record of Decision (ROD) was issued for development of a container terminal at the old Navy Base in North Charleston, with a controlled-access 4-lane roadway connecting to I-26 with a new directional T-interchange in lieu of the current Exit 218 ramps. This is now an adopted project in the region's land use and transportation plan, and is slated for implementation by year 2020.

The proposed interchange project was evaluated in the Port EIS study as Alternative 1D and was ultimately selected as the Preferred Build Alternative. Alternative 1D was determined to be the most feasible option for meeting the purpose and need of the project after considering numerous site locations, modal options, roadway alignments, interchange designs and local roadway improvements. The project is currently referred to as the Navy Base Terminal (NBT) and the access road to I-26 is referred to as the Port Access Road.

This Environmental Assessment will document the modifications to the human and natural environment within the study area of the Port Access Road Interchange with I-26, also known as Alternative 1D evaluated in the Port EIS. The previous studies completed for the SCSPA's Proposed Marine Container Terminal (now referred to as the NBT) at the Charleston Naval Complex FEIS, including the Access Road Feasibility Study (ARFS), and the I-26/Naval Base Terminal Access Road Interchange: Interchange Modification Report will be incorporated into this document where possible.

1.1 Project Setting

The Charleston region is accessed via I-26, which is an east-west freeway (but physically more northwest-southeast) connecting to I-95 corridor and Columbia to the west. The region is also served by a loop freeway – I-526 (Mark Clark Expressway) connecting Mt. Pleasant to the east and West Ashley to the west. The proposed Port Access Road interchange is located in the City of North Charleston, Charleston County, South Carolina, in the industrial "Neck" area near the old Charleston Navy Base. The proposed project is a new freeway interchange on I-26, located south of the existing Meeting Street ramps (Exit 217).

The proposed interchange project will remove the existing Spruill Avenue ramps (Exit 218) and build a new full movement directional T-interchange connecting to the new Port Access Road. The new Port Access Road will connect to the NBT that is currently under construction by the SCSPA on the west banks of the Cooper River at the old Navy Base. [1] Figure 1 illustrates the project location.

1.2 Project History

The planning for a new marine terminal began in 1999 when the SCSPA applied to the U.S. Army Corps of Engineers (USACE) and the South Carolina Department of Health and Environmental Control (SCDHEC) for a permit to construct a marine cargo terminal on its property on Daniel Island in Charleston, South Carolina. The SCSPA prepared a Draft Environmental Impact Statement (DEIS) to support their Daniel Island site permit application. During the public hearing on the DEIS, the project faced strong public opposition. Consequently, the SCSPA withdrew its permit application in 2001.

Recognizing the need for the SCSPA to expand its facilities in support of its mission, the South Carolina General Assembly approved a Joint Resolution in 2002, requiring the SCSPA to begin environmental impact studies and other required actions to obtain a permit for a new terminal facility on the West Bank of the Cooper River on the former Navy Base site. This resulted in the EIS for the Proposed Marine Container Terminal at the Charleston Naval Complex (CNC) (now referred to as the NBT). In addition to a new terminal, the EIS included the planning and engineering work for an access road to the new terminal, which was prepared as part of the ARFS.

Several access options from I-26 to the NBT were evaluated in 2005/2006 as part of the ARFS. The ARFS first considered an option of building no new access roads and using the existing roadways and interchanges to serve the new terminal. Because of the impacts identified to local roads and interchanges, the ARFS then identified several alternatives of building a new direct access road to connect the terminal with the I-26. The ARFS selected a Locally Preferred Alternative (LPA) for the new direct access road to the proposed terminal with a new interchange configuration with I-26 to minimize community impacts and for the terminal to function efficiently in the build-out based on detailed alternatives analysis and environmental impact assessment. This LPA is referred to as the Port Access Road - Alternative 1D in the FEIS, see Figure 2.

A FEIS was signed in 2006 and a ROD issued by USACE on the Navy Base Terminal and the Port Access Road alignment was reached in 2007. Phase 1 of the Navy Base Terminal is currently under construction is scheduled for completion in 2018.[2]

[1] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.3.

[2] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.6.

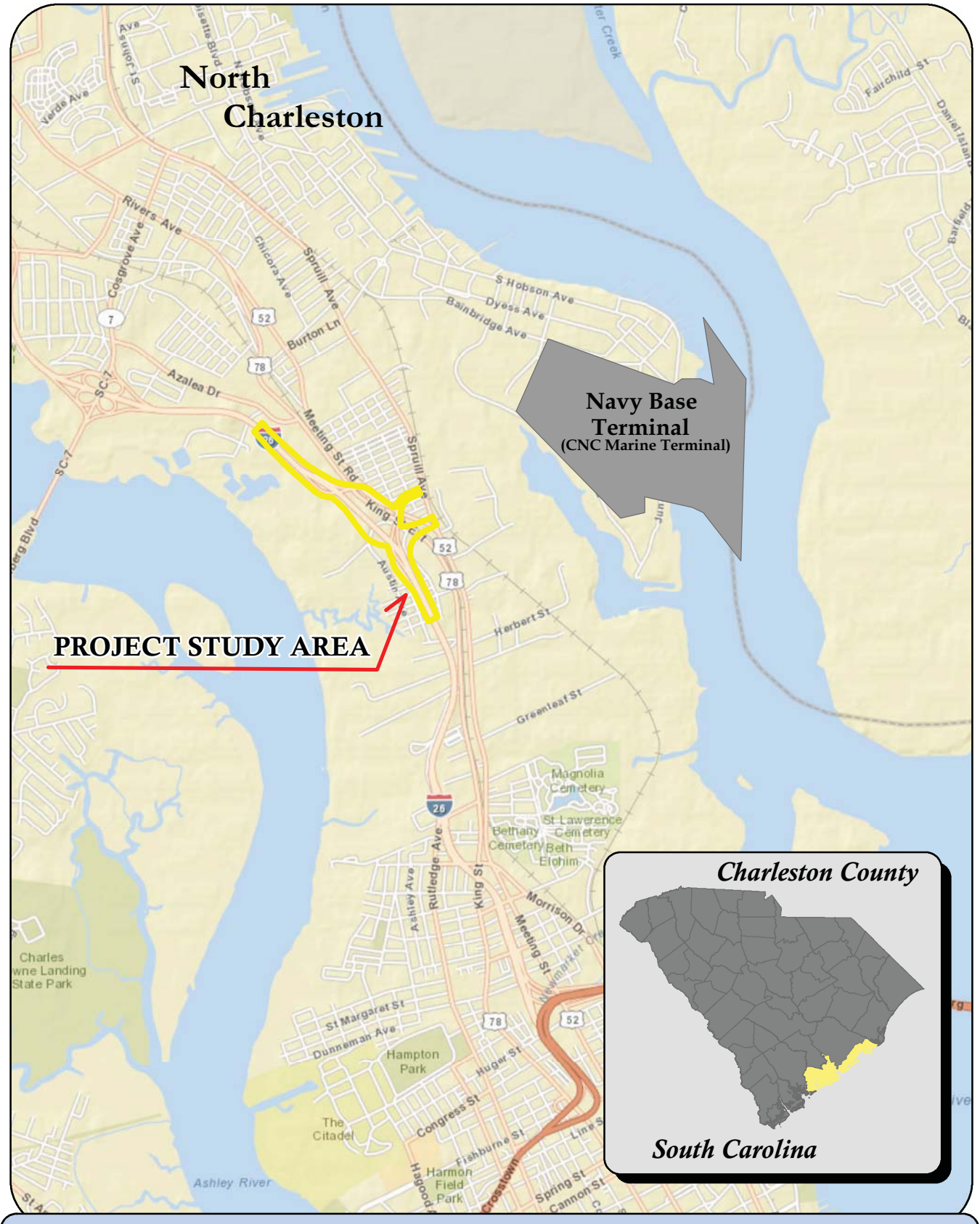
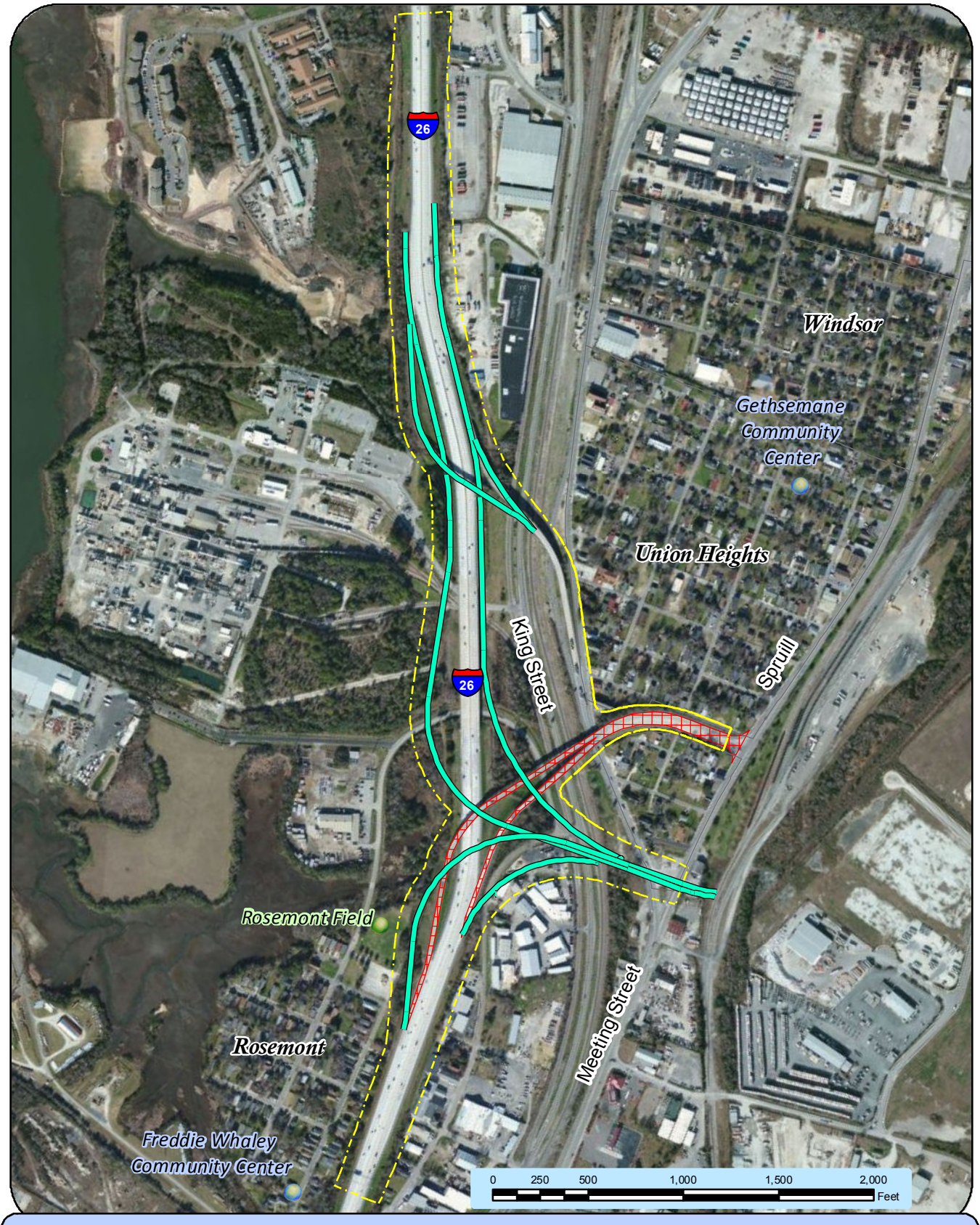


Figure 1

PROJECT AREA

N



Study Area Boundary

Proposed Ramps

Ramps to be removed

Figure 2

Port Access Road Alternative 1D

PORT ACCESS ROAD INTERCHANGE AT I-26

Environmental Assessment

Because the proposed project involved modifications to the Interstate System, an Interchange Modification Report (IMR) is needed to obtain approval from the Federal Highway Administration (FHWA). A Draft IMR was completed for this project by SCDOT in May 2012. The focus of the IMR study is on the I-26 Interstate highway corridor and the Naval Base Terminal Access Road Interchange. It should be noted that this IMR study area is a subset of the broader study area that was analyzed during the Port's EIS study in terms of geographic and modal coverage. The additional focus of the IMR Study is on Interstate traffic operations including the proposed new interchange with Port Access Road. The Draft IMR and this Environmental Assessment (EA) use updated traffic information as compared to what was presented in the EIS for the Proposed Marine Container Terminal at the Charleston Naval Complex (CNC) (now referred to as the NBT).

This EA is being conducted to enable the Federal Highway Administration to make a decision on the IMR (including the updated traffic information) that was completed in May 2012 by SCDOT and on the Naval Base Terminal Access Road Interchange modification as it is proposed to tie into the Port Access Road and the Interstate system.

1.3 Existing Facility

Interstate 26 is a 6-lane urban freeway within the study area with concrete median barrier separating the eastbound and westbound lanes. There are currently two interchanges in the study area:

North Meeting Street (US 52) Interchange (Exit 217) is a 2-legged Semi-Directional interchange serving only westbound traffic on North Meeting Street wishing to travel west on I-26 and eastbound traffic on I-26 wishing to travel east on North Meeting Street. In the current interchange area, North Meeting Street is a divided highway with a flyover ramp contained within the median. Westbound traffic on North Meeting Street traveling to I-26 west is directed onto the flyover ramp which crosses eastbound North Meeting Street, a railroad track, King Street Extension (US-78), and then a second railroad track before forming a tapered entrance ramp onto I-26 Westbound. Eastbound traffic on I-26 traveling to eastbound North Meeting Street exits I-26 on a tapered exit ramp which passes over I-26 before joining the North Meeting Street flyover and eventually forming a new travel lane on eastbound Meeting Street.

Spruill Avenue Interchange (Exit 218) is a 2-legged Semi-Directional interchange serving only traffic on Spruill Avenue wishing to travel west on I-26 and westbound traffic on I-26 wishing to travel to Spruill Avenue. Westbound traffic on I-26 traveling to Spruill Avenue currently exits I-26 on a parallel exit ramp which forms a flyover which crosses Austin Avenue, a railroad track, King Street Extension (US-78), a second railroad track, and North Meeting Street before terminating with an at-grade intersection on Spruill Avenue. Traffic on Spruill Avenue traveling to I-26 east currently enters the flyover ramp at the at-grade intersection on Spruill Avenue which then splits from traffic traveling to Spruill, passes over I-26, and then forms a parallel entrance ramp on I-26 east.

2 PURPOSE AND NEED

2.1 Project Purpose and Need

The purpose of the proposed interchange is to provide a direct connection between the Port Access Road and the Interstate System, while maintaining adequate service for local, commuter, and commercial traffic.

The purpose of the Port Access Road is to provide a direct connection between the NBT and I-26 with a controlled-access facility and a new interchange that can serve as the main access roadway for employee and truck traffic to and from I-26.[3] This connection would eliminate the need for Port traffic to use existing local roads or existing I-26 interchanges, which are already congested due to local and regional traffic generated within the Charleston region.

The Port Access Road is expected to improve mobility of the Port-generated traffic and improve traffic safety along local roads by diverting freight traffic away from local streets and away from interchanges at Cosgrove Avenue and Dorchester Road.[4]

2.2 Project Need

As cited from the environmental documentation for the CNC Marine Terminal (now referred to as the NBT), the proposed interchange with I-26 and the Port Access Road is needed because, "assuming that the container terminal is constructed on the CNC site, direct access to the interstate system would be necessary to minimize community impacts for the terminal to function efficiently in the build-out year of 2025."[5]

A Memorandum of Understanding and Agreement (MOU) executed between the SCSPA and the City of North Charleston addresses certain transportation and infrastructure issues including the need for rail and road access for the CNC Marine Terminal to operate effectively and efficiently.[6] Both parties agreed that adequate highway access would need to be in place before the CNC Marine Terminal began operations, including *"a truck access road leading directly from the Port Facility Area to I-26..."*[7] which would address two primary objectives:

- *"to provide efficient transport of container cargo and*
- *to reduce traffic impacts to residential neighborhoods, roadway arterials, and critical intersections within the… traffic study area."*[8]

To address the transportation needs identified in the MOU, alternatives for a proposed port access road and interchange at I-26 were evaluated based on the following criteria:

- *"Ability to provide direct access to the Interstate System;*
- *Ability to maintain adequate service along the local road system;*
- *Ability to safely integrate terminal traffic with existing traffic…. "*[9]

[3] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.10.

[4] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.11.

[5] Access Road Feasibility Study for the Proposed Alternative of the CNC Marine Terminal EIS, May 2006, p. 2.

[6] Appendix N: Mitigation Plan, p. 6. of the USACE Final Environmental Impact Statement, Proposed Marine Container Terminal at the Charleston Naval Complex, December 2006.

[7] Appendix B: Memorandum of Understanding and Agreement between SCSPA and the City of North Charleston, page 6-7. of the USACE Final Environmental Impact Statement, Proposed Marine Container Terminal at the Charleston Naval Complex, December 2006.

[8] Appendix V: Summary of Other Access Roadway Alternatives, p. 1.of the USACE Final Environmental Impact Statement, Proposed Marine Container Terminal at the Charleston Naval Complex, December 2006.

2.3 Existing Roadway Network

The existing I-26 interchanges and local street network in the study area cannot accommodate the traffic demand associated with the NBT. The existing transportation network within the study area has a north-south orientation with a limited number of east-west roads. The east-west traffic movements are further constrained due to the presence of multiple railroad tracks that cross through the study area.

Primary north-south arterials include:

- US 78 (King Street / King Street Extension);
- US 52 (Meeting Street / Carner Avenue / Rivers Avenue); and
- Spruill Avenue (S-10-32).

East-west roads in the study area are:

- SC 7 (Sam Rittenberg Boulevard / Cosgrove Avenue); and
- SC 642 (Dorchester Road).

Railroad tracks that cross through the study area:

- CSX King Street Extension Line, which runs parallel to King Street Extension on the west side;
- Norfolk-Southern (NS) Line, which runs parallel to King Street Extension on the east side;
- CSX 5 Mile Track ROW, which runs parallel to King Street Extension on the east side of the NS line;
- CSX Cooper Yard, which runs parallel to Spruill Avenue on the east side, north of Meeting Street;
- Cherry Hill Lane Connector, which runs parallel to Cherry Hill Lane, and crosses Meeting Street; and
- Seaboard Main, which is out of service, located south of Greenleaf Road and east of the Magnolia Cemetery.

The existing road network does not provide a direct freeway connection to the NBT. The only existing access point to the NBT site is along Bainbridge Avenue, a local roadway. Port traffic accessing the NBT from I-26 East would either have to use the existing Cosgrove Avenue interchange and travel via Cosgrove Avenue, Spruill Avenue, Viaduct Road and Bainbridge Avenue, or use the Meeting Street interchange and travel via Meeting Street, Spruill Avenue, Viaduct Road and Bainbridge Avenue. Port traffic accessing the NBT from I-26 West would have to use the existing Spruill Avenue interchange and travel via Spruill Avenue, Viaduct Road and Bainbridge Avenue. All of these access routes require significantly longer travel distance and travel time, and higher number of turning movements at intersections where turning geometry are constrained for commercial vehicles. The updated traffic analysis also shows that the existing I-26 interchanges have limited reserve capacity. Therefore, the updated traffic analysis confirms that the existing roadway network is inadequate to accommodate the design year (2035) NBT traffic demand.[10] For more information about the updated traffic analysis, please see Appendix B.

Reserve Capacity – the difference between the capacity of an interchange and the anticipated traffic demand

[9] Ibid, p.2.

[10] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.63-65.

Using existing roads, Port-related truck traffic accessing the NBT will need to mix with local traffic, and thereby cause queuing at intersections. The mixing of Port-related truck traffic with local traffic was deemed unsafe as there are several residential neighborhoods along the existing routes. These residential neighborhoods in the study area included the following:

- Windsor
- Union Heights
- Rosemont

These communities are historically African American and Environmental Justice (EJ) communities with declining housing and economic conditions. Additional truck traffic from the NBT on local roads were deemed a major impact on these EJ neighborhoods as these communities are seeking revitalization through new residential, retail, commercial, office and park developments[11].

2.4 Funding Sources

The Port Access Road and the new interchange with I-26 is part of the Berkeley-Charleston-Dorchester region's transportation plan. It is currently included in the Berkeley-Charleston-Dorchester Council of Government's (BCDCOG)'s Charleston Area Transportation Study (CHATS) Transportation Improvement Program (TIP) FY 2010-2015, as a SAFETEA-LU Earmark Project (SAFETEA-LU #4872).[12]

The Navy Base Terminal and the Port Access Road are important freight mobility elements of the BCDCOG's 2035 CHATS Long Range Transportation Plan (LRTP). The Port Access Road project supports the LRTP goal to provide efficient, safe, and secure freight transportation facilities to ensure the region's future economic stability.[13]

The Port Access Road is currently included in the South Carolina Statewide Transportation Improvement Program (STIP)[14], which is the State's six-year transportation improvement program for all projects or program areas receiving federal funding. The STIP covers all federally funded improvements for which funding has been approved and that are expected to be undertaken during the upcoming six-year period.[15]

3 ALTERNATIVES

3.1 Alternatives Considered But Eliminated

The development of design alternatives was an iterative process that involved detailed engineering, planning, and environmental analysis as well as extensive public and stakeholder inputs. All alternatives went through extensive review and comment by stakeholders, refinement and revision. The alternatives

[11] LAMC Area Revitalization Plan, Final Plan, April 16, 2010, Low Country Alliance for Model Communities.

[12] Transportation Improvement Program, CHATS MPO, FY 2010-2015, June 8, 2009, last amended January 30, 1012.

[13] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.71.

[14] STIP, District 6, Charleston County, Revision 29, February 16, 2012.

[15] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.71.

screening process is documented in Appendix M of the Port EIS (Summary of the Alternatives Screening Process).[16]

> *The 3-legged terminal interchange at each of the Feasible Alternatives [for the Port Access Road] would accommodate all movements to and from the proposed marine container terminal. The interchange types considered for this study include either a "Trumpet" type or a "Semi-Directional Tee" type due to several considerations, including:*
>
> - *A 4-legged interchange type along I-26 is not a requirement to accommodate the necessary vehicular movements for the build conditions associated with the new port facility.*
> - *A "Diamond" type interchange design was eliminated early in the study process due to existing site conditions and the requirements to provide vertical clearance above other arterial routes and railroad corridors in this urban corridor.*
> - *A "Fully-Directional Tee" type interchange could be considered in future design states of this project, but has not been considered as part of this study.*[17]

During the Port EIS study, numerous geometric designs and alternate alignments were considered for the proposed interchange with I-26, see Table 1 for a summary of the alternatives evaluated. The evaluation process is documented in detail in the Appendix W of the Port EIS (Access Road Feasibility Study and Supplemental Report).[18]

The Transportation Systems Management (TSM) alternative was deemed as inadequate to fulfill the project's purpose and need as a stand-along alternative.[19] Other alternatives such as HOV or HOT lane and ramp metering were deemed infeasible based on studies conducted by the SCDOT.[20]

[16] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.65.

[17] Ibid, p.15.

[18] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.66.

[19] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.68.

[20] Analysis of the I-26 Corridor for the Introduction of HOV/HOT Lanes, Berkeley – Charleston – Dorchester Region, Prepared by SCDOT Office of Planning, November, 2008.

Table 1:
Build Alternatives Evaluated but Dismissed in the Port EIS

Alt. #	Alternative Description	Evaluation Results & Decisions
A	New high design speed access road (1.1 mile) parallel to Pittsburg Avenue and connecting to I-26 with a new interchange just south of current Exit 218 and replacing the ramps at Exits 217 and 218	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 1a. The DEIS further refined Alternative 1a. In addition, a derivative Alternative 1c was developed with an alternate interchange design. Alternative 1c was selected as the best alternative during the DEIS. The Alternative 1c was further refined into Alternative 1d during the FEIS, which was selected as the Preferred Build Alternative.
B	Similar to Alternative A, with the exception of the curved alignment to avoid crossing the Copper Yard property.	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 1b and further refined.
C	Similar to Alternative A, with the exception of roadway alignment and interchange location. The roadway alignment has been pushed to the north parallel to the Spruill Avenue ramps. The new interchange was placed in between the current Exits 217 and 218.	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 2 and further refined.
D	Similar to Alternative A, with the exception of roadway alignment and interchange location. The roadway alignment has been pushed to further north parallel to Boxwood Avenue. The new interchange was placed in near Exit 217.	Community Impacts deemed a fatal flaw. Dropped from further consideration.
E	Similar to Alternative A, with the exception of roadway alignment and interchange location. The roadway alignment has been pushed to further north parallel to Stromboli Avenue. The new interchange was placed north of Exit 217.	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 3 and further refined.
F1	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-26 interchange at SC 7. The alternative assumed minor interchange improvement at SC 7.	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.
F2	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-26 interchange at Dorchester Road via Cosgrove Avenue. The alternative assumed minor interchange improvement at Dorchester Road.	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.
G	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526 interchange at Rivers Avenue. The alternative assumed minor interchange improvement at Rivers Avenue.	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.
H	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526 interchange at Rhett Avenue. The alternative assumed minor interchange improvement at Rhett Avenue.	Community and Environmental Impacts deemed as fatal flaws. Dropped from further consideration.
I1	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526 interchange at Rhett Avenue via North Carolina Avenue, Noisette Boulevard, Virginia Avenue, and a new connector road parallel to the railroad tracks. The alternative assumed minor interchange improvement at Rhett Avenue.	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.

Alt. #	Alternative Description	Evaluation Results & Decisions
I2	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526 interchange at Virginia Avenue via North Carolina Avenue, Noisette Boulevard, and Virginia Avenue. The alternative assumed minor interchange improvement at Virginia Avenue.	Environmental Impacts surrounding a full movement interchange deemed a fatal flaw. Dropped from further consideration.

Source: Parsons Brinkerhoff, I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report, prepared for SCDOT, May 2012, p.67.

3.2 No-Build Alternative

With the No-Build alternative, interchange modifications or improvements would be made within the project area. The No-Build alternative was eliminated because it does not meet the transportation goals of the State of South Carolina or the transportation needs of the region. Also, by failing to provide solutions to high traffic volumes in the area, connectivity to other traffic corridors, and increased safety, this alternative does not satisfy the purpose and need for this project. The No-Build alternative does, however, provide a basis for comparing the benefits and adverse impacts of the alternatives.

3.3 Preferred Alternative

The Port EIS study determined that Alternative 1D was the best alternative for meeting the purpose and need of the project and it was designated as the Preferred Alternative.[21] See Figure 3.

The Preferred Alternative is a 'Semi-Directional Tee' interchange at the location of the existing Exit 218. The new interchange will provide full access to and from westbound and eastbound I-26 to the Port Access Road. Existing Exit 218 (Spruill Avenue) will be removed to accommodate the new interchange (the new interchange will reconstruct Exit 218 and access to both I-26 and Spruill Avenue will be maintained). Existing Exit 217 (Meeting Street) will be reconstructed however, the location and configuration of this interchange will generally be the same and the connection point to Meeting Street will remain at the current location.[22] All interchange ramps have a design speed of 45 mph (i.e. posted speed of 35 mph).

The functional design of the new I-26 interchange includes collector-distributor roads between Exit 217 and Exit 218, which allows a single, combined merge point with westbound I-26 for both Port Access Road and Meeting Street traffic. Similarly, there is a single exit point for eastbound traffic for both Meeting Street and Port Access Road.
The existing partial Spruill Avenue interchange (Exit 218) that only serves traffic movements to and from Charleston will need to be demolished to accommodate the new full-movement Port Access Road interchange. To accommodate the traffic movements from the eliminated Spruill Avenue ramps, the new Port Access Road design provides a new half-diamond interchange just north of the future Macalloy Industrial Park site with a new Local Access Road connecting to the north with Spruill Avenue at Stromboli Avenue and with Bainbridge Avenue just south of Viaduct Road. The Local Access Road will

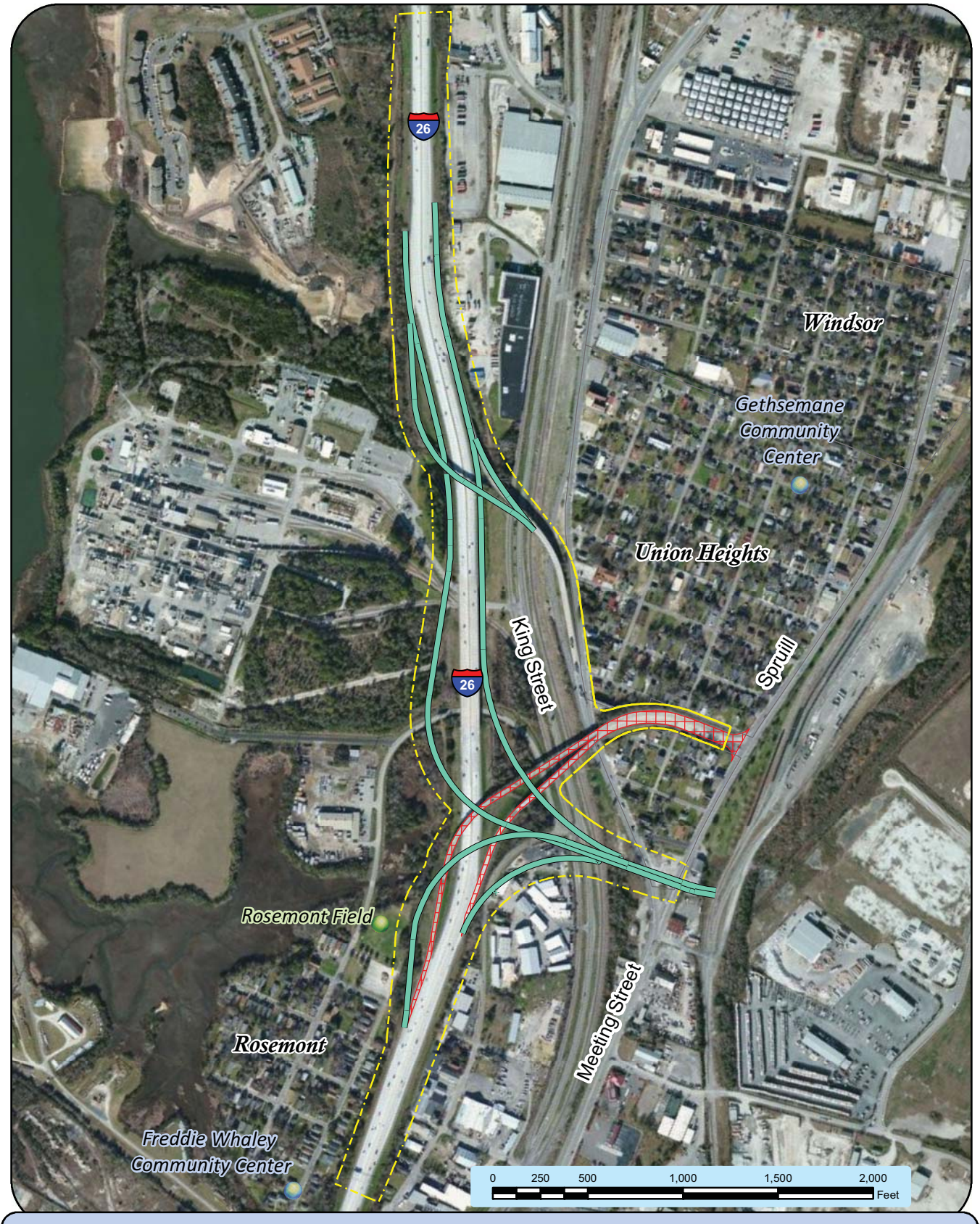
[21] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.66.

[22] Access Road Feasibility Study for the CNC Marine Terminal EIS Proposed Alternative, Supplemental Report, November 2006, p.3-4.

also have a connection to the south to Tidewater Road to provide an employee-only entrance for the NBT and access to and from the Cooper River Marina. This half-diamond interchange will also provide access to the future Macalloy Industrial Park.[23]

Please see Table 2 for a comparison of the Preferred Alternative to the No-Build.

[23] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.11.



Study Area Boundary

Proposed Ramps

Ramps to be removed

Figure 3

Port Access Road Interchange Design

PORT ACCESS ROAD INTERCHANGE AT I-26

Environmental Assessment

Table 2:
Proposed Interchange Alternatives Matrix

	Preferred Alternative (Alternative 1D)	No-Build Alternative
Purpose and Need	Meets	Does not Meet
Neighborhood impacts	2	3
Commercial Relocations	6	0
Residential Relocations	1	0
EJ Block Groups	3	3
Total Wetland Acres	0.057 acre	0
Critical Habitat for Threatened and Endangered Species (Y/N)	No	No
Historic buildings/Site Impacts (#/type)	0	0
4 f impacts (Y/N)	No	No
Noise		
Residential impacts (#)	52	52
Recreation Areas	2	2
Empty Lots	1	1
Hazardous Materials Sites	12	0

4 PROBABLE IMPACTS OF THE PROJECT ON THE ENVIRONMENT

This section includes a discussion on the probable beneficial and adverse social, economic, and environmental effects of the preferred alternative and describes the measures proposed to mitigate any adverse impacts. Indirect and cumulative impacts on resources are also addressed in this section. This information has sufficient scientific and analytical substance to provide a basis for evaluating the merits of the project. Environmental studies conducted for the project indicate the absence of any significant impact on the human and natural environment. The following paragraphs provide a brief overview of the environmental findings.

4.1 Traffic Impacts

4.1.1 No-Build Traffic Forecasts

The No-Build traffic forecast was defined as the year 2035 and consists of background traffic without the NBT traffic. The 2035 No-Build traffic forecasting process involved applying the BCDCOG's latest travel demand model (December 2010 version) within a focused study area along I-26 from Mt. Pleasant Street to Dorchester Road. By using the BCDCOG model-based approach, the No-Build forecasting was deemed a refinement compared to the Port EIS' count-based approach, because it is forward-looking and it yields more realistic projections. The model-based approach takes into account segment- and interchange-specific variable growth pattern along I-26 as opposed to a uniform growth pattern for the whole I-26 corridor (mainline and ramps).[24]

TEUs - Twenty-foot equivalent units or 20-foot-long cargo container.



4.1.2 Build Traffic Forecasts

The Build traffic forecast was also defined as the year 2035 and includes both background traffic and the NBT traffic. The 2035 Build traffic forecasting process involved estimating daily traffic and the four peak hour traffic volumes for the NBT. These traffic volumes are based on the NBT's anticipated build-out throughput capacity of 1.4 million TEUs and adding the NBT traffic to the 2035 No-Build traffic volumes.[25] Throughput would be defined as the anticipated capacity (amount of material, goods, TEUs) that the port terminal can handle, or pass through, in a period of time. The trip generation rate for the NBT was estimated at 780 vehicle trips per day per 100,000 TEUs, of which 63 percent were truck trips. This trip rate was the same as used in the prior Port EIS study.[26]

4.1.3 Traffic Analysis

The traffic analysis for the IMR study utilized the Highway Capacity Software (HCS) 2010 (Version 6.1) model and the CORSIM micro-simulation model (TSIS-CORSIM Version 6.2) for analyzing the operations

[24] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.24.

[25] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.27.

[26] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.27.

of I-26, with and without the Port's projected traffic. The modeling assumptions were revised in the IMR study based on field observations in 2010.[27] These assumptions are documented in Table 3.

Table 3:
HCS Modeling Assumptions in the IMR Study

HCS Model Parameter	Value	Comments
Peak Hour Factor	0.92	Typical value for urban area
Trucks & Buses	Commuter AM Peak: 4% Port AM Peak: 7% Port PM Peak: 7% Commuter PM Peak: 4%	Observed in 2010 for Background Traffic along I-26
Recreational Vehicles	0 %	Observed in 2010 for Background Traffic along I-26
Terrain Type	Level	Existing Condition
Free Flow Speed	65 mph for I-26 35 mph for Ramps	Measured based on Travel Time Runs in 2010

4.1.4 Traffic Volumes

This section presents the updated traffic volumes utilized in preparing the IMR study. The traffic volumes were first prepared for Existing (2009) conditions, and then for Future (2035) No-Build and Build conditions. The four peak hour conditions prepared for the updated traffic forecasts are:

- Commuter AM peak hour (7-8 am)
- Port AM peak hour (9-10 am)
- Commuter PM peak hour (4-6 pm)
- Port PM peak hour (2-3 pm)

4.1.5 Existing (2009) Traffic Volumes

I-26, south of the Cosgrove Avenue interchange, carried the highest Average Daily Traffic (ADT) of 87,100 vehicles in year 2009 within the IMR study area, of which approximately 8.4 percent traveled during the Commuter AM peak hour (7-8 am) with 63.4 percent directional split in the eastbound direction, or 4,660 vehicles per hour. In comparison, around 6 percent of the ADT traveled during the Port AM peak hour (9-10 am) with 56.2 percent directional split in the eastbound direction, or 2,920 vehicles per hour.[28]

During the Commuter PM peak hour (4-6 pm), the same I-26 location carried 9 percent of ADT with 57 percent, or 4,480 vehicles per hour, traveling in the westbound direction. In comparison, around 6.9 percent of the ADT traveled during the Port PM peak hour (2-3 pm) with 52.5 percent, or 3,150 vehicles per hour, traveling in the westbound direction.[29] The Existing (2009) traffic volumes are depicted in

[27] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.29.

[28] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.30.

[29] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.30.

Figures 4-1, 4-2, and 4-3 of Appendix B, the *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report.*

4.1.6 Future No-Build (2035) Traffic Volumes

I-26, north of the Cosgrove Avenue interchange, is projected to carry the highest ADT of 102,120 vehicles in year 2035 No-Build condition, of which approximately 8.4 percent would travel during the Commuter AM peak hour with 62.6 percent traveling in the eastbound direction, or 5,350 vehicles per hour. In comparison, approximately 6 percent of the ADT would travel during the Port AM peak hour with 55.7 percent traveling in the eastbound direction, or 3,400 vehicles per hour.[30]

During the Commuter PM peak hour, the same I-26 location would carry 9 percent of ADT with 58.2 percent, or 5,380 vehicles per hour, traveling in the westbound direction. In comparison, approximately 7.1 percent of the ADT would travel during the Port PM peak hour with 53.5 percent, or 3,850 vehicles per hour, traveling in the westbound direction.[31] The Future (2035) No-Build traffic volumes are depicted in Figures 4-4, 4-5, and 4-6 of Appendix B, the *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report.*

4.1.7 Future Build (2035) Traffic Volumes

I-26, south of the Cosgrove Avenue interchange, is projected to carry the highest ADT of 109,410 vehicles in year 2035 Build condition, of which approximately 8.6 percent would travel during the Commuter AM peak hour with 63.7 percent traveling in the eastbound direction, or 6,000 vehicles per hour. In comparison, approximately 6.2 percent of the ADT would travel during the Port AM peak hour with 55.1 percent traveling in the eastbound direction, or 3,720 vehicles per hour.[32]

During the Commuter PM peak hour, the same I-26 location would carry approximately 9.1 percent of ADT with 59.3 percent, or 5,870 vehicles per hour, traveling in the westbound direction. In comparison, approximately 7 percent of the ADT would travel during the Port PM peak hour with 53.6 percent, or 4,120 vehicles per hour, traveling in the westbound direction.[33] The Future (2035) Build traffic volumes are depicted in Figures 4-7, 4-8, and 4-9 of Appendix B, the *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report.*

Table 4:
2035 Traffic Volumes

Future No-Build (2035) Traffic Volumes - I-26, north of the Cosgrove Avenue interchange				
102,120 Overall ADT	**Percent of overall ADT**	**Percent ADT Traveling EB or WB**	**Direction**	**Vehicles Per Hour**
Commuter AM Peak	8.4%	62%	East Bound	5,350
Port AM Peak	6%	55%	East Bound	3,400

[30] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.30.

[31] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.30.

[32] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.30.

[33] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.30.

Commuter PM Peak	9%	58.2%	West Bound	5,380
Port PM Peak	7.1%	53.5%	West Bound	3,850
Future Build (2035) Traffic Volumes - I-26, south of the Cosgrove Avenue interchange				
109,410 Overall ADT	**Percent of overall ADT**	**Percent ADT Traveling EB or WB**	**Direction**	**Vehicles Per Hour**
Commuter AM Peak	8.6%	67.3%	East Bound	6,000
Port AM Peak	6.2%	55.1%	East Bound	3,720
Commuter PM Peak	9.1%	59.3%	West Bound	5,870
Port PM Peak	7%	53.6%	West Bound	4,120

4.1.8 Summary

The latest traffic operational analysis revealed that 2035 traffic conditions on I-26 between the proposed new interchange and the Cosgrove Avenue interchange would slightly worsen from LOS D to LOS E during the highest peak hours of the day (i.e., 7-8 am and 5-6 pm) and in the peak travel direction. This traffic impact is less than what was anticipated during the Port EIS study due to the reduced traffic growth projections in the region and reduced land use growth projections along the immediate interchange areas. The latest traffic simulation analysis found no significant queuing impact along I-26 mainline operations within the influence area of the Port Access Road.[34]

4.2 Land Use

The study area is predominately flat plains bounded by water, pockets of marsh land, the Ashley River to the west and the Cooper River to the east. These two tidal rivers join together in Charleston to form the Charleston Harbor before discharging into the Atlantic Ocean. [35]

The existing land uses within the study area are predominantly industrial, intermixed with residential neighborhoods including the Union Heights and Windsor subdivisions. Several churches and recreational areas including Rosemont Field are also located in the study area. See Figure 4.

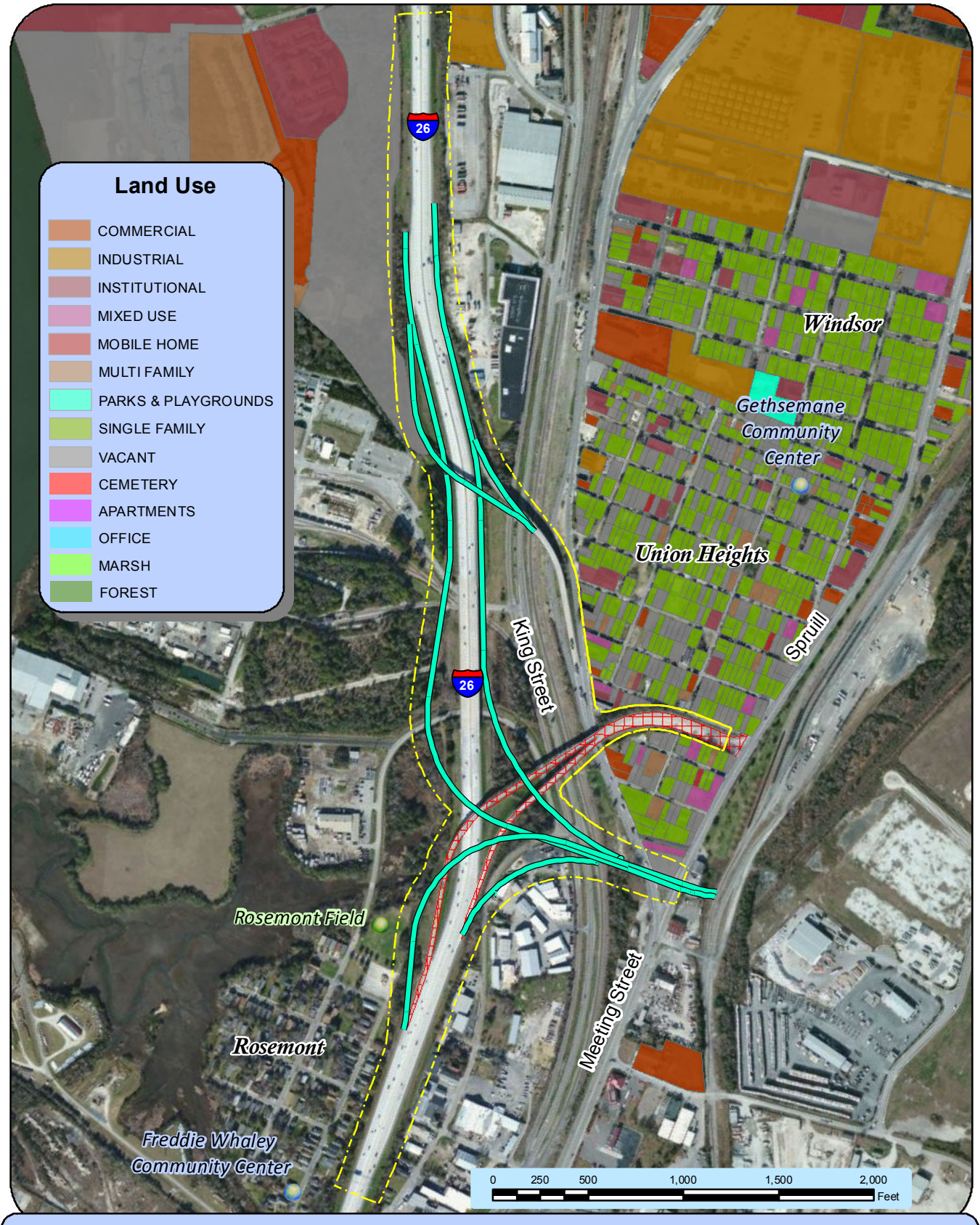
Property owned and operated by several industries and businesses were acquired to construct the new Port Access Road Interchange on I-26. [36] For more information about the acquisition of properties, see the relocation information in Section 4.18. The removal of Exit 218 could potentially be a beneficial land use impact by creating open space. This space could be used for housing or to create an open area for residents. The eastbound interchange ramps would have a minor adverse impact to Rosemont Field, but it would not prevent the intended use of this land.[37]

[34] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.1.

[35] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.16.

[36] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.16.

[37] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.17.



Study Area Boundary

Proposed Ramps

Ramps to be removed

Figure 4

Land Use

PORT ACCESS ROAD INTERCHANGE AT I-26
Environmental Assessment

4.3 Threatened and Endangered Species

The Endangered Species Act of 1973 (ESA), as amended, requires federal agencies, in consultation with, and assisted by, the USFWS, to ensure that their actions are not likely to jeopardize the continued existence of species that have been listed as endangered or threatened under the ESA. The ESA also requires federal agencies to ensure that their actions do not result in the destruction or adverse modification of federally designated critical habitats for listed species.

As required under Section 7(c) of the ESA, current documentation concerning federally listed endangered, threatened, proposed endangered, proposed threatened, and candidate species, as well as information concerning designated critical habitats was obtained from the USFWS.[38,39] The federally protected species documented for Charleston County are shown in Table 4. Based on a review conducted using the USFWS' Critical Habitat Mapper utility, no designated critical habitats for listed species occur within 10 miles of the project area.[40]

A Geographic Information Systems dataset detailing documented occurrences of federally listed species was also obtained from the SCDNR Heritage Trust Program. According to this dataset, which was last updated on June 15, 2012, there are no documented occurrences of federally protected species within the study area.

A literature search was performed for the federally listed species to determine habitat requirements and to find descriptions of the species that would facilitate identification during the field survey. Important sources of reference information included natural resource agency data and published reports, various botanical and faunal literature, and available USFWS Recovery Plans. Of the 21 species listed for Charleston County by the USFWS, ten are found in marine or subtidal estuarine aquatic habitats (see species marked with "[a]" in table). Three additional species, sea-beach amaranth, the red knot, and the piping plover, require beachfront dune habitat (see species marked with "[b]" in table). No marine, subtidal estuarine, or beachfront dune habitats exist in the study area; therefore, no further discussion of these species is necessary. The eight remaining listed species and their habitat requirements are described below. Although the bald eagle (*Haliaeetus leucocephalus*) is no longer listed under the ESA, it is protected under the *Bald and Golden Eagle Protection Act* and is therefore treated in this document similarly to the species protected under the ESA.

[38] USFWS Southeast Region Ecological Services, South Carolina Field Office, South Carolina List of Endangered, Threatened and Candidate Species April 2012, http://www.fws.gov/charleston/pdf/etcountylist_04_12_final.pdf (August 15, 2012).

[39] USFWS, Critical Habitat Mapper, http://criticalhabitat.fws.gov/crithab/flex/crithabMapper.jsp? (August 15, 2012).

[40] Ibid.

Table 5:
Federally Protected Species in Charleston County

COMMON NAME	SCIENTIFIC NAME	FEDERAL STATUS	EFFECT
Plants			
American chaffseed	*Schwalbea americana*	Endangered	No effect
Canby's dropwort	*Oxypolis canbyi*	Endangered	No effect
Pondberry	*Lindera melissifolia*	Endangered	No effect
Sea-beach amaranth[b]	*Amaranthus pumilus*	Threatened	No effect
Animals			
Atlantic sturgeon[a]	*Acipenser oxyrinchus*	Endangered	No effect
Bachman's warbler	*Vermivora bachmanii*	Endangered	No effect
Bald eagle	*Haliaeetus leucocephalus*	N/A [c]	No effect
Finback whale[a]	*Balaenoptera physalus*	Endangered	No effect
Frosted flatwoods salamander	*Ambystoma cingulatum*	Threatened	No effect
Green sea turtle[a]	*Chelonia mydas*	Threatened	No effect
Humpback whale[a]	*Megaptera novaengliae*	Endangered	No effect
Kemp's ridley sea turtle[a]	*Lepidochelys kempii*	Endangered	No effect
Leatherback sea turtle[a]	*Dermochelys coriacea*	Endangered	No effect
Loggerhead sea turtle[a]	*Caretta caretta*	Threatened	No effect
Piping plover[b]	*Charadrius melodus*	Threatened	No effect
Red-cockaded woodpecker	*Picoides borealis*	Endangered	No effect
Red knot[b]	*Calidris canutus rufa*	Candidate	No effect
Right whale[a]	*Balaena glacialis*	Endangered	No effect
Shortnose sturgeon[a]	*Acipenser brevirostrum*	Endangered	No effect
West Indian manatee[a]	*Trichechus manutus*	Endangered	No effect
Wood stork	*Mycteria americana*	Endangered	No effect

***Source**: USFWS, http://www.fws.gov/charleston/pdf/etcountylist_04_12_final.pdf (August 15, 2012).*
[a] Indicates a species found in marine or subtidal estuarine habitats.
[b] Indicates a species that requires beachfront dune habitat.
[c] Protection is provided under the Bald and Golden Eagle Protection Act instead of the ESA.

4.3.1 American chaffseed

American chaffseed (*Schwalbea americana*) is an upright, perennial herb with a stem that is unbranched or only branches at the base of the plant. Chaffseed grows to a height of one to two feet.[41] It has lance-shaped to elliptic alternate leaves that connect directly to the stem at the base. Upper leaves are reduced to small bracts, and the purplish yellow flowers of the plant, which are present on the upper portion of the stalk, arise from the area where the upper surface of these bracts meets the stem of the plant. The flowers, which are borne on small stalks, are tubular in shape and range from 1.2 to 1.4 inches in length.[42] The inflorescence exhibited by the plant, with many stalked flowers concentrated on the upper portion of an unbranched stem, is referred to as a raceme. Flowering occurs from April to

[41] USFWS, American Chaffseed Recovery Plan, http://ecos.fws.gov/docs/recovery_plan/950929c.pdf, 1995, (August 17, 2012).
[42] Ibid.

June, and fruits begin to mature shortly afterward in early summer. Chaffseed's fruit is a narrow capsule about a half-inch long. [43]

American chaffseed is restricted to longleaf pine flatwoods and savannas, ecotonal areas between peaty wetlands and xeric sandy soils (in the upslope portion of the site), mesic loamy-soil slopes or swales in longleaf pine sandhill woodlands, and other open, grass-sedge systems.[44,45] It typically requires areas of habitat that are subject to frequent disturbance due to burning or occasional mowing and/or areas with a fluctuating water table. These conditions can impede the growth of some trees and shrubs and thereby make the conditions more favorable for chaffseed to grow and compete due to its ability to better tolerate these conditions.[46] This species prefers areas with an open or partially open overstory.

Suitable habitat for American chaffseed does not occur in the area that would be impacted by the proposed project. No savanna, sandhill-wetland ecotones, or sandhill longleaf pine woodlands occur in the vicinity of the proposed project and no occurrences of American chaffseed were found during the field survey. Based on a review of the SCDNR protected species element occurrence dataset, the nearest documented occurrence of this species is an extirpated occurrence from a site more than eight miles from the limits of the proposed project. Based on these findings, no effect to American chaffseed would occur as a result of the proposed project.

4.3.2 Canby's dropwort

Canby's dropwort (*Oxypolis canbyi*) is a perennial herbaceous plant that grows to approximately four feet tall. It has a slender stem that is purplish at the base and green above, which may branch above the middle. The leaves are long, slender, and quill-like. Flowers of Canby's dropwort are minute (~0.1 inch across), with white petals and are arranged in compound umbels.[47]

This species typically occurs in areas with a high water table, open canopy, and medium- to highly-organic soils. It occurs in habitats including cypress-pine ponds, sloughs, drainage ditches, wet meadows, and wet pine savannas.

Suitable habitat for Canby's dropwort does not occur within the area that would be impacted by the proposed project. One freshwater wetland occurs within the limits of the proposed project, but it is a disturbed wetland within a power line right of way that is becoming overgrown with weedy shrubs making it unsuitable for Canby's dropwort. The remaining wetland/ditch habitat within the limits of the proposed project is characterized by tidally influenced hydrology and emergent vegetation. Canby's dropwort does not occur in this type of habitat and was not observed during the field survey. Based on a review of the SCDNR element occurrence dataset, the nearest documented occurrence of this species is from a site located over 31 miles from the study area. No Canby's dropwort was observed during the

[43] Ibid.

[44] Porcher, Richard D. and Douglas A. Rayner. 2001. *A Guide to the Wildflowers of South Carolina*. Columbia, SC: University of South Carolina Press.

[45] Weakley, Alan S. 2006+ (draft). *Flora of the Carolinas, Virginia, Georgia, and Surrounding Areas*. Chapel Hill, NC: University of North Carolina.

[46] USFWS, Raleigh Ecological Services Field Office, American chaffseed (*Schwalbea americana*), http://www.fws.gov/raleigh/species/es_american_chaffseed.html, June 25, 2012, (August 17, 2012).

[47] Murdock, Nora and Rayner, Douglas. *Recovery Plan for Canby's Dropwort*. Asheville Field Office, USFWS, 1990.

field survey. Based on these findings, no effect to Canby's dropwort would occur as a result of the proposed project.

4.3.3 Pondberry

Pondberry (*Lindera melissifolia*) is a deciduous shrub with an alternate, drooping leaf arrangement that reaches up to six feet in height. The leaves and other parts are aromatic, having a fragrance very similar to sassafras when crushed. In March, before the leaves come out, small yellow flowers appear in clusters along the branches. The bright red fruits mature in late summer to early fall.

Pondberry grows along the edges of sandy lime sinks, ponds, swamp forests, open bogs, and in wet depressions in pine flatwoods.[48] It prefers shaded areas, but is sometimes found in areas of full sun.

The small freshwater marsh wetland and the tidally influenced wetland/ditch that occur within the limits of the proposed project are both unsuitable habitats for this species. Typical habitats for this species (bogs, lime sinks, flatwood depressions, forested swamp) do not occur in the vicinity of the proposed project. Pondberry was not observed during the field survey and the nearest documented occurrence of pondberry is over ten miles from the limits of the proposed project. Based on these findings, no effect to pondberry would occur as a result of the proposed project.

4.3.4 Bachman's warbler

Bachman's warbler (*Vermivora bachmanii*) is a tiny (4 ¼- to 4 ½-inch) wood warbler with a slender, pointed bill that has a slight downward curve.[49] The adult male has a yellow forehead, breast, eye ring, and patches of yellow on the shoulders. The throat area and the front of the top of the head are black. Beginning at the back of the top of the head and extending over the upper part of the body it is olive green. The tail and wings are gray.[50] The adult female is colored similarly, but lacks the black on the head and throat area and has a white eye-ring. The female is predominantly olive above and yellow beneath. Overall, the coloration of the female is more drab than that of the male.[51]

Bachman's warbler frequents canebrakes and thickets both within and along the borders of mature hardwood swamp forests. Individuals begin arriving in Charleston County in early March, and are gone by mid-July. Bachman's warbler nests in scrub palmetto, clumps of cane, low bushes, and vines.[52]

No canebrakes or thickets within and along the borders of mature hardwood swamp forests occur near or within the limits of the proposed project. This species was not observed during the field work and, according to the SCDNR element occurrence data, the nearest documented occurrence is a historical record from an area over 17 miles from the proposed project. Based on these findings, no effect to Bachman's warbler would occur as a result of the proposed project.

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[48] Porcher, Richard D. and Douglas A. Rayner. 2001. *A Guide to the Wildflowers of South Carolina*. Columbia, SC: University of South Carolina Press.

[49] USFWS, Species Profile, Bachman's Warbler (*Vermivora bachmanii*), http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B03G, (August 16, 2012).

[50] BirdLife International, Bachman's Warbler *Vermivora bachmanii*, http://www.birdlife.org/datazone/speciesfactsheet.php?id=9084, (August 16, 2012).

[51] Ibid.

[52] Eloise F. Potter, et al, 1980. *Birds of the Carolinas*. Chapel Hill, NC: University of North Carolina Press.

4.3.5 Bald eagle

The bald eagle is a large bird of prey with a dark brown body and prominent white coloration on the head, neck, and tail. Its wingspan may reach up to seven feet, and it can weigh as much as seven pounds as an adult.

Bald eagles typically nest in the crowns of large trees with an uncluttered arrangement of stout limbs that are capable of supporting a large heavy nest for several years. Their foraging habitat consists primarily of open waters along coastlines, rivers, and lakes; and they typically select nest trees that have a clear line of sight to these preferred foraging habitats.[53] Often the nest tree is situated on a boundary between forest and marsh less than a mile from suitable open water foraging habitat.[54] Ideal habitats for eagle foraging have shallow, slow moving water, and abundant prey including fish, waterfowl, and other birds. In South Carolina, eagle nesting territories have become established on the shorelines of hydroelectric impoundments, and they have been observed to forage opportunistically around tailwaters on fish that are injured by turbine impacts.[55] Waterfowl impoundments also provide preferred nesting and foraging habitat for eagles.[56]

Suitable foraging habitat for the bald eagle occurs east and west of the proposed project within the Ashley River and the Cooper River, but these waterbodies will not be affected by the proposed project. No eagle nests were observed during the field surveys conducted, but one bald eagle was observed in flight above Shipyard Creek. No good quality nesting habitat occurs within the limits of the proposed project due to the extent of urbanization and development in this area. Other better suited nesting habitat occurs in less developed portions of these river systems. According to the SCDNR element occurrence data, the nearest documented bald eagle nests are in much less developed areas over four miles from the proposed project. Based on these findings, no effect to the bald eagle would occur as a result of the proposed project.

4.3.6 Frosted flatwoods salamander

The frosted flatwoods salamander (*Ambystoma cingulatum*) has a gray to black body with a lighter gray pattern of reticulation (a net like pattern). Its belly exhibits distinct white spots against a dark background.[57] It is small, 3.5 to 5 inches long, slender, and has a relatively small head. It is very similar in appearance to the closely related reticulated flatwoods salamander (*Ambystoma bishopi*), but the two species have been determined to be separate distinct species based in part on subtle morphological differences and mitochondrial DNA evidence.[58] The frosted flatwoods salamander is reported to have less distinct reticulation on its back and more distinct white spotting on its belly than the reticulated flatwoods salamander.[59] The two species are separated geographically by the Appalachicola River

[53] South Carolina Department of Natural Resources, Comprehensive Wildlife Conservation Strategy, Species Profile: Bald Eagle, http://www.dnr.sc.gov/cwcs/pdf/Baldeagle.pdf, 2005, (August 17, 2012).

[54] Ibid.

[55] Ibid.

[56] Ibid.

[57] Federal Register 56, Endangered and Threatened Wildlife and Plants; Determination of Endangered Status for Reticulated Flatwoods Salamander; Designation of Critical Habitat for Frosted Flatwoods Salamander and Reticulated Flatwoods Salamander, Final Rule, 6700-6774, February 10, 2009.

[58] Ibid.

[59] Ibid.

drainage, with the frosted flatwoods salamander being found east of the drainage, and the reticulated flatwoods salamander being found west of the drainage.[60]

The chief habitat for the frosted flatwoods salamander is open, mesic flatwoods dominated by longleaf (*Pinus palustris*) or slash pines (*Pinus elliottii*) and wiregrass (*Aristida stricta*) maintained by frequent fires. These pine flatwood communities are positioned between upslope sandhill communities and lower slope wetlands.[61] The herbaceous groundcover in these pine flatwoods provides forage for numerous herbivorous invertebrates that are the prey base for the frosted flatwoods salamander.[62] This species breeds in herbaceous vegetation along the margins of isolated, seasonal pools that typically have a sparse open canopy of pond cypress and blackgum. As the larvae hatch and develop they feed on the aquatic macroinvertebrate community within the herbaceous cover of the pond margins. Because the ponds are only seasonally inundated, they typically do not support populations of predatory fish large enough to prey upon the salamander larvae.[63] Fire at a frequency of once every three to five years is necessary to prevent the degradation of natural flatwoods communities; in its absence shrubs and hardwood understory increase and herbaceous groundcover decreases, which reduces the prey base for the frosted flatwoods salamander. Fire is also necessary to prevent canopy closure at the pond margins, which can result in a decrease in the herbaceous vegetation at the pond margins where the adults would typically deposit their eggs and the larvae would typically develop.[64] In South Carolina, the frosted flatwoods salamander occurs in the southern half of the Coastal Plain.

The mosaic of habitats used by the frosted flatwoods salamander, including open mesic flatwoods and seasonal ponds, do not occur in the vicinity of the proposed project. The nearest documented occurrence of this species is over 8 miles from the proposed project. Based on these findings, no effect to the frosted flatwoods salamander would occur as a result of the proposed project.

4.3.7 Red-cockaded woodpecker

The red-cockaded woodpecker (*Picoides borealis*) is a small woodpecker with a wingspan up to 15 inches. The bird has black and white horizontal stripes on its back, white cheeks and breast, black-streaked flanks, and a black cap and throat. Males have small red spots or "cockades" on each side of the cap just behind the eye,[65] which are not easily discernible in the field.

Preferred nesting habitat of the red-cockaded woodpecker is old-growth pine forests (stems ≥ 60 years old) that are relatively free of hardwood undergrowth. Suitable foraging habitat includes pine and pine hardwood stands with pine stems ≥ 30 years of age. Primary literature concerning the red-cockaded woodpecker states that colonies typically require areas of at least 100 acres of suitable habitat. Threats to this species include loss of old-growth longleaf pine habitat, fire suppression that allows the growth of a dense hardwood and vine understory in areas that would otherwise be suitable for nesting habitat,

[60] Ibid.

[61] Walton Beacham, et. al., editors, *Beacham's Guide to the Endangered Species of North America,* 2001, Farmington Hills, MI: Gale Group.

[62] Ibid.

[63] Ibid.

[64] Ibid.

[65] USFWS, *The Red Book*. 1993.

and timber management practices that result in harvesting of pines before they reach a size that is suitable for establishment of red-cockaded woodpecker nest colonies.[66]

Suitable foraging or nesting habitat for red-cockaded woodpecker does not occur in the vicinity of the proposed project and this species was not observed during the field survey. Wooded areas in the limits of the proposed project are very small and fragmented. No old growth pine forest occurs in or within ½ mile of the proposed project. As such, the small fragmented wooded areas do not represent suitable red cockaded woodpecker foraging habitat. According to the SCDNR element occurrence data, the nearest documented occurrence of this species is over 5 miles from the proposed project. Based on these findings, no effect to the red-cockaded woodpecker would occur as a result of the proposed project.

4.3.8 Wood stork

The wood stork (*Mycteria americana*) is a large wading bird that reaches four feet in height and has a wingspan of up to five feet. The bird's plumage is white except for the black feathers on its tail, primary feathers, and the trailing edge of its wings. Its head and neck are featherless and its long bill is black in color.[67]

Wood storks prefer to establish colonies in clusters of trees or shrubs that are surrounded by standing water. Inundation of the area surrounding the colony site is thought to serve as a deterrent for would-be predators.[68] Wood storks primarily feed on small fish within areas of shallow receding water. As waters recede following precipitation events or seasonal flooding or as a result of tidal pulse, density of available prey increases and the effort required for successful foraging decreases. The most successful wood stork colony sites tend to be those with a core foraging area containing a variety of different wetland habitats with varied hydrologic regimes.[69] This variation of available habitat and hydrologic regime allows wood storks using the colony to effectively forage from year to year and better withstand extreme periods of drought or flood.[70] When they are not nesting, wood storks will wander more freely in search of suitable foraging habitat and will roost in areas convenient to the area in which they are currently foraging.[71]

No wood storks were observed in the vicinity of the proposed project during the field survey. A small amount of tidal marsh that is suitable foraging habitat for the wood stork occurs within the limits of the proposed project. Based on a review of the SCDNR element occurrence data, this habitat is within less than 15 miles of four different wood stork colonies and, therefore, could potentially be utilized for foraging by wood storks from those colonies. However; given the amount of urbanization, development, and human activity in the vicinity of the proposed project and taking into consideration the abundance of other less disturbed foraging habitat that occurs in the vicinity of the identified wood

[66] Henry, Gary V., *Guidelines for Preparation of Biological Assessments and Evaluations for the Red-Cockaded Woodpecker*. USFWS Southeast Region. 1989.

[67] USFWS, *The Red Book*. 1996.

[68] USFWS, Southeast Region, Revised Recover Plan for the U.S. Breeding Population of the Wood Stork, http://ecos.fws.gov/docs/recovery_plan/970127.pdf , September 9, 1986, (August 20, 2012).

[69] Ibid.

[70] Ibid.

[71] Ibid.

stork colonies; it is highly unlikely that the tidal marsh habitat within the limits of the proposed project would be a significant foraging site for wood storks. Additionally, although the identified tidal marsh is within the limits of the proposed project, in this area the design calls for the construction of a new elevated ramp that would be constructed on piers and would span the tidal marsh and, therefore, would not directly impact the tidal marsh. No suitable nesting habitat for the wood stork occurs in the limits of the proposed project. Based on these findings, no effect to the wood stork would occur as a result of the proposed project.

4.4 State-Listed Rare, Threatened, and Endangered Species

The *South Carolina Nongame and Endangered Species Conservation Act* outlines the state's role in assisting with the preservation and propagation of federally listed threatened and endangered species, as well as setting forth guidelines to protect wildlife which, although not listed on a federal level, have been determined to be endangered within the state. Table 5 lists the state-listed threatened and endangered species that are known to occur in Charleston County, their habitat requirements, and indicates if suitable habitat is present in the study area.

As indicated in Table 5, potential habitat for four state listed species exists within or adjacent to the project study area. Based on the SCDNR element occurrence data, two of those species, the least tern and the Rafinesque's big-eared bat, have been documented in the vicinity of the proposed project. The areas that would be impacted by the proposed project would not be suitable nesting habitat for the least tern. Documented occurrences of this species near the project are from nests on the building rooftops. The documented occurrence of the Rafinesque's big-eared bat is a historical occurrence of one individual bat from the 1930's. It is unlikely that the proposed project would impact either of these species. Although marginally suitable habitat for the swallow tailed kite and the Wilson's plover occur adjacent to the study area, the extent of development makes it highly unlikely that habitats within the study area are important for either of these species. No significant impacts to state protected species are anticipated as a result of the proposed project.

Table 6:
State Protected Species Known to Occur in Charleston County[a]

COMMON NAME	SCIENTIFIC NAME	STATE STATUS	PREFERRED HABITAT[b]	HABITAT PRESENT?
Wilson's Plover	*Charadrius wilsonia*	Threatened	Beaches, barrier and spoil islands, salt ponds, tidal mudflats, inlets, bays, estuaries, and sandbars and mudbanks of rivers near the coast	Yes
Spotted Turtle	*Clemmys guttata*	Threatened	Unpolluted, shallow waters with a soft bottom and aquatic vegetation; small marshes, bogs, woodland streams, swamps, ponds; in some areas in brackish tidal streams.	No
Rafinesque's Big-eared Bat	*Corynorhinus rafinesquii*	Endangered	Dilapidated buildings, under bridges, under loose bark of trees and in large cavity trees	Yes
American Swallow-tailed Kite	*Elanoides forficatus*	Endangered	Pine forests, cypress swamps, savannas, hardwood hammocks, riparian forests, and freshwater and brackish marshes.	Yes
Dwarf Siren	*Pseudobranchus striatus*	Threatened	Cypress and gum swamps	No
Gopher Frog	*Rana capito*	Endangered	Sandhills, xeric to mesic flatwoods, sand pine scrub, xeric oak hammocks, associated with gopher tortoises; shelters in burrows of gopher tortoise or rodents, under logs; breeds in ephemeral to semi-permanent herbaceous wetlands	No
Least Tern	*Sterna antillarum*	Threatened	Seacoasts, beaches, bays, estuaries, lakes, and rivers ; nests on level ground on sandy or gravelly beaches riverbanks in areas with sparse or no vegetation; also nests on flat gravel-covered rooftops of buildings	Yes

Source: SCDNR, http://www.dnr.sc.gov/species/pdf/Charleston2012.pdfhttp://www.dnr.sc.gov/species/pdf/Charleston2012.pdf, (August 31, 2012).

[a] Not including species that are also federally listed.

[b] NatureServe, NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. http://www.natureserve.org/explorer, (August 31, 2012).

4.5 Farmland

The project has been assessed under the provisions of the Farmland Protection Policy Act of 1981. As a result of this analysis, it was determined that the project area is located within the incorporated limits of the City of North Charleston and is presently highly developed with urban and commercial land uses. Therefore, the Farmland Protection Policy Act does not apply, and no further studies are required.

4.6 Water Quality

4.6.1 Groundwater

The study area is situated above the Southeastern Coastal Plain Aquifer System, which is comprised of seven regional aquifers.[72] An aquifer is an underground layer of porous rock or gravel that holds water, like a natural storage tank. The regional aquifers in descending order are the Surficial Aquifer, the Tertiary Sand/Limestone Aquifer, the Black Mingo Aquifer, the Pee Dee Aquifer, the Black Creek Aquifer, the Middendorf Aquifer, and the Cape Fear Aquifer. While most of the aforementioned aquifers are deep underground and confined within rock formations, the Surficial Aquifer is shallow and not confined, making it prone to contamination.[73] The most widely used aquifers in the coastal plain are the Surficial, Tertiary Sand/Limestone Aquifer, Black Mingo, and Middendorf Aquifers.[74]

SCDHEC has established an ambient groundwater quality monitoring network to determine statewide and aquifer-specific baseline values for groundwater quality within each of the regional aquifers in South Carolina.[75] Each year, a selection of wells from a specific river basin is sampled on a five-year rotation. Monitoring wells in the Catawba and Santee Basins were last sampled in 2007.[76] No SCDHEC monitoring wells are located within the study area, and the nearest monitoring well, AMB-022, is over 19 miles northwest. Therefore, it is unknown at this time what groundwater quality is like in the project area.

The 2008 *South Carolina Groundwater Contamination Inventory*[77] report denotes that there are 431 contamination sites in Charleston County, which is a higher number of contaminated sites than any other county in the state. For further information on potentially hazardous materials sites in the project area, please refer to Section 4.14.

The No-Build Alternative would have no impact to groundwater resources. Most of the groundwater aquifers, with the exception of the Surficial Aquifer, are located in confined units deep below the earth's surface, and therefore, would not be impacted by the proposed project. Due to its proximity to the surface of the earth, its variability in depth, and that it is an unconfined unit, the Surficial Aquifer may be impacted during construction of the proposed project. The Surficial Aquifer could be exposed during

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[72] USGS, *Ground Water Atlas of the United States: Alabama, Florida, Georgia, South Carolina*, HA 730-G, 1990, http://pubs.usgs.gov/ha/ha730/ch_g/G-text7.html (April 8, 2010).

[73] SCDHEC, Bureau of Water, *South Carolina Water Use Report, 2010 Annual Summary*, Technical Document No. 6J30-11, July 2011, p. 11.

[74] *Ibid.*

[75] SCDHEC, *South Carolina Ambient Groundwater Quality Monitoring Network Annual Report*, 2005, Technical Report 012-06, p. 1.

[76] *Ibid., p. 4.*

[77] SCDHEC, *South Carolina Groundwater Contamination Inventory*, Technical Report #002-08, October 2008, p. 5. http://www.scdhec.gov/environment/water/gwci/charleston.pdf (August 23, 2012).

dirt-moving activities associated with construction, leading to contaminants entering the aquifer. Soluble materials such as petroleum products could also be leaked or spilled during construction, enter into exposed areas of the Surficial Aquifer, and cause contamination. BMPs would be in place during construction, which would include a Spill Prevention Control and Countermeasures (SPCC) Plan to manage spills and leaks of soluble materials if they were to occur during construction.

4.6.2 Surface Water

SCDHEC conducts surface water quality assessments on a watershed basis, with the state being separated into eight major drainage basins divided along United States Geological Survey (USGS) hydrologic unit codes (HUCs). The study area is located within the Santee River Basin (HUC 03050202), which is sub-divided into the Santee River and Cooper River/Ashley River basins, which are further divided into sub-basins. The study area is primarily located within the Ashley River watershed unit (HUC 10: 0305020106), with a small portion on the eastern side of the study area being located in the Cooper River watershed unit (HUC 10: 0305020107) (refer to Figure 4).[78] The Ashley River watershed unit primarily consists of the Ashley River and its tributaries, from Dorchester Creek to Charleston Harbor.[79] The Cooper River watershed unit primarily consists of the Cooper River and its tributaries, from the convergence of the West Branch Cooper River and the East Branch Cooper River to Charleston Harbor.[80] According to the USGS Charleston, SC 7.5 minute topographic quadrangle map, there are no named waterbodies within the study area. The nearest named waterbodies include the Ashley River to the west and Shipyard Creek to the east.

SCDHEC has developed water quality standards for the various waterbody use classifications and performs sampling of the state's waters to determine whether they meet the established standards for their designated use classifications. Waters sampled are evaluated for various physical, chemical, and biological criteria. A priority list of waterbodies not meeting the established standards specific to their use classifications is published by the state every two years, pursuant to Section 303(d) of the Clean Water Act (CWA) and 40 CFR §130.7. These waterbodies are targeted for water quality management action.[81]

As shown on Figure 5, SCDHEC has five surface water quality monitoring stations located within close proximity of the study area; Stations MD-135, MD-243, MD-046, MD-047, and MD-052. Station MD-243, located in Shipyard Creek, is the closest station to the study area. Stations MD-046 and MD-047 are both located in the Cooper River, and Stations MD-052 and MD-135 are located in the Ashley River. Of these five stations, only Station MD-052 is listed on SCDHEC's 2010 303(d) List as impaired for aquatic life due to elevated levels of copper.[82] Copper is an essential trace element for plants, is required in animal metabolism, and is found naturally in sea water. In the form of oxides and sulfates, copper is used in pesticides, algaecides, and fungicides, and the runoff of those products into streams can increase the copper in the water to toxic levels. The toxicity of copper to aquatic life is dependent on the alkalinity,

[78] SCDHEC, Water Quality Information, http://gisweb00.dhec.sc.gov/water/Stormwater.html?mode=1/ (August 23, 2012).

[79] SCDHEC Bureau of Water, *Watershed Water Quality Assessment: Santee River Basin*, Technical Report No. 013-05, 2005, pp. 109-112.

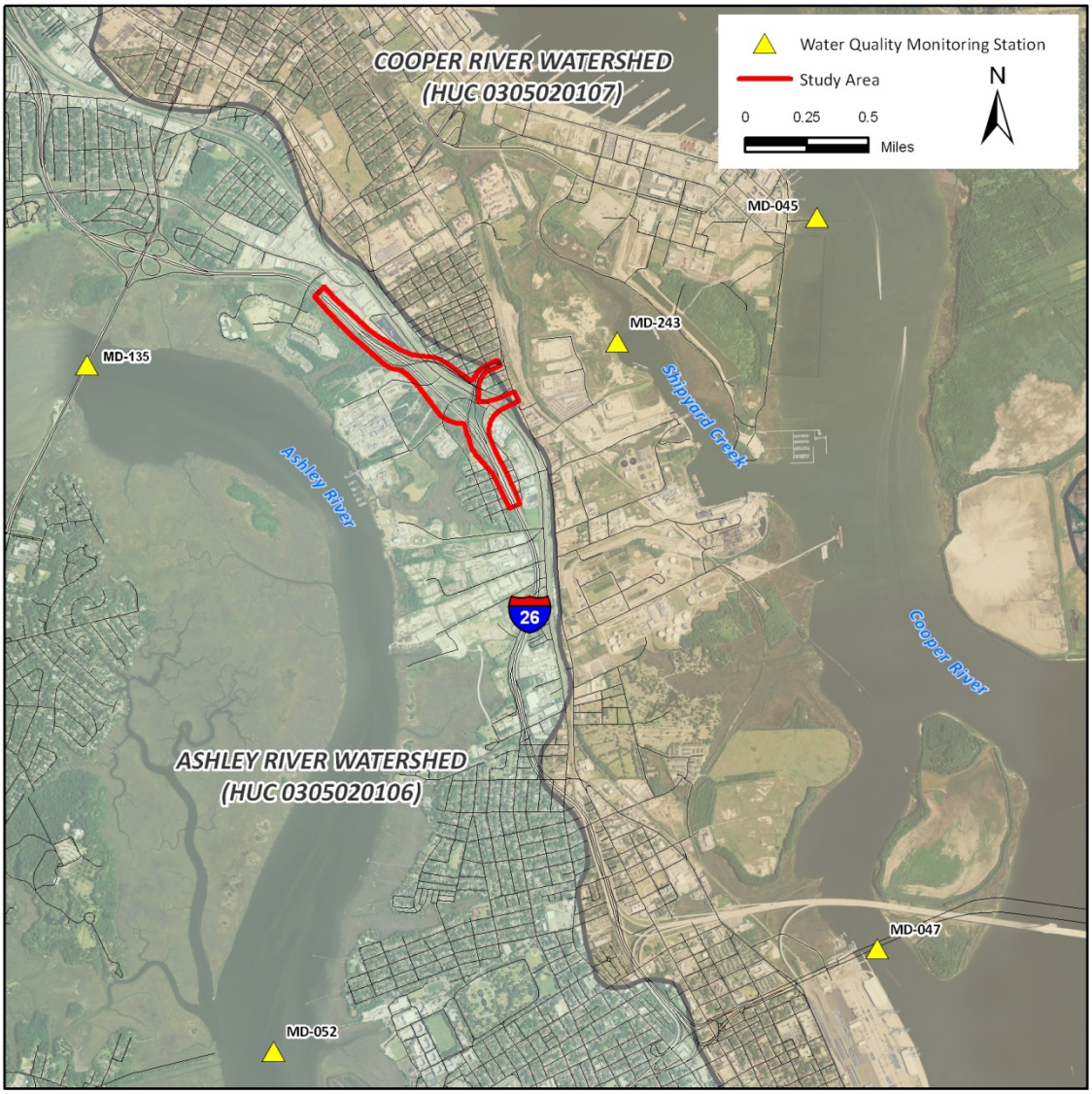
[80] SCDHEC Bureau of Water, *Watershed Water Quality Assessment: Santee River Basin*, Technical Report No. 013-05, 2005, pp. 84-89.

[81] SCDHEC Bureau of Water, *303(d) List- State of South Carolina Integrated Report for 2010, Part I: Listing of Impaired Waters*, 2010, http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf (August 23, 2012).

[82] *Ibid.*

pH, and organic compounds in the water. At toxic levels, it can affect the reproduction, growth, and survival of many aquatic species.[83]

Figure 5: Watershed Units and Water Quality Monitoring Stations



Because Station MD-052 is located downstream of the study area, runoff from the Proposed Project would drain to the reach of the Ashley River that is sampled at this station. Inorganic materials deposited on the roadway by vehicles braking and accelerating and pesticides and herbicides that may be used during normal ROW maintenance could potentially be transported downstream by stormwater runoff. In accordance with SCDOT's MS4 Permit, stormwater control measures would be used during construction and post-construction for the proposed project, due to its upstream location to an

[83] USEPA, *Quality Criteria for Water (The Red Book)*, July 1976, pp. 107-127.

impaired water. The stormwater drainage system of the Proposed Project would be designed in accordance with applicable local, state, and federal requirements. This would result in the pre-treatment of stormwater runoff from the Proposed Project before it is discharged into receiving waters. Therefore, it is anticipated that the proposed project would not further degrade downstream water quality in the Ashley River.

Due to the proposed interchange construction, the Build Alternative would increase the amount of impervious surfaces, which in turn could increase the amount of stormwater runoff. Hydrologic studies would be performed to determine the size of detention areas to maintain runoff volumes to pre-development levels. Stormwater will be handled in accordance with applicable local, state, and federal requirements. Potential impacts to water quality that could occur during construction are discussed in Section 4.21.3.

4.7 Waters of the United States

Wetlands, as currently defined by the United States Army Corps of Engineers (USACE, 33 CFR §328.3[b]) and USEPA (40 CFR §230.3[t]) are:

> *Those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands typically include swamps, marshes, bogs, and similar areas.*[84]

The USACE, through Section 404 of the CWA, has regulatory authority over waters of the United States, including wetlands. This authority empowers the USACE to identify wetland/upland boundaries and to regulate alterations of jurisdictional wetlands. These boundaries are established in accordance with the methodology in the *1987 Corps of Engineers Wetlands Delineation Manual*.[85] An area must exhibit evidence of three criteria to be considered a wetland. These criteria are:

1) Predominance of hydrophytic vegetation- species of plants that are recognized as being adapted to survive in areas with frequently saturated or inundated soils;
2) Presence of hydric soils- soils that exhibit characteristics that develop under conditions of frequent saturation or inundation; and,
3) Wetland hydrology- as evidenced by observation of numerous hydrologic indicators such as standing water, presence of algal mats, water marks on trees, water stained leaves, etc.

Wetlands are specifically protected by law because of the functions and values they provide with respect to:

- **Hydrology** (e.g., flood control, groundwater recharge and discharge, and dissipation of erosive forces);
- **Water quality** (e.g., removal of sediments, toxins, and nutrients);
- **Food chain support and nutrient cycling** (e.g., primary production and nutrient export/utilization);
- **Wildlife habitat** (e.g., breeding, rearing, and feeding grounds for fish and wildlife species); and,

[84] United States Army Waterways Experimental Station Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual.* Washington, D.C.: Department of the Army - UNITED STATES Army Corps of Engineers.

[85] *Ibid*.

- **Socioeconomics** (e.g., recreational, educational, aesthetic, and consumptive uses).

4.7.1 Identification

For this analysis, USACE-approved wetland boundaries were obtained from an approved wetland jurisdictional determination associated with USACE Permit Number 2005 1N-440 that was issued in April 2007, and are shown on Figure 6.

Wetlands and other waters of the United States identified within the study area were classified based on a modified Cowardin system. The Cowardin system, derived from *Classification of Wetlands and Deepwater Habitats of the United States*,[86] categorizes wetlands using hydrologic, geomorphologic, chemical, and biological factors. This system was modified by the United States Fish and Wildlife Service (USFWS) by grouping the 275 Cowardin wetland types into eighteen general categories based on vegetative composition. This modification was used to classify the wetland types within the study area, and was then further refined with detailed descriptions of specific wetland types of South Carolina found in *The Natural Communities of South Carolina* by John B. Nelson.[87] The jurisdictional wetlands observed within the study area were identified as freshwater marsh and salt marsh.

4.7.1.1 Freshwater Marsh

Freshwater marshes are open "wetlands with a widely fluctuating water level, and mostly dominated by emergent grasses and sedges."[88] This type of wetland is usually associated with deeper water wetlands, but can also be found where the establishment of trees is suppressed by human activity, such as in power line and roadway rights-of-way and other places where human activities prevent succession into, or back into, wooded wetlands.[89]

Along the west side of the proposed project, just northwest of the point where I-26 crosses Austin Avenue, a small (approximately 0.7 acre) isolated wetland that is transitional between a typical freshwater marsh community and more of a shrub and tree dominated wetland habitat was identified, refer to Figure 6**.** When this wetland was evaluated early in the development of this project, it was dominated by cattail (*Typha latifolia*), with subdominant species including bulrush (*Scirpus* sp.), soft rush (*Juncus effusus*), sedges (*Carex* spp.), and bushy bluestem (*Andropogon golmeratus*). During an evaluation on August 27, 2012, it was noted that the community now has increased percent cover of trees and shrubs that are rapid colonizers such as sweetgum, red maple, willow (*Salix* sp.), wax myrtle (*Myrica cerifera*), and Chinese tallow. Other species present include netted chain fern (Woodwardia areolata), sensitive fern (Onoclea sensibilis), and Virginia chain fern (Woodwardia virginica). This area is partially beneath a power line ROW and as a result it experiences a repeating cycle of disturbance and regrowth due to maintenance.

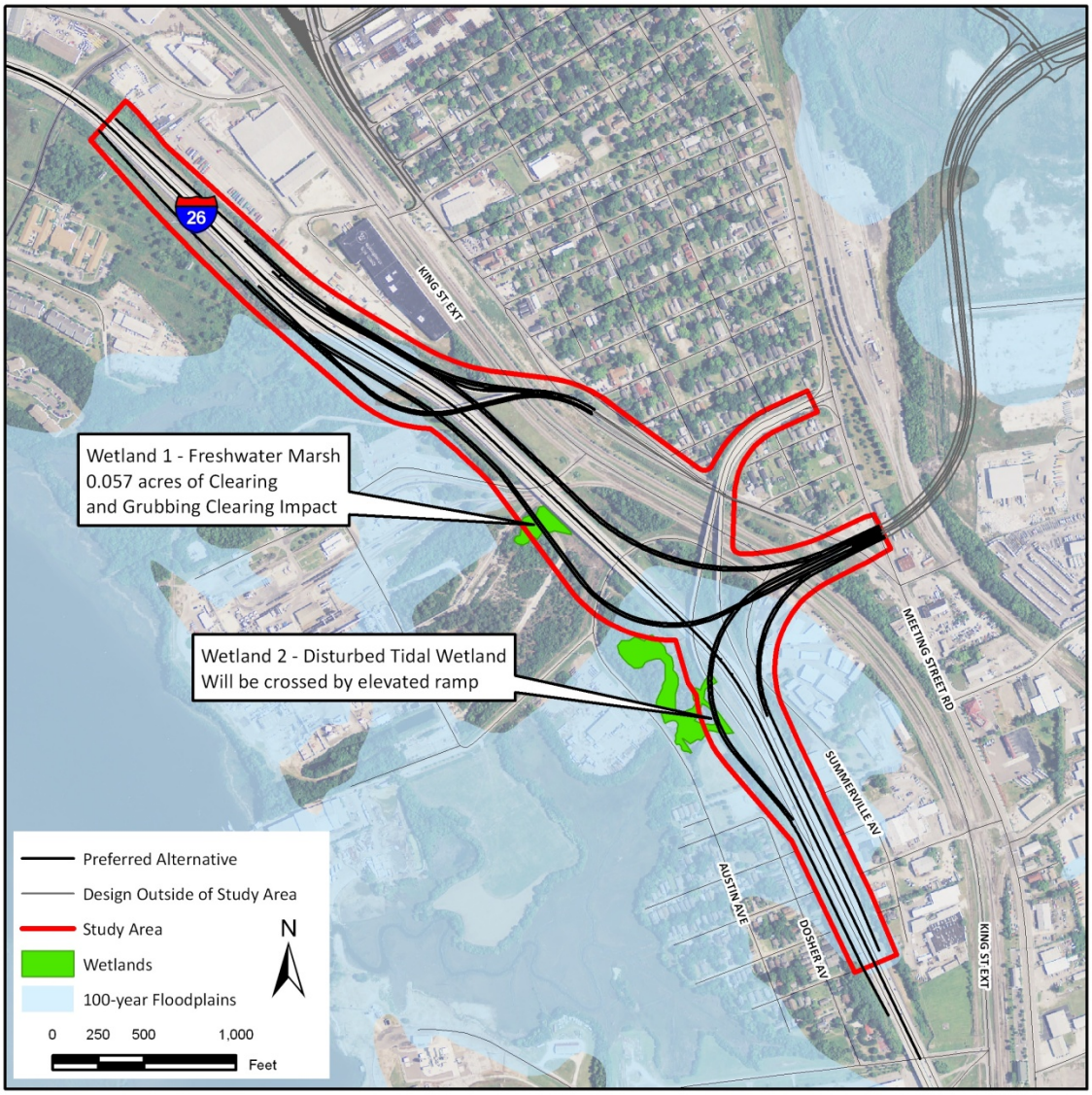
[86] Lewis M. Cowardin, *Classification of Wetlands and Deepwater Habitats of the United States,* FWS/OBS – 79/31, 1979.

[87] John B. Nelson, South Carolina Wildlife and Marine Resources Department, Division of Wildlife and Freshwater Fisheries, *The Natural Communities of South Carolina: Initial Classification and Description*, 1986.

[88] *Ibid.*

[89] *Ibid.*

Figure 6: Wetlands and Other Waters of the United States



4.7.1.2 Salt Marsh

Salt marshes are open wetlands that are regularly flooded due to tidal action. This type of wetland does not typically exhibit a great deal of species diversity, and is often dominated almost exclusively by cordgrass (*Spartina* spp.).[90]

A small, approximately 0.32 acre, area of tidal marsh occurs along the west side of the proposed project, between Austin Avenue and the ramp from Spruill Avenue to I-26 (refer to Figure 6). Emergent vegetation in this tidal marsh varies from cordgrass (*Spartina alterniflora*) to black needlerush (*Juncus roemerianus*), with high marsh areas of salt grass (*Distichlis spicata*) and saltmeadow cordgrass (*Spartina*

[90] *Ibid.*

patens). Shrub areas at the edges are dominated by marsh elder (*Iva frutescens*), sea oxeye daisy (*Borrichia frutescens*), and groundsel tree (*Baccharis halimifolia*).

4.7.2 Other Waters of the United States

4.7.2.1 Jurisdictional Ditches

The USACE has regulatory authority over streams as waters of the United States under Section 404 of the Clean Water Act. USACE will assert jurisdiction over traditional navigable waters (TNWs), which are described in 33 CFR §328(a)1 as, "[a]ll waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide." The USACE will also assert jurisdiction over non-navigable tributaries, where the waters flow directly, or indirectly into a TNW, and are a relatively permanent water (RPW) which has a continuous flow for at least three consecutive months.[91] Streams with a non-relatively permanent flow of water (NRPWs), less than three continuous months, will be considered jurisdictional when they are found to exhibit a significant nexus with downstream TNWs. In order to determine if a NRPW is a jurisdictional feature a significant nexus analysis is required. A significant nexus analysis will:

> *[a]ssess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of downstream traditional navigable waters.*[92]

The lateral extent of USACE jurisdiction of a drainage feature, in the absence of abutting wetlands, is based on the Ordinary High Water Mark (OHWM), as defined in 33 CFR §328.3(e), which states:

> *The term ordinary high water mark means that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.*[93]

No streams occur within the project area, but a small section of a tidally influenced ditch approximately 115 feet in length occurs within the limits of the wetland determination that was provided for the project. This ditch drains into the salt marsh described above. No other non-wetland waters of the U.S. are depicted on the approved wetland determination.

In accordance with *Executive Order 11990*, potential impacts to wetlands and waters of the United States were quantified and the mitigation of unavoidable impacts was addressed. Potential impacts were calculated for the preliminary construction limits of the alternatives.

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[91] *USACE and USEPA, Clean Water Act Jurisdiction Following the UNITED STATES Supreme Court's Decision in Rapanos v. United States & Carabell v. United States (December 2008)*, http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/RelatedResources/CWAGuidance.aspx (September 3, 2012).

[92] *Ibid*.

[93] USACE, *Regulatory Guidance Letter 05-05, December 2005*, http://www.usace.army.mil/Portals/2/docs/civilworks/RGLS/rgl05-05.pdf (September 3, 2012).

The No-Build alternative would not result in any impacts to wetlands. Based on preliminary construction limits, the proposed project would result in 0.057 acre of clearing and grubbing impact to the isolated freshwater marsh wetland described above. A small portion of the tidally influenced ditch and a small portion of the salt marsh would be crossed by an interchange ramp associated with the proposed project, but the ramp would be elevated, would be supported by piers, and would span these jurisdictional areas without impacting them.

4.7.3 Mitigation

An objective of the *Clean Water Act* is "to restore and maintain the chemical, physical, and biological integrity of the Nation's waters." Toward achievement of this goal, the *Clean Water Act* prohibits the discharge of dredged or fill material into wetlands, streams, and other waters of the United States unless a permit issued by the USACE or approved State under *Clean Water Act* Section 404 authorizes such a discharge.

When there is a proposed discharge, all appropriate and practicable steps must first be taken to avoid and minimize impacts to aquatic resources. For unavoidable impacts, compensatory mitigation is required to replace the loss of wetland, stream, and/or other aquatic resource functions. The USACE (or approved state authority) is responsible for determining the appropriate form and amount of compensatory mitigation required.[94] The USACE and USEPA require a project to adhere to the 'mitigation sequence' of avoidance, minimization and compensation (where impacts must first be avoided and minimized, and then for unavoidable impacts compensation is required).

4.7.3.1 Avoidance

Because the proposed project involves improvements to an existing road network with wetlands and other jurisdictional waters of the United States located adjacent to the road, complete avoidance of impacts is not possible except with the implementation of the No-Build Alternative. The No-Build Alternative would not satisfy the Purpose and Need of the project.

4.7.3.2 Minimization

Minimization of wetland impacts is accomplished by utilizing ramps in the areas of the wetland and other waters of the U.S. crossings. As described above, the tidal ditch and salt marsh would not be impacted due to the incorporation of the elevated ramp into the design. While the freshwater marsh area would be impacted due to clearing and grubbing, the design does not require excavation or filling of this wetland, therefore, while habitat functions would be reduced, some wetland functions such as flood storage and sediment trapping would remain after construction of the proposed project.

Construction activities would be confined within construction limits. Also, during construction, potential temporary impacts to adjacent jurisdictional areas would be minimized by implementing sediment and erosion control measures. Other Best Management Practices (BMPs) would be required of the contractor to ensure compliance with the policies of 23 CFR §650B.

[94] United Stated Environmental Protection Agency, *Compensatory Mitigation Rule: Improving, Restoring, and Protecting the Nation's Wetlands and Streams Questions and Answers*. http://www.epa.gov/owow/wetlands/pdf/Mit_rule_QA.pdf (September 3, 2012).

4.7.3.3 Compensation

Compensatory mitigation may consist of wetland preservation, enhancement, restoration, creation, and/or use of mitigation banks. USACE Permit Number 2005 1N-440, which was issued in April 2007, provided authorization for the impacts associated with the proposed project. A special condition associated with the issuance of this permit required the implementation of the CNC Marine Terminal Mitigation Plan. Compensation for impacts associated with the proposed project is included in this mitigation plan. Mitigation for the 0.057 acre of impact to the freshwater marsh wetland is being provided by debiting credits from the SCDOT's Black River Mitigation Bank. Credits from Black River Mitigation Bank are debited at a ratio of three acres of mitigation for each acre of impact.

4.8 Permits and Certifications

Environmental permits and/or certifications from both state and federal regulatory agencies would be needed for the construction of the Preferred Alternative. Permits are required for activities that are located in or affect waters of the United States, which includes jurisdictional wetlands.

4.8.1 Section 404 Permit

The USACE is authorized under Section 404 of the Clean Water Act of 1972 to issue permits for the placement of dredged or fill material in waters of the United States, including jurisdictional wetlands.

The proposed project was included in the Section 404 Permit for the Port Access Roadway, which was issued April 2007 (USACE Permit Number 2005 1N-440). Mitigation for the 0.057 acre of impact to the freshwater marsh wetland from the proposed project is being provided by debiting credits from the SCDOT's Black River Mitigation Bank as part of the Port Access Roadway project.

4.8.2 Section 401 Water Quality Certification, Critical Area Permit, Coastal Zone Consistency Determination

Projects requiring state or federal permits that would result in a discharge to wetlands and waters of the United States must also obtain a Section 401 Water Quality Certification from SCDHEC-OCRM. Under Section 401 of the Clean Water Act, SCDHEC-OCRM reviews the proposed project and analyzes its potential impact to water quality to ensure that any discharge into jurisdictional areas is in accordance with State water quality standards.

The Coastal Zone Management Act of 1972, as amended, requires that projects within the coastal zone comply, to the maximum extent practicable, with approved state coastal management programs. The South Carolina Coastal Zone Management Act gives SCDHEC-OCRM the authority to promote the economic and social welfare of the citizens, while protecting the sensitive and fragile areas of the coast. SCDHEC-OCRM has direct permitting authority over development in the critical areas of the coastal zone, which includes coastal waters, tidelands, beaches, and the oceanfront beach/dune system. In addition, SCDHEC-OCRM reviews and certifies all state/federal permit applications and activities, as well as issues state stormwater and sediment reduction permits within the coastal zone counties. Since the proposed project is taking place in a coastal county, and in a critical area, a coastal zone consistency determination and a critical area permit would be required from SCDHEC-OCRM.

The SCDHEC-OCRM issued a Section 401 Water Quality Certification, Critical Area Permit, and Coastal Zone Consistency Determination in November 2006 (P/N 2005 1N-440), which was modified in a supplemental decision in February 2007. The proposed project was included as part of this certification.

4.9 Essential Fish Habitat

Federal agencies are required to coordinate with the National Marine Fisheries Service (NMFS) prior to undertaking actions that have the potential to impact essential fish habitats (EFH), which are defined in the Magnuson Stevens Fishery Conservation and Management Act as "those waters and substrate necessary to fish for spawning, breeding, feeding or growth to maturity."

EFH in waters of the study area consists of tidal salt-marsh and adjoining tidally influenced waters. The portion of the study area that contains EFH is limited to a small area of salt-marsh wetlands located between Austin Avenue and I-26, north of Peace Street, see Figure 6. The other wetland within the study area, which is located north of Austin Avenue on the west side of I-26, is an isolated freshwater wetland. Because it is isolated and non-tidal, it is not considered essential fish habitat.

The No-Build Alternative would have no impact to EFH because there is no construction associated with this alternative. The proposed project would not result in direct impacts to the EFH within the tidal marsh associated with an un-named tidal tributary to the Ashley River and the tidally influenced ditch between Austin Avenue and I-26. The portion of the wetland area that is within the limits of the proposed project would be crossed by an elevated ramp that would span the jurisdictional wetland limits; therefore only minor shading would occur. Because the elevated ramp would be situated along the southeastern edge of the salt marsh and would range from 20 to 26 feet above the marsh, shading would occur from mid-morning to mid-day. Pilings would not be placed within the salt marsh, but would be immediately adjacent to them. To minimize the potential for noise impacts to fish species, these could be driven during low tide periods. If these areas were to be disturbed during construction, EFH impacts could occur due to disturbance of sediment that could affect the adjacent salt-marsh and un-named tidal creek. No direct EFH impacts are anticipated as a result of the proposed project therefore coordination with NOAA-NMFS is not required. However, an on-site meeting was held on March 18, 2013 and NMFS indicated that due to the fact the wetlands are of poor quality and would be spanned, they have no EFH impact concerns. If as the project moves forward it becomes apparent that impacts to the salt marsh would result from construction of the interchange, coordination with NOAA-NMFS would be initiated at that time.

4.10 Wild/Scenic Rivers

Based on the list of Wild and Scenic Rivers maintained by the National Park Service (NPS), no rivers or streams in the project area are designated as Wild or Scenic Rivers.

4.11 Floodplains

Executive Order 11988, *Floodplain Management,* requires that efforts be made by federal agencies to avoid, to the extent possible, the long and short-term adverse impacts associated with the occupancy and modification of floodplains. When there is a practicable alternative, federal agencies are required to avoid direct or indirect support of floodplain development. In addition, this E.O. prohibits floodplain encroachments that are uneconomic, hazardous, or would result in incompatible development of the floodplain. The E.O. also prohibits any action that would cause a critical interruption of an emergency transportation facility, a substantial flood risk, or an adverse impact on the floodplain's natural resource values.

The 100-year floodplain boundary delineates the flood elevation that has a one percent chance of being equaled or exceeded each year. All floodplains in the study area are categorized as Zone AE, meaning that the area is a 100-year floodplain for which Base Flood Elevations (BFEs) have been established.[95] The floodway is the "channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height."[96] Encroachments into the floodplain are discouraged, since they remove floodwater storage capacity. If impacts cannot be avoided, measures must be implemented to minimize impacts and restore the floodplain to the extent possible.[97] Federal regulations will allow development in the 100-year floodplain or the floodway if it is demonstrated through hydrologic and hydraulic analysis that the development would meet the requirements set forth by the Federal Emergency Management Agency (FEMA). Encroachment into the floodway is prohibited unless it has been demonstrated that no rise in flood levels would result.[98]

The 100-year floodplain data for the study area was obtained from FEMA Flood Insurance Rate Maps (FIRMs) and is illustrated on Figure 6.[99] As illustrated in the figure, 100-year floodplains exist within the study area adjacent to the Ashley River. This 100-year flood elevation is based on the hurricane storm surge from the Atlantic Ocean.

Based on the preliminary hydrology analysis completed on August 28, 2012, the proposed project should to achieve a "No-Rise" certification (refer to the Bridge Replacement Scoping Trip Risk Assessment Form in Appendix A). The proposed project is not a crossing a water body, and the interchange would be located over the 100-year floodplain that is based on hurricane storm surge from the Atlantic Ocean. Any fill or bridge piers needed for the proposed project would have minimal effects to the 100-year floodplain.

Detailed hydrologic studies would be completed during future design phases of the project, as required by 23 CFR Part 650, Subpart A, Location Floodplains, as well as coordination with the Charleston County Flood Administrator to ensure that the project will meet state and federal requirements.

4.12 Air Quality

4.12.1 National Ambient Air Quality Standards

The National Ambient Air Quality Standards (NAAQS) were established by the USEPA under the *Clean Air Act* (CAA), as amended, to protect public health, the environment, and the quality of life from the detrimental effects of air pollution. The NAAQS have been set for the following criteria pollutants: carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO_2), ozone (O_3), particulate matter (PM), and sulfur dioxide (SO_2). The NAAQS primary standards to protect human health and secondary standards to protect human welfare are listed in Table 6. Mobile sources from on-road vehicles contribute to four of

[95] FEMA, "Zone AE and A1-30," http://www.fema.gov/plan/prevent/floodplain/nfipkeywords/zone_ae.shtm, (August 30, 2012).

[96] FEMA, http://www.fema.gov/national-flood-insurance-program-2/floodway (August 30, 2012).

[97] FEMA, "Executive Order 11988: Floodplain Management," http://www.fema.gov/plan/ehp/ehplaws/eo11988.shtm (August 30, 2012).

[98] FEMA, http://www.fema.gov/national-flood-insurance-program-2/floodway (August 30, 2012).

[99] FEMA, "FIRM Charleston County, South Carolina."

the six criteria pollutants: CO, NO_2, O_3, and PM.[100] These pollutants are discussed in further detail below. Mobile Source Air Toxics (MSAT) and Greenhouse Gases (GHG) issues are to be addressed in project-level decision making within the context of NEPA.

Table 7:
National Ambient Air Quality Standards

Pollutant	Standard			
	Averaging Time	PPM[a]	µG/M^{3}[b]	Type of Standard[c]
Carbon monoxide (CO)	1-hour 8-hour	35 9	- -	Primary Primary
Lead (Pb)	Rolling 3-month average	-	0.15	Primary & Secondary
Nitrogen dioxide (NO_2)	Annual mean 1-hour	0.053 0.10	- -	Primary & Secondary Primary
Ozone (O_3)[d]	8-hour	0.08	-	Primary & Secondary
Particulate matter (diameter less than/equal to 10 µm, PM_{10})	24-hour	-	150	Primary & Secondary
Particulate matter (diameter less than/equal to 2.5 µm, $PM_{2.5}$)	24-hour Annual mean	- -	35 15	Primary & Secondary Primary & Secondary
Sulfur oxides (SO_x)	1-hour 3-hour	0.075 0.5	- -	Primary Secondary

***SOURCE**: USEPA, Office of Air and Radiation, http://www.epa.gov/air/criteria.html (August 26, 2012).*
[a]PPM = parts per million.
[b]µG/M^3 = micrograms per cubic meter.
[c]Primary standards are set to protect public health. Secondary standards are designed to protect public welfare.
[d]The USEPA is currently reconsidering the standards for ozone. Until a decision is reached, the 1997 standard remains in place.

4.12.2 Carbon Monoxide

Carbon monoxide (CO) forms when carbon is not completely burned in fuel. It is an odorless and colorless gas that can temporarily accumulate at harmful levels in areas with heavy traffic congestion or areas that experience inversions during the winter months.[101] In addition, CO aids in the formation of ground-level ozone. CO can be generated by natural sources, such as forest fires, and from

[100] USEPA, "Mobile Source Emissions – Past, Present, and Future," http://www.epa.gov/otaq/invntory/overview/pollutants/index.htm (August 26, 2012).

[101] Inversions occur in the winter months during calm weather when a warm layer of air traps cold air and pollutants closer to the ground. Since CO is more chemically stable at colder temperatures, it can accumulate at harmful levels during inversions. From USEPA, Office of Air and Radiation, "Carbon Monoxide," http://www.epa.gov/air/urbanair/co/index.html (August 26, 2012).

anthropogenic sources including vehicle exhaust, industrial processes, indoor heating, and open burning.[102]

According to the 2008 emissions data, the largest source of CO emissions in Charleston County was from mobile sources, such as on-road and off-road vehicles, aircraft, marine vessels and locomotives.[103] CO is harmful to the respiratory, cardiovascular, and nervous systems since it deprives these systems of oxygen, and at high levels, may cause poisoning and death.[104]

4.12.3 Nitrogen Dioxide

Nitric oxide (NO), the nitrate radical (NO_3), and nitrogen dioxide (NO_2), are collectively called nitrogen oxides (NO_x).[105] NO_x is generally emitted in the form of NO, which is oxidized to NO_2. While most NO_x is odorless and colorless, NO_2 can be seen as a reddish haze. According to 2008 emissions information, the largest sources of NO_x emissions in Charleston County are from mobile sources and fuel combustion.[106]

Due to its ability to be carried over great distances by prevailing winds, NO_x can cause a multitude of different impacts on the environment. NO_x is one of the primary components of ground-level ozone (O_3), which adversely affects the respiratory system.[107] In addition, it can contribute to the formation of acid rain and can combine with other air particles to produce toxic substances, as well as cause deterioration of waterbodies and visibility.

4.12.4 Ozone

Ground-level ozone (O_3) is created when NO_x compounds chemically react with volatile organic compounds (VOCs) in the presence of sunlight.[108] Since sunlight is required for its formation, it is known as a summertime air pollutant and can accumulate in harmful quantities during hot weather and extended periods of sunny weather.[109] Sources of NO_x and VOCs that create O_3 include vehicle exhaust emissions, gasoline vapors, industrial emissions, and chemical solvents. Based on 2008 emissions data for Charleston County, the primary sources of NO_x and VOCs are from mobile sources.[110]

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[102] *Ibid*.

[103] USEPA, Office of Air and Radiation, "State and County Emissions Summaries – CO," http://www.epa.gov/cgi-bin/broker?_service=data&_debug=0&_program=dataprog.state_1.sas&pol=CO&stfips=45 (August 26, 2012).

[104] USEPA, Office of Air and Radiation, "Health and Environmental Impacts of CO," http://www.epa.gov/airquality/carbonmonoxide (August 26, 2012).

[105] USEPA, Office of Air and Radiation, "Nitrogen Oxides", http://www.epa.gov/air/nitrogenoxides/ (August 26, 2012).

[106] USEPA, Office of Air and Radiation, "State and County Emission Summaries – NO_x," http://www.epa.gov/cgi-bin/broker?_service=data&_debug=0&_program=dataprog.national_1.sas&polchoice=NOX (August 26, 2012).

[107] USEPA, Office of Air and Radiation, "Health and Environmental Impacts of NO_x," http://www.epa.gov/air/nitrogenoxides/ (August 26, 2012).

[108] USEPA, Office of Air and Radiation, "Ground-level Ozone," http://www.epa.gov/airquality/ozonepollution/basic.html (August 26, 2012).

[109] *Ibid.*

[110] USEPA, Office of Air and Radiation, "State and County Emission Summaries – VOCs," http://www.epa.gov/air/emissions/voc.htm (August 26, 2012).

While O_3 is beneficial in the upper atmosphere of the earth to shield it from the sun's potent ultraviolet rays, ground-level ozone can be harmful. Once it builds up in the environment, O_3 can cause respiratory problems, especially to those with existing respiratory conditions such as asthma or emphysema.[111]

Ground-level O_3, like NO_x, can be carried far distances by prevailing winds, and can damage plants and ecosystems.[112] The USEPA had been reconsidering the 8-hour ozone standard, but until a ruling is issued, the current 0.08 parts per million standard remains in place.

4.12.5 Particulate Matter

Particulate matter (PM) is separated into two different sizes for the purpose of the NAAQS, $PM_{2.5}$ and PM_{10}. The nomenclature refers to PM with a diameter of 2.5 microns (µm) or less, and 10 µm or less, respectively. PM forms when small solid particles combine with liquid droplets to form dust, dirt, haze, soot, or smoke.[113] These substances can be emitted from primary sources such as unpaved roads, construction sites, fields, or smokestacks. They can also be emitted as a result of secondary reactions of gases released from automobiles and industrial plants.[114] In 2008, the major source of $PM_{2.5}$ in Charleston County was from mobile sources, while the major source of PM_{10} was from road dust.[115]

PM can cause problems to the cardiovascular and respiratory systems, including irregular heartbeat, non-fatal heart attacks, decreased lung function, airway irritation, development of chronic bronchitis, and aggravation of asthma and emphysema.[116] PM is the major cause of haze in the United States, and since it can be carried great distances by prevailing winds, can cause damage to ecosystems and waterbodies wherever it ultimately settles.

Due to the redevelopment of the Naval Base, port expansion, and related transportation projects, concerns have been raised regarding the amount of $PM_{2.5}$ being released into the surrounding communities.[117] In response to this concern, the South Carolina State Ports Authority provided funding to establish and support air quality monitoring in the "Charleston Neck" area. This area is defined as the part of Charleston located between the Cooper and Ashley Rivers, and encompasses the study area. Air quality monitors were installed in the Accabee, Union Heights, Chicora-Cherokee, and Howard Heights neighborhoods, and sampling was conducted in 2008 by the South Carolina Department of Health and Environmental Control. Sampling monitors used at these sites were not the same types of monitors used at the other SCDHEC ambient monitors in Charleston County, which results in a small difference in the amount of $PM_{2.5}$ being shown when comparing the data to the reference locations. While the neighborhood samples showed a greater amount of $PM_{2.5}$ when compared to the reference locations,

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[111] USEPA, Office of Air and Radiation, "Health and Environment – O_3," http://www.epa.gov/air/ozonepollution/health.html (August 26, 2012).

[112] *Ibid.*

[113] USEPA, Office of Air and Radiation, "Particulate Matter," http://www.epa.gov/air/particlepollution/index.html (August 26, 2012).

[114] *Ibid.*

[115] USEPA, Office of Air and Radiation, "State and County Emission Summaries – PM_{10}," http://www.epa.gov/cgi-bin/broker?_service=data&_debug=0&_program=dataprog.national_1.sas&polchoice=PM#pmloc (August 26, 2012).

[116] USEPA, Office of Air and Radiation, "Health and Environment – Particulate Matter," http://www.epa.gov/air/particlepollution/health.html (August 26, 2012).

[117] SCDHEC, *Variability of $PM_{2.5}$ concentrations in the Charleston Neck*, http://www.scdhec.gov/environment/baq/docs/chasneckstudy/CHAS_NECK_QAPP.pdf (August 26, 2012).

there was no indication of any of the concentrations at the neighborhood sample locations being near or above the USEPA daily standard for this pollutant.[118]

4.12.6 Current Status of Air Quality Attainment in the Study Area

In accordance with the CAA, portions of South Carolina are designated as being in either attainment, non-attainment, or unclassifiable for meeting NAAQS standards. An area with air quality that meets the NAAQS standards is considered to be in attainment, while an area with air quality pollution levels that are worse than NAAQS standards is designated as being in non-attainment. If there is a lack of sufficient information for determining an attainment status, the area is designated as unclassifiable. Each state determines which areas within its boundaries are designated to be in attainment or non-attainment, and must develop a State Implementation Plan to ensure that areas achieve and/or maintain attainment status for NAAQS standards.

The study area is located in Charleston County, which is currently in attainment for all NAAQS criteria pollutant standards.[119] Section 176(c) of the CAA requires that proposed projects by federal agencies conform to their respective State Implementation Plans. However, if the proposed project is located entirely within an attainment area, then a general conformity analysis is not required by the CAA. Therefore, the conformity requirements would not apply to the proposed project.

Mobile Source Air Toxics

The USEPA, under the CAA Amendments, has the authority to regulate hazardous air pollutants, or air toxics. Of the 188 hazardous air pollutants, 93 are known to come from mobile sources and are designated as Mobile Source Air Toxics (MSATs).[120] MSATS are toxic chemical compounds that are emitted from both on and off-road vehicles that are known or thought to cause harmful health or environmental effects.[121] Seven of these MSATs, including acrolein, benzene, 1,3-butidiene, diesel particulate matter plus diesel exhaust organic gases (diesel PM), formaldehyde, naphthalene, and polycyclic organic matter, are known to contribute significantly to an increased risk of cancer.[122]

FHWA has provided interim guidance on addressing MSATs in the NEPA analysis through *Memorandum HEPN-10: Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA*.[123] This EA includes a basic analysis of the likely MSAT emission impacts of the proposed project. A qualitative analysis provides a basis for identifying and comparing the potential differences among MSAT emissions, if any, from the various alternatives. However, available technical tools do not enable the FHWA to predict the project-specific health impacts of the emission changes associated with the alternatives in this re-evaluation. Due to these limitations, the following discussion is included in accordance with CEQ regulations (40 CFR §1502.22(b)) regarding incomplete or unavailable information.

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[118] SCDHEC, Charleston Neck Study, Charleston Neck Graph, February 2009, http://www.scdhec.gov/environment/baq/docs/chasneckstudy/AboutNeckGraph.pdf (August 26, 2012).

[119] USEPA, Office of Air and Radiation, "Green Book: Currently Designated Nonattainment Areas for All Criteria Pollutants," http://www.epa.gov/air/oaqps/greenbk/ancl3.html (August 26, 2012).

[120] FHWA, *HEPN-10: Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA,* December 6, 2012, http://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/aqintguidmem.cfm (February 1, 2013).

[121] USEPA, Mobile Source Air Toxics Website, http://www.epa.gov/otaq/toxics.htm (February 1, 2013).

[122] FHWA, *HEPN-10: Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA,* December 6, 2012, http://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/aqintguidmem.cfm (February 1, 2013).

[123] *Ibid.*

In FHWA's view, information is incomplete or unavailable to credibly predict the project-specific health impacts due to changes in MSAT emissions associated with a proposed set of highway alternatives. The outcome of such an assessment, adverse or not, would be influenced more by the uncertainty introduced into the process through assumption and speculation rather than any genuine insight into the actual health impacts directly attributable to MSAT exposure associated with a proposed action.

The USEPA is responsible for protecting the public health and welfare from any known or anticipated effect of an air pollutant. They are the lead authority for administering the CAA and its amendments and have specific statutory obligations with respect to hazardous air pollutants and MSATs. The USEPA is in the continual process of assessing human health effects, exposures, and risks posed by air pollutants. The USEPA maintains the Integrated Risk Information System (IRIS), which is "a compilation of electronic reports on specific substances found in the environment and their potential to cause human health effects."[124] Each report contains assessments of non-cancerous and cancerous effects for individual compounds and quantitative estimates of risk levels from lifetime oral and inhalation exposures with uncertainty spanning perhaps an order of magnitude.

Other organizations are also active in the research and analyses of the human health effects of MSATs, including the Health Effects Institute (HEI). Two HEI studies are summarized in Appendix D of FHWA's *Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA*.[125] Among the adverse health effects linked to MSAT compounds at high exposures are cancer in humans in occupational settings; cancer in animals; and irritation to the respiratory tract, including the exacerbation of asthma. Less obvious is the adverse human health effects of MSAT compounds at current environmental concentrations,[126] or in the future as vehicle emissions substantially decrease.[127]

The methodologies for forecasting health impacts include emissions modeling; dispersion modeling; exposure modeling; and then final determination of health impacts - each step in the process building on the model predictions obtained in the previous step. All are encumbered by technical shortcomings or uncertain science that prevents a more complete differentiation of the MSAT health impacts among a set of project alternatives. These difficulties are magnified for lifetime (i.e., 70 year) assessments, particularly because unsupportable assumptions would have to be made regarding changes in travel patterns and vehicle technology (which affects emissions rates) over that time frame, since such information is unavailable.

It is particularly difficult to reliably forecast 70-year lifetime MSAT concentrations and exposure near roadways; to determine the portion of time that people are actually exposed at a specific location; and to establish the extent attributable to a proposed action, especially given that some of the information needed is unavailable.

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[124] USEPA, Integrated Risk Information System, http://www.epa.gov/ncea/iris/index.html (February 1, 2013).

[125] FHWA, *HEPN-10: Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA,* December 6, 2012, http://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/aqintguidmem.cfm (February 1, 2013).

[126] HEI, *Mobile-Source Air Toxics: A Critical Review of the Literature on Exposure and Health Effects,* Special Report 16, January 2008, http://pubs.healtheffects.org/view.php?id=282 (February 1, 2013).

[127] HEI, *A Special Report of the Institute's Panel on the Health Effects of Traffic-Related Air Pollution,* Special Report 17, May 2009, http://pubs.healtheffects.org/getfile.php?u=306 (February 1, 2013).

Regarding air dispersion modeling, an extensive evaluation of USEPA's guideline CAL3QHC model was conducted in a National Cooperative Highway Research Program (NCHRP) study,[128] which documents poor model performance at ten sites across the country – three where intensive monitoring was conducted plus an additional seven with less intensive monitoring. The study indicates a bias of the CAL3QHC model to overestimate concentrations near highly congested intersections and underestimate concentrations near uncongested intersections. The consequence of this is a tendency to overstate the air quality benefits of mitigating congestion at intersections. Such poor model performance is less difficult to manage for demonstrating compliance with NAAQS for relatively short time frames than it is for forecasting individual exposure over an entire lifetime, especially given that some information needed for estimating 70-year lifetime exposure is unavailable. It is particularly difficult to reliably forecast MSAT exposure near roadways, and to determine the portion of time that people are actually exposed at a specific location.

There are considerable uncertainties associated with the existing estimates of toxicity of the various MSATs, because of factors such as low-dose extrapolation and translation of occupational exposure data to the general population, a concern expressed by HEI.[129] As a result, there is no national consensus on air dose-response values assumed to protect the public health and welfare for MSAT compounds, and in particular for diesel PM. The USEPA[130] and the HEI[131] have not established a basis for quantitative risk assessment of diesel PM in ambient settings.

There is also the lack of a national consensus on an acceptable level of risk. The current context is the process used by the EPA as provided by the Clean Air Act to determine whether more stringent controls are required in order to provide an ample margin of safety to protect public health or to prevent an adverse environmental effect for industrial sources subject to the maximum achievable control technology standards, such as benzene emissions from refineries. The decision framework is a two-step process. The first step requires EPA to determine an "acceptable" level of risk due to emissions from a source, which is generally no greater than approximately 100 in a million. Additional factors are considered in the second step, the goal of which is to maximize the number of people with risks less than 1 in a million due to emissions from a source. The results of this statutory two-step process do not guarantee that cancer risks from exposure to air toxics are less than 1 in a million; in some cases, the residual risk determination could result in maximum individual cancer risks that are as high as approximately 100 in a million. In a June 2008 decision, the U.S. Court of Appeals for the District of Columbia Circuit upheld EPA's approach to addressing risk in its two step decision framework. Information is incomplete or unavailable to establish that even the largest of highway projects would result in levels of risk greater than deemed acceptable.

[128] USEPA, "Alternative Atmospheric Dispersion Models - HYROAD," http://www.epa.gov/scram001/dispersion_alt.htm#hyroad (February 1, 2013).

[129] HEI, *Mobile-Source Air Toxics: A Critical Review of the Literature on Exposure and Health Effects,* Special Report 16, January 2008, http://pubs.healtheffects.org/view.php?id=282 (February 1, 2013).

[130] USEPA, "Basic Information," http://www.epa.gov/risk/basicinformation.htm#g (February 1, 2013).

[131] HEI, *Summary of Studies of Diesel Exhaust,* Special Report 16, November 2007, http://pubs.healtheffects.org/getfile.php?u=395 (February 1, 2013).

Because of the limitations in the methodologies for forecasting health impacts described, any predicted difference in health impacts between alternatives is likely to be much smaller than the uncertainties associated with predicting the impacts. Consequently, the results of such assessments would not be useful to decision makers, who would need to weigh this information against project benefits, such as reducing traffic congestion, accident rates, and fatalities plus improved access for emergency response, that are better suited for quantitative analysis.

MSAT Environmental Consequences

FHWA has developed a tiered approach for analyzing MSATs in NEPA documents. Depending on the specific project circumstances, FHWA identified three levels of analysis:

- No analysis for projects with no potential for meaningful MSAT effects;
- Qualitative analysis for projects with low potential MSAT effects;
- Quantitative analysis for projects with higher potential MSAT effects.

The proposed action is a "Qualitative analysis for projects with low potential MSAT effects." The qualitative assessment presented below is derived in part from a study conducted by the FHWA entitled *A Methodology for Evaluating Mobile Source Air Toxic Emissions Among Transportation Project Alternatives*.[132]

For the Preferred Alternative, the amount of MSAT emitted would be proportional to the vehicle miles traveled (VMT), assuming that other variables such as fleet mix are the same for each alternative. The VMT estimated for the Preferred Alternative is slightly higher than that for the No-Build Alternative, because the interchange would facilitate new development that attracts trips that would not otherwise occur in the area. This increase in VMT means MSAT under the Preferred Alternative would probably be higher than the No-Build Alternative in the study area. There could also be localized differences in MSAT from indirect effects of the project such as associated access traffic, emissions of evaporative MSAT (e.g., benzene) from parked cars, and emissions of diesel particulate matter from delivery trucks (modify depending on the type and extent of the associated development). Travel to other destinations would be reduced with subsequent decreases in emissions at those locations.

For the Preferred Alternative, emissions are virtually certain to be lower than present levels in the design year as a result of EPA's national control programs that are projected to reduce annual MSAT emissions by 83 percent from 1999 to 2050 (Figure 7). Local conditions may differ from these national projections in terms of fleet mix and turnover, VMT growth rates, and local control measures. However, the magnitude of the EPA-projected reductions is so great (even after accounting for VMT growth) that MSAT emissions in the study area are likely to be lower in the future than they are today.

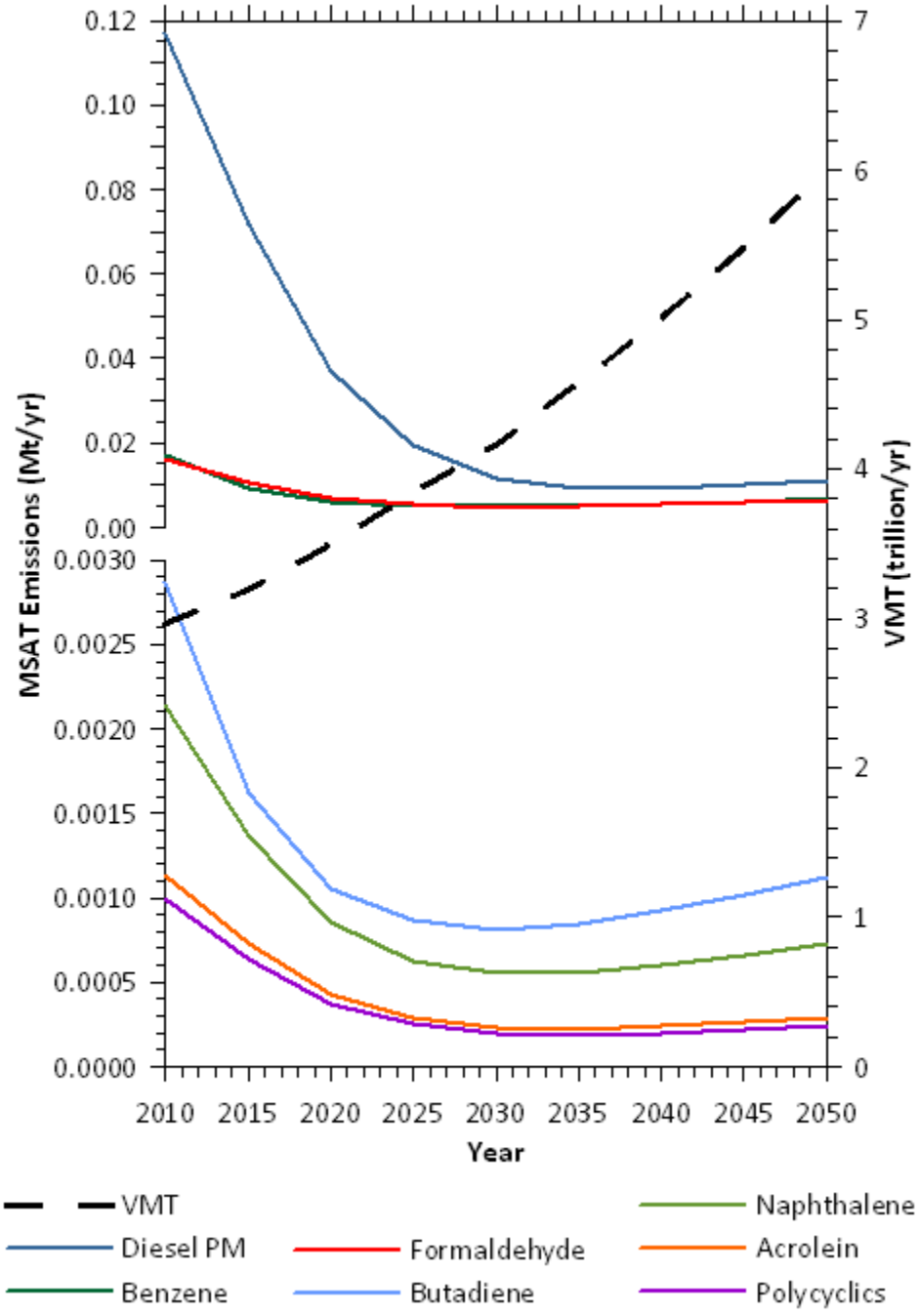
The interchange ramps planned as part of the proposed project would have the effect of providing traffic a method for connecting to the interstate that does not use local streets; thereby moving traffic away from most nearby communities. However, there may be localized areas where ambient concentrations of MSAT would be higher with the Preferred Alternative due to the new interchange

[132] FHWA, *A Methodology for Evaluating Mobile Source Air Toxic Emissions Among Transportation Project Alternatives,* http://www.fhwa.dot.gov/environment/air_quality/air_toxics/research_and_analysis/methodology/methodology00.cfm (February 1, 2013).

ramps being constructed to replace the existing ramps on Spruill Avenue currently located approximately 700 feet to the north of the proposed interchange on Meeting Street. The localized differences in MSAT concentrations would likely be most pronounced along the existing roadway sections of Spruill Avenue and Meeting Street near the existing and proposed interchanges under the Preferred Alternative. However, the magnitude and the duration of these potential increases cannot be reliably quantified due to incomplete or unavailable information in forecasting project-specific MSAT health impacts. Further, overall future MSAT are expected to be substantially lower than today due to implementation of EPA's vehicle and fuel regulations.

In sum, under the Preferred Alternative in the design year, it is expected there would be slightly higher MSAT emissions in the study area relative to the No-Build Alternative due to increased VMT. There also could be increases in MSAT levels in a few localized areas where VMT increases. However, EPA's vehicle and fuel regulations will bring about significantly lower MSAT levels for the area in the future than today.

Figure 7: National MSAT Emission Trends 1999-2050
for Vehicles Operating on Roadways Using EPA's MOVES2010b Model



Greenhouse Gases

The USEPA has not established national standards or criteria for greenhouse gas emissions. While the FHWA is actively engaged in many activities with the USDOT Center for Climate Change to develop strategies to reduce transportation's contribution to greenhouse gases, and to assess the risks to the transportation systems and services from climate change. The FHWA will review and update its approach to climate change at both the project and policy level as more information emerges and as policies and legal requirements evolve.

4.13 Noise

As stated in 23 CFR 772, a traffic noise analysis is required for proposed Federal-aid highway projects that will construct a highway on new location or physically alter an existing highway, which will significantly change either the horizontal or vertical alignment of the road or increase the number of through-traffic lanes.

A noise analysis was conducted to determine existing noise levels, and to evaluate future noise levels, their associated impacts, and the feasibility of noise mitigation measures associated with the Preferred Alternative.

The FHWA Traffic Noise Model (TNM version 2.5, released April 2004) was used in the analysis to compare existing and future noise levels. The analysis was performed in accordance with the procedures outlined in 23 CFR Part 772, Procedures for Noise Abatement of Highway Traffic Noise and Construction Noise and the SCDOT Traffic Noise Abatement Policy. The Noise Technical Memorandum is included in the Appendix.

4.13.1 Noise Abatement Criteria

To determine if highway noise levels are compatible with various land uses, the FHWA has developed noise abatement criteria and procedures to be used in the planning and design of highways. These abatement criteria and procedures are in accordance with Title 23 Code of Federal Regulations (CFR), Part 772, U.S. Department of Transportation, FHWA, Procedures for Noise Abatement of Highway Traffic Noise and Construction Noise. A summary of FHWA Noise Abatement Criteria (NAC) for various land uses is presented in Table 7.

According to FHWA and SCDOT traffic noise policy, "approaching" the NAC is defined as being within one dBA of the NAC. All properties covered by NAC B (generally residential) that have a calculated L_{eq} value of 66 dBA or higher would "approach or exceed" the 67 dBA NAC B criterion. All properties covered by NAC E (hotels, offices, restaurants) with a L_{eq} value of 71 dBA or higher would "approach or exceed" the 72 dBA NAC C criteria. Properties covered by NAC F have no noise level criteria. A 15 dBA increase is defined by SCDOT as a substantial increase.

Table 8:
Noise Abatement Criteria (NAC)

Activity Category	Activity Criteria Leq(h)	Evaluation Location	Activity Description
A	57	Exterior	Lands on which serenity and quiet are of extra ordinary significance & serve an important need & where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B\3	67	Exterior	Residential
C\3	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, daycare centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails, and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E\3	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	-	-	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities(water resources, water treatment, electrical), and warehousing
G	-	-	Undeveloped lands that are not permitted

**Either Leq(h) or L10(h) (but not both) may be used on a project.*
†The Leq(h) and L10(h) Activity Criteria values are for impact determination only and are not design standards for noise abatement measures.
‡Includes undeveloped lands permitted for this activity category.

Source: U.S. 23 CFR, Part 772, USDOT, FHWA

When a traffic noise impact occurs, noise abatement measures must be considered. A noise abatement measure is any positive action taken to reduce the impact of traffic noise on an activity area. For the areas where impacts are identified, methods of noise abatement are evaluated to determine the feasibility and reasonableness of their implementation. The evaluation is based on many factors, some of which include constructability, topography, cost, height of wall, and whether changes in existing land use are expected.

4.13.2 Existing Noise Levels

Field measurements were taken at six (6) representative locations in the project area using a calibrated Type II SoundPro DL-2 sound level meter during the morning peak hours, see Table 8. A map showing the noise measurement locations is shown in Figure 8 and field notes are included in Noise Technical Memorandum in the Appendix.

Table 9:
Traffic Counts for Field Measurements of Existing Noise Levels

Site	Time	Hourly Traffic Based on Concurrent Traffic Counts								Measured Leq
		Southbound lanes				Northbound lanes				
		Autos	MT	HT	Speed	Autos	MT	HT	Speed	
1	8:40 am	228	4	52	45	168	8	100	45	76.6dB
2	8:57 am	80	12	4	45	68	0	4	45	67.4dB
3	4:15 pm	3,740	20	60	65	3,800	60	100	65	73.0dB
4	7:24 am	28	0	8	45	32	0	4	45	66.4dB
5	7:47 am	2,420	40	40	65	2,420	40	40	65	71.4dB
6	8:41 am	192	4	8	45	160	8	8	45	63.3dB

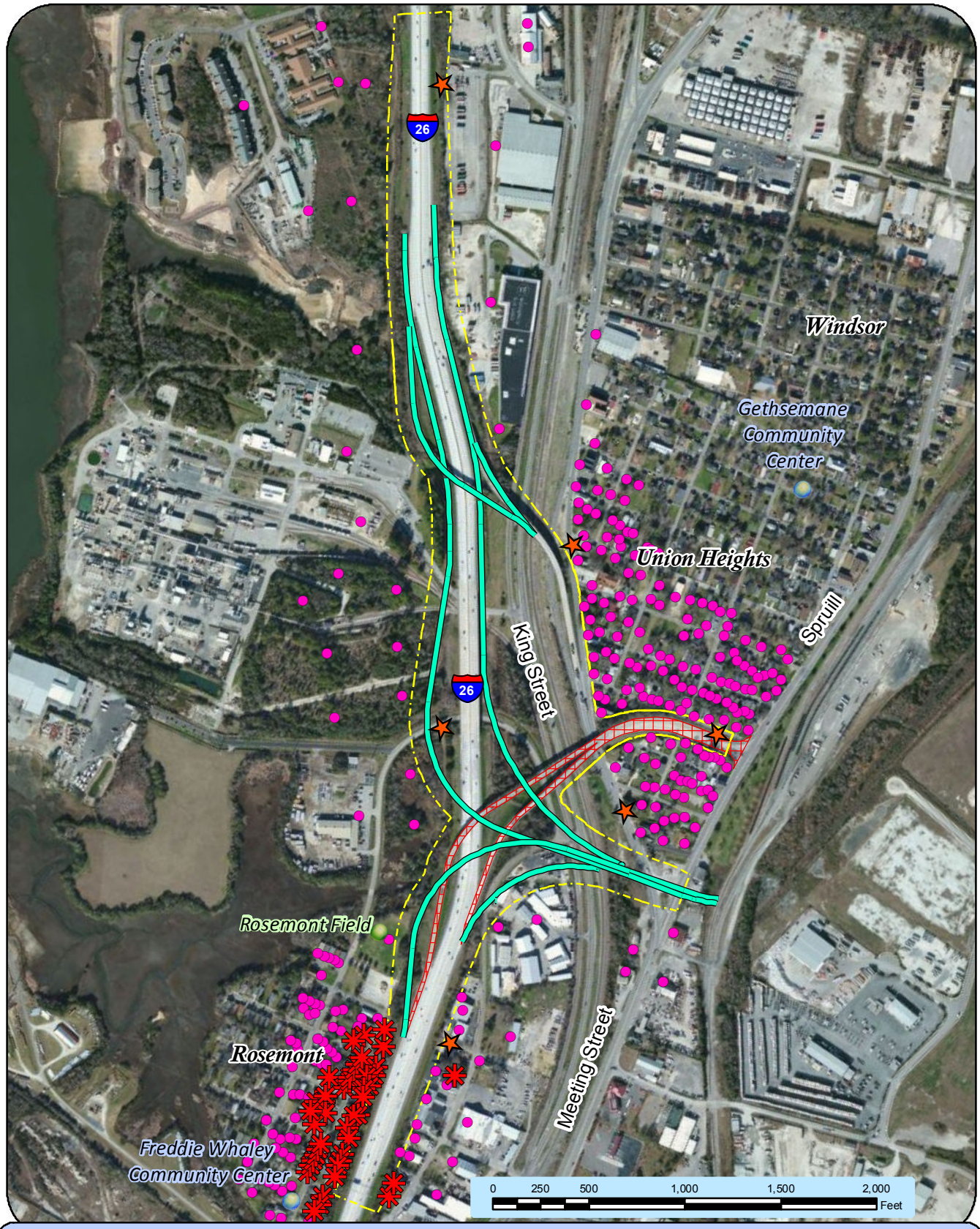
MT = Medium Trucks *HT = Heavy Trucks*
Notes:

Ambient noise measurements were taken in the project area in order to verify the accuracy of the Traffic Noise Model (TNM) noise level projections for this project and to establish baseline conditions. The actual locations of roadways and receptors were input using the coordinate geometry system. Traffic volumes for each vehicle type observed during the test periods were converted to hourly values and modeled in TNM in order to calculate the noise levels for comparison with the noise levels actually measured using the noise meter. Table 9 lists each measurement site along with the field measured noise level and the corresponding computer generated (TNM) noise level.

Table 10:
Field Measurement vs. TNM Prediction

Field Location	Land Use Type	Field Measurement (dBA)	TNM Predictions (dBA)	Difference +/-
Site # 1	Residential	76.6	73.9	-2.7
Site # 2	Residential/Church/Business	67.4	65.4	-2.0
Site # 3	Industrial	73.0	73.9	0.9
Site # 4	Industrial/Undeveloped	66.4	64.3	-2.1
Site # 5	Industrial	71.4	69.9	-1.5
Site # 6	Residential	63.3	65.3	2.0

A review of the results indicates that the TNM computer model predicted noise levels range between 64.3 dBA and 73.9 dBA. In two of the six cases, the field measured noise levels were higher than TNM predicted. Where TNM predicted lowers noise levels, factors such as background noise from horns and other outside factors were noted. Usually, a result within a range of 3 dBA is considered valid if no background noise is present. Based on the overall results from TNM prediction, the model is considered valid.



Study Area Boundary
Proposed Ramps
Ramps to be removed
Receivers
Noise Impacts
Noise Measurements

Figure 8

Noise Receivers

4.13.3 Noise Level Projections

The noise analysis process also involves predicting noise levels at various representative locations utilizing the FHWA TNM program (Version 2.5, February 2004). The TNM program performs the noise level predictions by constructing a three-dimensional terrain model encompassing the location of the noise sources and the receptors. Other input variables include traffic data, speed, vehicle breakdown, and ground elevation. See Table 10 for traffic data used in the TNM model.

Table 11:
TNM Traffic Data

	DHV	Cars (.95)	Medium Truck (.03)	Heavy Truck (.02)	Total
2009					
I-26	6300	6048	150	102	6300
Ramps A-D	290	278	7	5	290
2035 No-Build					
I-26	7380	7086	174	120	7380
Ramps A, B	350	336	8	6	350
Ramps C, D	320	307	8	5	320
2035 Build					
I-26	7380	7086	174	120	7380
Ramps A, D	513	492	12	8	512
Ramps B, C	482	463	12	8	483
Ramps G, H	320	307	8	5	320

Receptor location is the specific location of an outdoor area where frequent human activity occurs that might be impacted by highway traffic noise and may benefit from reduced noise levels. TNM model assigns receptor elevations at five (5) feet above the existing ground level to simulate the height of a person's ear and thus, the noise level that a person perceives.

Three hundred eighteen (318) receptor locations were modeled, representing 318 residential, churches, recreation areas and centers, restaurant, vacant lots, commercial and industrial properties. These receptors were identified as either NAC Category B, Category C or Category E. (Table 11).

In addition, SCDOT's Traffic Noise Abatement Policy identifies other non-residential uses that are noise sensitive receptors where quiet is important for normal activities including schools, preschools, daycares, places of worship, hospitals, parks, and campgrounds. The location of the receptor in these cases will be dictated by the location of the noise source and the exterior activity that will be impacted, if any. Seven churches, one community center, three recreation areas, one funeral home, and one health care facility were identified within the project area. The following equation, if required, was used to determine the equivalent number of impacted receivers:

*Equivalent # Residents = # Occupants/(# People/Residence) * Usage*

# of Occupants = # of students in a school or the # of people in a congregation. For parks, an attempt should be made to contact the owner/operator of the park to estimate the average number of people that utilize the park.

# of People/Residence = Average number of people per residence as defined by the 2010 U.S. Census for the particular project area. For example the average number of people per occupied household for North Charleston, South Carolina is 2.5 according to the 2010 U.S Census. This was rounded to 3 people per residence.

Usage = # of hours used per day/24 hours per day
If school is in session with children for 8 hours per day
Usage = .33 (8 hours divided by 24 hours)

Noise level projections were conducted for the 2035 No-Build and 2035 Build scenarios and compared to existing noise levels. In the existing 2009 scenario, noise levels approached or exceeded the FHWA noise abatement criteria of 66 dBA at 50 receptors representing 47 residences, one baseball field and one picnic area; in addition, noise levels approached or exceeded the NAC of 66 dBA at one receiver representing 3 empty lots. The existing noise levels ranged from 51.7 dBA to 74.4 dBA.

In the future 2035 No-Build scenario, noise levels approached or exceeded the FHWA noise abatement criteria of 66 dBA at 55 receptors representing 52 residences, one baseball field and one picnic area; in addition, noise levels approached or exceeded the NAC of 66 dBA at one receiver representing 3 empty lots. The predicted noise levels ranged from 52.4 dBA to 75.1 dBA.

The future 2035 Build scenario, noise levels approached or exceeded the FHWA noise abatement criteria of 66 dBA at 55 receptors representing 52 residences, one baseball field and one picnic area; in addition, noise levels approached or exceeded the NAC of 66 dBA at one receiver representing 3 empty lots. The predicted noise levels ranged from 52.0 dBA to 75.2 dBA.

Table 12:
Summary of Impacted Receivers

NAC Category	Land Use Type	NAC Criteria dBA	Impacted Receivers			Impact Type (Build)
			2009 Existing	2035 No-Build	2035 Build	
B	Residences	66	47	52	52	Sound Level
C	Recreation Area	66	2	2	2	Sound Level
C	Empty Lots	66	1	1	1	Sound Level

For impacted receivers that fell into Category C, Table 12 shows the calculations used to determine the equivalent number of residents.

Table 13
Equivalent Residents Calculations for Non-residential Uses

Name	Land Use Type	Number of Occupants	Usage	Number of Residents
Rosemont Picnic Area	Recreation	50	6 hours/day	4.1 (5)
Rosemont Field	Recreation	100	6 hours/day	8.3 (9)
Freddie Whaley Community Center	Recreation	100	8 hours/day	11

**All calculations used 3 people per residence.*

No receptors have a significant increase (15 dBA) in noise levels under the 2035 predictions. Tables showing noise levels for all receptors are included in Appendix B of the Noise Technical Memorandum in Appendix C.

4.13.4 Noise Abatement

In accordance with 23 CFR Part 772, noise abatement measures must be considered for reducing or eliminating noise levels to impacted receivers. The following abatement options were considered:

- Alignment Alterations - For noise abatement, a horizontal alignment selection is primarily a matter of placing the roadway at a sufficient distance from noise sensitive areas. This method was used during the development of Build Alternatives and has been implemented through the entire process.

- Traffic System Management Measures - Traffic management measures even though feasible are usually not considered appropriate for noise abatement due to their effect on the capacity and level-of-service to meet future demands of the proposed roadway. Any further reduction in the proposed speed limit or other traffic management measures are not considered appropriate for noise abatement due to their effect on the capacity and level–of-service of the proposed project and would not be reasonable.

- Noise Barriers - This type of mitigation involves construction of solid mass barriers to effectively diffract, absorb, and reflect highway traffic noise. These may include earth berms and/or noise walls. The evaluation of the reasonableness and feasibility of noise wall construction is based on many factors, some of which include constructability, cost, height, anticipated noise increase, noise reduction obtained, number of receptors benefited, residents' views, land use type, and whether land use changes are expected.

4.13.5 SCDOT Noise Barrier Evaluation Process

SCDOT has established criteria for use in this evaluation process. Feasibility is primarily concerned with the engineering aspects of a noise abatement measure, including:

- *Acoustic Feasibility*: the noise abatement measure must achieve a noise reduction of at least 5 dBA for 75% of those receivers determined to be impacted.
- *Engineering Feasibility*: Feasibility deals with engineering considerations that may limit noise reduction such as topography, safety, utilities and drainage, maintenance, access and wall height.

Reasonableness is based on common sense and good judgment. Three factors must be met in order for a noise abatement measure to be deemed reasonable:

- *Viewpoints of the property owners and residents of the benefited receptors:* SCDOT shall solicit the viewpoints of all of the benefited receptors and document a decision on either desiring or not desiring the noise abatement measure.

- *Cost effectiveness:* The allowable cost of the abatement will be based on a construction cost of $35.00 per square foot, which is divided by the number of benefited receptors. If the cost per benefited receptor is less than $30,000 then the barrier is determined to be cost effective.

- *Noise reduction design goal:* A noise reduction of at least 8 dBA must be achieved for 80% of those receivers determined to be benefited.

For this study, two noise barriers were studied along the corridor and tested for feasibility and reasonableness. Feasibility and Reasonableness Worksheets for each barrier are included in the Noise Technical Memorandum in the Appendix. See Figure 9 for barrier locations.

4.13.6 Barrier 01

This barrier is located along the southwestern lanes of I-26, beginning at Hagood Street and extending approximately 2,119 feet northwest along I-26, near Rosemont Field in Rosemont neighborhood. The average height of the barrier wall is 24 feet.

Based on the noise barrier analysis, there were fifty-four (54) impacted receivers; 100% of these residences received at least a 5 dBA reduction in noise levels and 100% of benefited residences had at least an 8 dBA reduction in noise levels. The wall would cost $1,780,032 or approximately $18,163 per benefited receptor and was deemed reasonable and feasible at the preliminary level of analysis. Because this noise barrier has been included as an environmental commitment in the ROD issued for the NBT, a detailed noise barrier analysis will not be conducted. See the Feasibility and Reasonableness Worksheet included in Noise Technical Memorandum in Appendix C.

4.13.7 Barrier 02

This barrier is located along the northeastern lanes of I-26, beginning near the southern end of Summerville Avenue and extending approximately 317 feet northwest along I-26. The average height of the barrier wall is 8.76 feet.

Based on the noise barrier analysis, there were two impacted receivers; 100% of impacted residences received at least a 5 dBA reduction in noise levels and 100 percent of benefited residences had at least an 8 dBA reduction in noise levels. The wall would cost $48,529 per benefited receptor and was deemed not reasonable or feasible. See Feasibility and Reasonableness Worksheet included in Noise Technical Memorandum in Appendix D.

4.13.8 Statement of likelihood for Barrier 01

As part of the Record of Decision (ROD) for Port EIS project a noise barrier was identified as part of the compensatory mitigation for residences in the Rosemont neighborhood. Based on the preliminary study completed by SCDOT thus far, SCDOT agrees, that highway traffic noise abatement measures in the form of a barrier (Barrier 1) is warranted. Barrier 1 is located along the southwestern lanes of I-26, beginning at Hagood Street and extending approximately 2,119 feet northwest along I-26, near Rosemont Field in Rosemont neighborhood. A final design including the installation of the abatement measure will be made upon completion of the project's design build phase of project development.



Figure 9

Noise Barriers

Ramps to be removed

Barriers

PORT ACCESS ROAD INTERCHANGE AT I-26

Environmental Assessment

4.14 Hazardous Materials

Hazardous materials are generally defined as any material that has or will have, alone or when combined with other materials, a harmful effect on humans or the natural environment. They may be characterized as reactive, toxic, infectious, flammable, explosive, corrosive, or radioactive and can be in the form of a solid, sludge, liquid, or gas.[133] Hazardous materials and waste sites are regulated primarily by the Resource Conservation and Recovery Act of 1976 (RCRA), as amended; the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA); and the Superfund Amendments and Reauthorization Act of 1986 (SARA).

An assessment of the project area was performed in order to identify the presence of potentially hazardous materials or waste sites. A site is defined as having hazardous materials, generating hazardous waste, possessing aboveground or underground storage tanks (ASTs and USTs), leaking USTs (LUST), contaminating groundwater, releasing oil or a hazardous substance, or any facility that is proposed to or listed on the National Priorities List. Potential hazardous materials facilities include gas stations, landfills, salvage yards, industrial sites, as well as any site containing ASTs or USTs. These sites may presently use or have a past history of use of a hazardous material(s).

A Phase I environmental site assessment was completed for the Port Access Road, which included the proposed interchange. Environmental Data Resources, Inc. (EDR) provided the search of federal, state and local databases for regulated sites and/or sites of environmental concern. The ASTM International's standards for Environmental Site Assessment's appropriate search distance were used for the various database searches. Site visits of properties accessible during the study were conducted including interviews of owners and government officials. A historical search of maps and documents was also conducted to assist in identify parcel that are of environmental concern due to past uses.

This environmental site assessment revealed a total of twelve sites containing 23 tracts of land that were identified within the project study area. Of the twelve sites, three have been identified on regulator databases, and nine were identified as sites of environmental concerns due to historic uses. These twelve sites have been identified as being impacted by the proposed right of way (ROW) and are described in Table 13. These twelve sites are also shown in Figure 10.

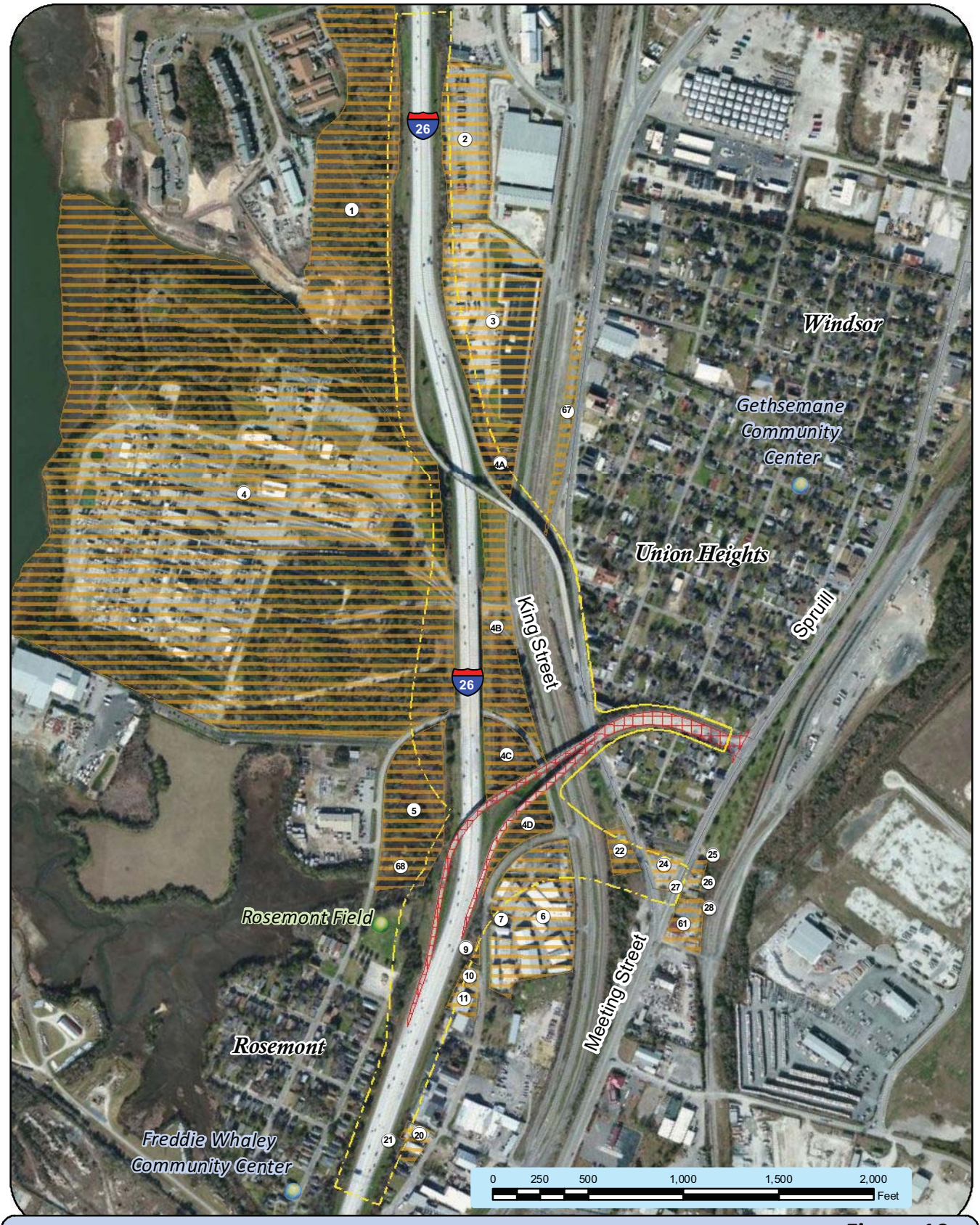
[133] RCRA Subtitle C, 40 CFR Part 251

Table 14:
Potentially Impacted Hazardous Materials Sites

Tract	Site Name	Address	Description of Activity	Type of Impact
1/66	Swift Agri-Chem Corporation	See Map	Brownfields, VCP,CERCLIS, SHWS, GWCI, FINDS, and Allsites database	Minor ROW required
4/4A/4B 4C/4D	Rhodia and Mobile Chemical Company	See Map	GWCI, , LUST, UST RCR, Spills, Corracts, ARIS, CERC-NFRAP, SHWS, SSTS, RCRA-LQG, TRIS, and RCRA TSDF	Minor ROW required from 4 and 4A and all the remaining parcels will be total takes.
5/68	Van Ness Sign & Leasing Site	See Map	Brownfields, VCP, SHWS, and Allsites database	Minor ROW required
6	Gas tank	See Map	Historical	Minor ROW required
9/10/11	Southern Chemical and Professional Carpet Sales	See Map	Historical	Minor ROW required
20	Machine shop	See Map	Historical	Minor ROW required
22	Automobile junk yard/ auto shop	See Map	Historical	Minor ROW required
24	Gasoline station	See Map	Historical	Minor ROW required
25	Repair shop	See Map	Historical	Minor ROW required
26	Atlantic Pest Control Company	See Map	Historical	Minor ROW required
28/61	Truck repair shop	See Map	Historical	Minor ROW required
1/2/3		See Map	Historical	Minor ROW required

Source: Phase I Environmental Site Assessment Port Access Road, North Charleston, South Carolina, January, 2011, S&ME Project No. 1131-08-554

A Phase II Environmental Site Assessment has been initiated and according to a memo dated June 29, 2012 (see Appendix E) sampling has occurred at 26 locations. Currently all of the sample locations have been within SCDOT right of way. Sampling at a majority of the properties impacted by the proposed interchange including both the Rhodia and Rick Bybee sites have not been completed due to accessibility and/or other issues. At this time in project development construction impacts are preliminary and these sites will need to be kept in mind as the project develops. The Phase II progress should be continued to be tracked throughout project development and be made a part of the construction documents.



Study Area Boundary

Ramps to be removed

Hazmat Parcels

Figure 10

Hazardous Materials

PORT ACCESS ROAD INTERCHANGE AT I-26

Environmental Assessment

There are ten sites containing 18 tracts of land being considered as relocations. Three of the relocations are identified as billboards, two as personal property, and five business relocations. The amounts of right of way required from each site vary from minor amounts to total takings. Relocations also include Tract# 21 (residential) and Tract# 27 (business); neither of these tracts was considered as sites of environmental concerns. It should be noted that Track# 21 contains a septic tank. Tract# 21 is located at 2224 Odessa Street, and Tract# 27 is located at 2120 Spruill Avenue.

Should previously unknown contamination be discovered as the project moves forward, the contamination (contaminated soil and/or groundwater within the right of way) would be removed and properly disposed of prior to the initiation of construction activities at that site.

4.15 Cultural Resources

Section 106 of the National Historic Preservation Act of 1966 as amended requires federal agencies to consider the effects of their actions on historic properties. In accordance with 36 CFR 800.4, archival research and coordination with the State Historic Preservation Officer (SHPO) was performed to identify and help predict the locations of significant cultural resources in the vicinity of the proposed action. A cultural resources survey was conducted to provide the necessary management data to allow for the sites and properties to be evaluated for recommendations of eligibility to the National Register of Historic Places (NRHP).

The architectural portion of the cultural resources survey was conducted in order to identify historic resources (defined as fifty years or older), determine eligibility for listing on the NRHP, and assess the project's potential effect on eligible properties within the designated project Area of Potential Effect (APE). The following previous surveys were conducted in the area of the proposed action were used to identify historic resources and assess the proposed project's potential to affect eligible historic resources: the *Historic Properties Assessment for the Proposed Marine Container Terminal, Charleston Harbor, South Carolina* (Poplin and Salo 2005) and the *Cultural Resources Survey of the Proposed Access Road Alternate Alignments, South Carolina State Ports Authority's Charleston Naval Center Marine Container Terminal Project, Charleston County, South Carolina* (Poplin, et al. 2006). See the Appendix for Cultural Resources Technical Memorandum.

The APE developed for the proposed project is a 300-foot buffer surrounding the study area limits, see Figure 11. Historic resources identified within the APE for the proposed project that were found to be eligible are Resource #s 4286, 4306, and 4309. Resource #4286 was a firehouse and Resources #4306 and #4309 are Freedmen Cottages. Since the study in 2006, Resource #4286 has been demolished. Both of the previous studies recommended that the proposed project would have no affect to historic properties. SHPO concurred with these findings on June 30, 2006, see Appendix F.

Two literature reviews on previous archaeological research in the area was conducted. Both literature reviews determined that because the area for the proposed project crosses recently man-made lands or areas that are heavily developed, then there was little or no potential for intact archaeological deposits existing within the APE. Therefore, no further archaeological investigation was warranted. SHPO concurred with these findings on June 30, 2006.

The project was re-examined by SCDOT's cultural resource staff in 2013 to assess the validity of the previous survey and to determine if additional investigations were warranted. The proposed interchange is located within areas that have been previously disturbed and/or heavily developed.

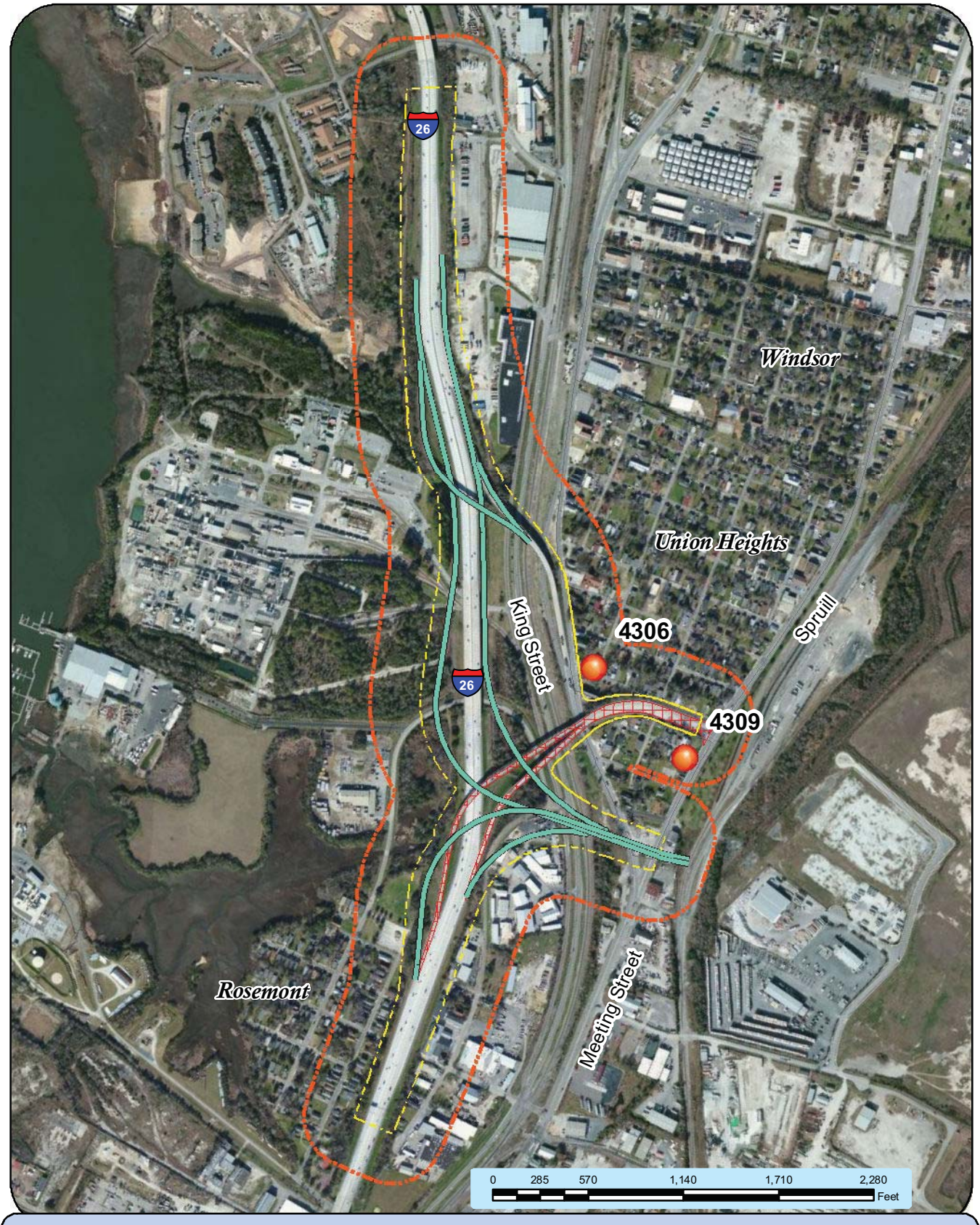


Figure 11

Cultural Resources

Study Area Boundary
Area of Potential Effect (APE)
Proposed Ramps
Historic Structures
Ramps to be removed

Furthermore, the architectural survey conducted for the project in 2005 identified all historic resources that could potentially be affected by the project. Based on the results of the original survey (Poplin et al 2005) and the 2013 review, it was determined that no historic properties would be affected by the project. Due to the amount of time that had lapsed since the original cultural resources survey, SCDOT contacted the SHPO and the Catawba Indian Nation Tribal Historic Preservation Office (CIN-THPO) in an effort to evaluate the validity of the survey. Based on a review of the original survey report and the project's Area of Potential Effects, the Department concluded that no additional survey was necessary and that no historic properties would be affected by the proposed undertaking. The CIN-THPO and SHPO concurred with the Department's findings on March 21, 2013 and March 22, 2013 respectively, see Appendix G.

The No-Build Alternative would not result in any impacts to historic resources. The Preferred Alternative would have no impact to historic properties.

4.16 Section 4(f)

Section 4(f) of the Department of Transportation Act of 1966 regulates how publicly-owned properties, such as parks, recreational lands and wildlife and waterfowl refuges, and historic sites (that are on or eligible for inclusion in the National Register of Historic Places) are used for transportation projects. Section 4(f) takes into account impacts that are a use of the resource, whether it is of a direct, temporary, or constructive nature, defined as following:

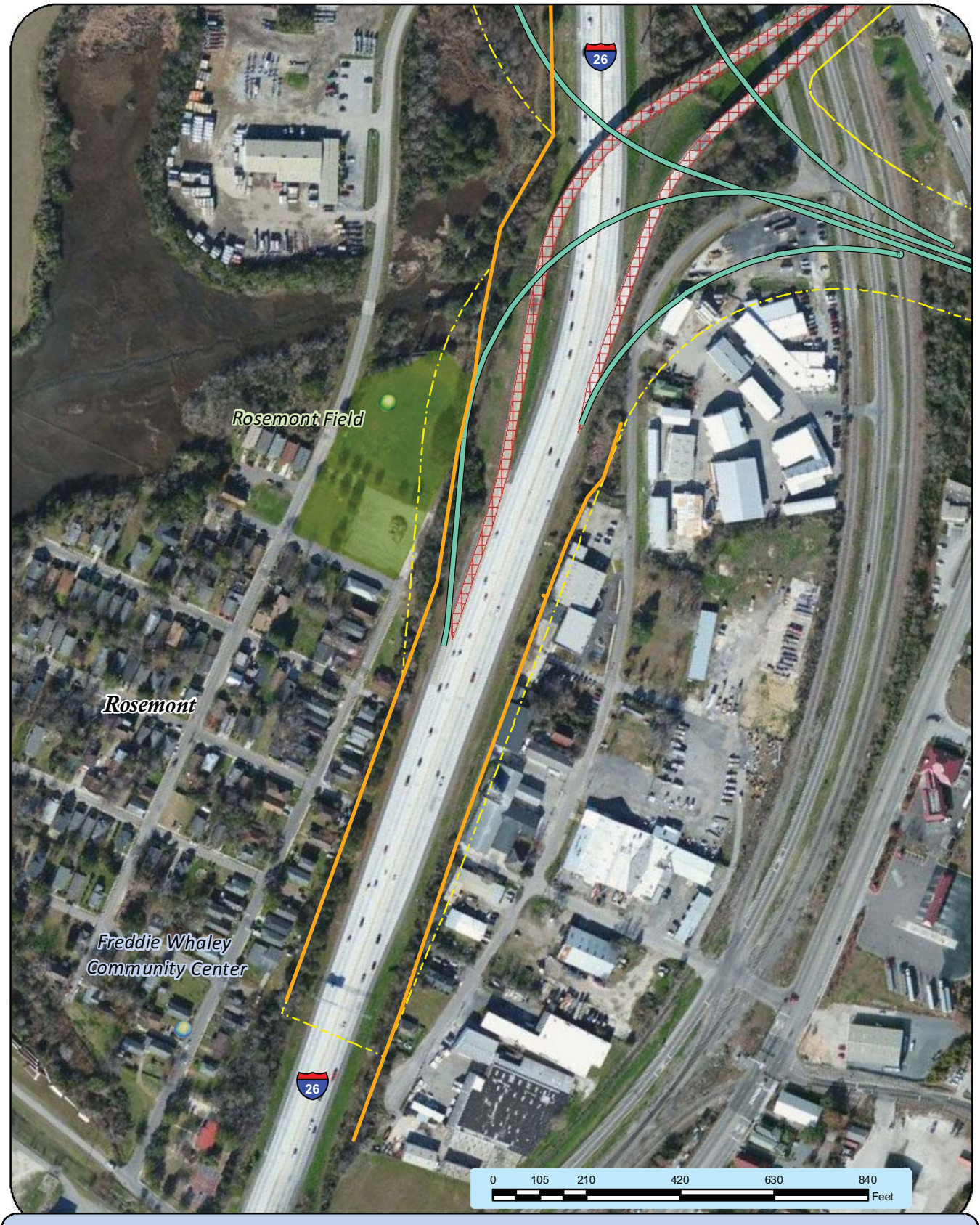
- A direct use permanently incorporates property into the transportation project;
- A temporary use occupies property temporarily but is adverse to the property's purpose; and
- A constructive use's proximity impacts severe enough to impair the property's features or activities.

Each Section 4(f) resource is evaluated for how a transportation project may impact the resource. Under SAFETEA-LU, the USDOT takes into account any avoidance or minimization of impacts along with any mitigation or enhancement measures to determine the extent of the impact to the resource. If the USDOT determines that a transportation project will have a de minimis –"minimal" - impact on a Section 4(f) resource, the Section 4(f) evaluation process is complete. The managing agency for a park, recreational land or wildlife and waterfowl refuges would need to state, in writing, that the project is not likely to "adversely affect the activities, features and attributes" of the Section 4(f) resource. For historic resources, the SHPO would need to state in writing that the project would have "no historic properties affected" or "no adverse effect" to historic properties.[134]
If the impact to a resource is not determined de minimis, then it must be demonstrated that no prudent or feasible alternative exists to avoid the resource, provided there is a plan to minimize harm to the resource, as documented in a Section 4(f) evaluation.

4.16.1 Parks, Recreational Facilities, and Wildlife/Waterfowl Refuges

There is one public park and recreational facility that is publicly-owned in the project area, Rosemont Field, and no wildlife/waterfowl refuges. (See Figure 12).

[134] Center for Environmental Excellence by AASHTO;
http://www.environment.transportation.org/environmental_issues/section_4f/



Study Area Boundary
Proposed Ramps
Ramps to be removed
Rosemont Field
Right Of Way

Figure 12

Rosemont Field

> *"The Park South Recreation Center and Rosemont Field lie adjacent to the access roadway. Rosemont Field, a proposed baseball park will be directly impacted by the interstate ramps to I-26. The park can still function upon completion of the construction of the [proposed project] access roadway. It is not likely that the proposed project will prevent the intended use of this land; however, some adjustments in the design of the filed may be required. The City of Charleston entered into a lease agreement with Liquid Transport Corporation for property in which Rosemont Field is located. The lease agreement states, "in the event that the premises shall be taken for public use by the city, state federal government, public authority or other corporation having the power of eminent domain, then this Lease shall terminate..".*

Therefore, Section 4(f) is not applicable for this resource. (See the Supporting Documents in the Appendix for a copy of the Lease agreement.)

There are no historic Section 4(f) properties within the project area.

4.17 Section 6(f)

The Land and Water Conservation Fund (LWCF) Act of 1965 established funding to provide matching grant assistance to states and local governments for the planning, acquisition and development of outdoor public recreation sites and facilities. Section 6(f) of the Act requires that properties using LWCF grants must be maintained as a public recreational facility in perpetuity. Section 6(f) prohibits the conversion of property acquired or developed with these grants to a non-recreational purpose without the approval of the Department of Interior's National Park Service (NPS). Replacement lands of equal fair market value, location and usefulness must be provided for the facility if land is converted. If LWCF grants were used for a portion of a Section 6(f) property, then replacement applies only to that portion using LWCF grants.

There are no Section 6(f) properties within the project area.

4.18 Relocations

Relocations within the study area were determined in the FEIS completed for the NBT. There are 22 tracts making up 14 properties which are considered as relocations. Of the 14 properties, four of the relocations are identified as billboards, three as personal property, six businesses, and one residential relocation. The amounts of right of way required from each site would vary from minor amounts to total takes. Please see Table 14 and Figure 13. (See Supporting Documentation in the Appendix.)

Table 15:
Property being Relocated from the Proposed Project

Tract	Relocation Type	Comments
1/66	Billboard	Ashley II
2	Personal Property	Padgett - personal property items
3	Personal Property	Origin Point Brands - personal property items
4A	Billboard	Albright – obtaining bids for relocation of billboard
4C	Billboard	Albright – obtaining bids for relocation of billboard
5/68	Billboard	Ashley II – obtaining bids for relocation of billboard
6/7	Business	Southern Lumber
9-18	Business	Xiphias (Anchor Signs)
20	Business	Hudgens (Machinist Shop)
21	Residential	Vacated
25	Business	Baldwin Brothers
26	Business	Plantation Painters
27	Business	Works (Round-Up)
28/61	Personal Property	Road One



Study Area Boundary
Ramps to be removed
Buisness
No Relocations Required
BillBoard
Personal Property
Residential

Figure 13

Relocations

Right of way for this project is in the process of being purchased from property owners using state funds. No federal monies were used in the acquisition of properties for this project. The relocation program was conducted in accordance with the *Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970*, as amended (Public Law 91-646, as amended by 100-17; 49 CFR Part 24). The program is designed to provide assistance to displaced persons in finding replacement property in which to live or to do business. Relocation of displaced persons was offered in areas at least as desirable in regard to public utilities and commercial facilities. Rent and sale prices of replacement housing offered was within the financial means of the families and individuals displaced and reasonably accessible to their places of employment.

If required, the SCDOT provided the displacees full benefits accorded under the Act. This would include fair market value for the acquired property in addition to equitable compensation normally associated with relocation. Ample lead time would be given to the individuals to allow for any planning contingencies that may arise. All other benefits available under the act would be carefully explained to the individual.

As is the policy of the SCDOT, in response to the non-discrimination requirements in Title VI of the Civil Rights Act of 1964, the relocation advisory assistance was provided to all eligible persons without discrimination.

4.19 Social and Economic

The project is located in the greater Charleston metropolitan area and is part of the Charleston Area Transportation Study (CHATS) region that includes three counties – Berkeley, Charleston, and Dorchester (BCD) with a total population of 549,000 in 2000. The CHATS region's population grew to 664,607 people in 2010, or 21 percent in 10 years. In year 2010, approximately 53 percent of this population lived in Charleston county, 27 percent in Berkeley County, and 21 percent in Dorchester county.[135]

Charleston County had a resident population of 350,209 in 2010, making it the third largest county in South Carolina.[136] On a regional scale, the Charleston Metropolitan Statistical Area (comprised of Berkeley, Charleston, and Dorchester Counties) experienced a 21.1 percent increase in population between 2000 and 2010, reaching a level of 664,607 people. More moderate population growth of 6.5 percent is anticipated over the next 10 years, reaching a population level of 708,130 people.[137]

The Charleston region has a diverse economic mix of companies and jobs. The region's economy is driven by a multi-billion dollar tourism industry, one of the busiest container ports along the Southeast and Gulf coasts, a strong manufacturing base, as well as large military and medical establishments. The region's jobs profile counted 330,000 jobs in 2008, or one job per two people. The region's jobs forecast

[135] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.15

[136] SC Budget and Control Board, South Carolina Statistical Abstract, http://abstract.sc.gov/chapter14/pop4.php (August 30, 2012).

[137] Charleston Regional Development Alliance, http://www.crda.org/business/market_profile/index.html (August 30, 2012).

improved when the Boeing Company announced in 2009 to build their second 787 Dreamliner assembly plant in North Charleston. The region is currently expected to add 84,000 jobs by year 2035.[138]

4.19.1 Demographic and Economic Characteristics

The 2010 United States Census data (American Community Survey, 2006-2010/5-Year Summary File) was used at the Block Group (BG) level for determining population, housing, and economic characteristics within the study area. A BG is the smallest geographic division that is used by the United States Census Bureau to categorize data.[139] The study area is encompassed by three block groups: Census Tract (CT) 44 BG 1, CT 44 BG 2, and CT 54 BG 1 (refer to Figure 14). Table 15 provides select demographic and economic characteristics of these BGs, as compared to both Charleston County and the state.

Table 16:
Select Demographic and Economic Characteristics of the Study Area

	Total Population	Percent Minorities	Median Age	Average Household Size	Percent Vacant	Median Household Income (in 2010 dollars)	Percent Below Poverty Level
CT 44 BG 1	1,042	84.4	32	2	19.8	9,731	63.0
CT 44 BG 2	1,164	92.2	40	2	8.8	26,691	18.0
CT 54 BG 1	1,030	100	44	3	19.6	18,988	38.6
Charleston County	342,434	35.4	36	2	17.5	48,433	16.5
South Carolina	4,511,428	32.7	37	3	16.6	43,939	16.4

Source: United States Census Bureau, 2010 Census, American Community Survey, 2006-2010/5-Year Summary File.

As shown in Table 15, minority populations in the study area range from 84.4 percent (CT 44 BG 1) of the total population to 100 percent (CT 54 BG 1). The minority percentage for the study area is significantly higher than the percentage for Charleston County and South Carolina, which have minority populations of 35.4 and 32.7 percent, respectively.

Median ages in the study area range from 32 years in CT 44 BG 1 to 44 years in CT 54 BG 1. With the exception of CT 44 BG 1, the median ages within the study area are greater than the median age of Charleston County and South Carolina, at 36 and 37 years, respectively.

[138] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report*, prepared for SCDOT, May 2012, p.15

[139] United States Census Bureau, "Glossary," http://factfinder.census.gov/home/en/epss/glossary_a.html (August 30, 2012).

Figure 14: Census Tracts



Similar to that of Charleston County and South Carolina, average household sizes in the study area vary between 2 and 3 people. The BGs are comprised primarily of industrial development or vacant land and have populations ranging from 1,030 (CT 54 BG 1) to 1,164 (CT 44 BG 2). The three neighborhoods located within the BGs that are adjacent to the proposed project include: Rosemont, located west of I-26 within CT 44 BG 1; Accabee, located north of I-26 within CT 44 BG 2; and, Union Heights, located east of I-26 within CT 54 BG 1 (refer to Figure 14). As shown in Table 15, the percentages of vacant occupancy status in CT 44 BG 1 and CT 54 BG 1 were 19.8 and 19.6, respectively, as compared to 17.5 percent vacant for Charleston County and 16.6 percent vacant for South Carolina. At 8.8 percent vacant, the percentage of vacant occupancy status in CT 44 BG 2 was lower than that of the county and state.

The study area is economically below the county and state, when comparing the median incomes and poverty levels (refer to Table 15). Median household incomes within the study area range from $9,731 to $26,691, as compared to $48,433 and $43,939 for Charleston County and South Carolina,

respectively. The percentage of the population living below the poverty level varies from 18.0 percent of the population in CT 44 BG 2 to 63.0 percent of the population in CT 44 BG 1. Each of the BGs in the study area has a higher percentage of the population living below the poverty level than both Charleston County and South Carolina, at 16.5 and 16.4 percent respectively.

4.19.2 Existing Neighborhoods

As described in the Community Impact Assessment[140] prepared for the FEIS and identified in the Charleston Neck Plan,[141] the Rosemont neighborhood is located just within the northern boundary of the Charleston city limits, west of I-26 and south of Exit 218 (refer to Figure 15). There is no direct access onto I-26 from the neighborhood. Commercial and industrial development is located north of the neighborhood and there is an SCE&G Plant located to the southwest of Rosemont. The Freddie Whaley Community Center is located at the southern end of the neighborhood. The Rosemont neighborhood is located adjacent to the area being considered for redevelopment as part of the Magnolia Project (see Section 4.19.3).

To the east of I-26, Union Heights is the main residential area located adjacent to the proposed project (refer to Figure 15). An existing I-26 on/off ramp splits the southern portion of the neighborhood.[142] In addition to residential development, there are numerous churches within the neighborhood. In addition, the Enterprise Health Center, which was opened in 2001 through the combined efforts of the Medical University of South Carolina, the Cities of Charleston and North Charleston, Charleston County, and residents of the Enterprise Community, provides quality, accessible health care to the neighborhoods in the area.[143] The center is located on Comstock Avenue.

The Accabee neighborhood is located north of I-26, within CT 44, BG 2 (refer to Figure 15).[144] The Accabee neighborhood is located outside of the study area for this project, just north of the area being considered for redevelopment as part of the Ashley River Center (see Section 4.19.3).

4.19.3 New Developments

As described in the FEIS and identified in the Charleston Neck Plan,[145] the Ashley River Center is being developed on the site of the former Roper North Hospital. As of 2005, tenants within renovated sections of the hospital included: Charleston Metro Chamber of Commerce, Palmetto Behavioral Health, and the Medical University of South Carolina's Children's Hospital.[146] The site is expected to have several

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[140] Parsons Brinkerhoff, *Community Impact Assessment – Proposed South Carolina State Port Authority Container Terminal*, prepared for the USACE, June 2005, p. 2-50.

[141] City of Charleston, Civic Design Center, *Charleston Neck Plan,* Public Design Charette, December 6, 2003, p. 7.

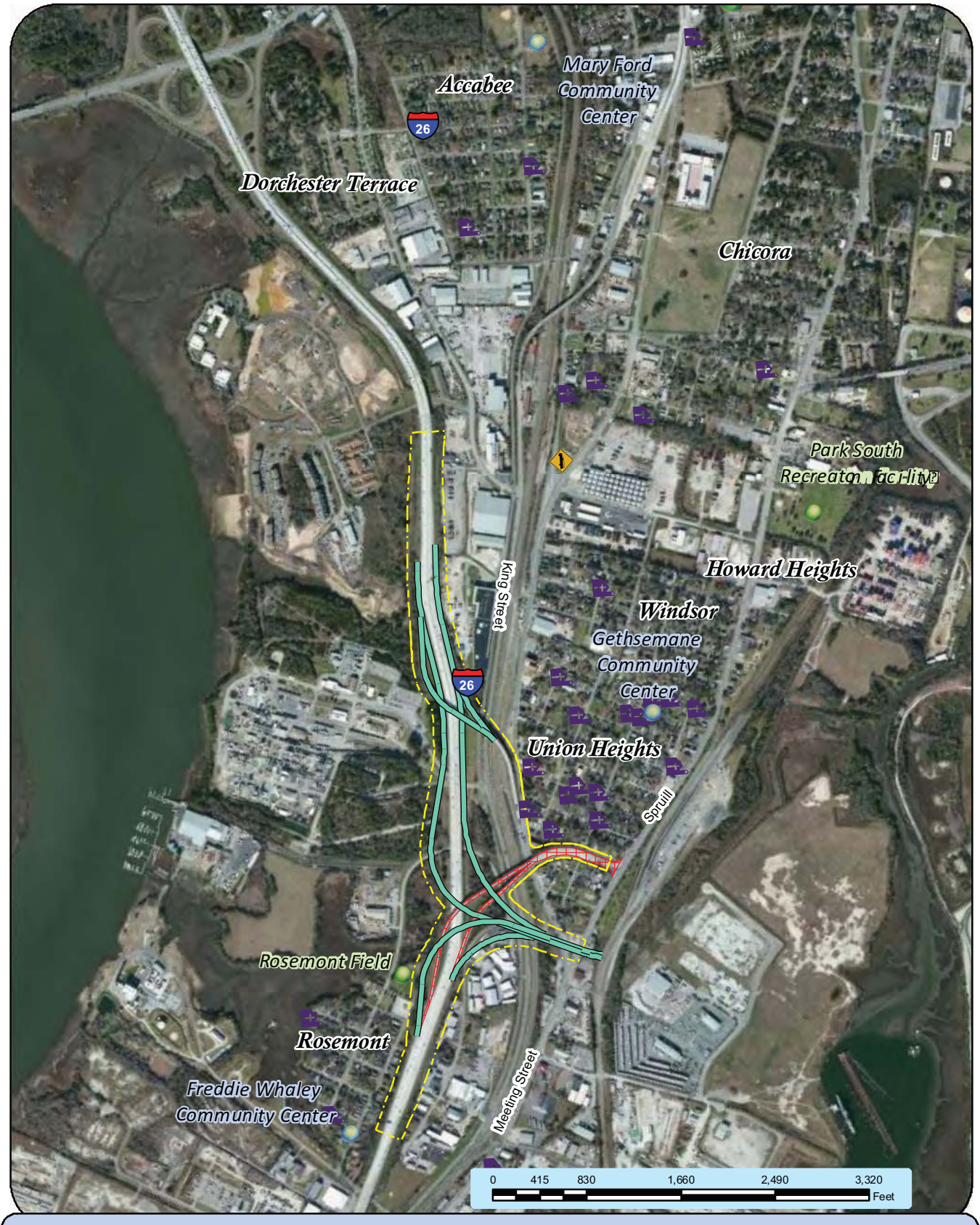
[142] Parsons Brinkerhoff, *Community Impact Assessment – Proposed South Carolina State Port Authority Container Terminal*, prepared for the USACE, June 2005, p. 2-53.

[143] *Ibid.*

[144] Parsons Brinkerhoff, *Community Impact Assessment – Proposed South Carolina State Port Authority Container Terminal*, prepared for the USACE, June 2005, p. 2-41.

[145] *Ibid.*

[146] Applied Technology and Management and Parsons Brinckerhoff 2005, *Environmental Justice Report*, submitted to the USACE, June 2006, p. 15.



Study Area Boundary
Proposed Ramps
Ramps to be removed
FireStations
Churches

Figure 15

Community Resources

parks, 3,000 residential units, 500,000 square feet of office space, 200,000 square feet of retail/restaurant space, an elementary/middle school, and a public pier. Much of the office space is being marketed to small biotech and biomedical companies.[147]

The Magnolia Project redevelopment aims to transform approximately 300 acres of land in a former industrial area of the "Charleston Neck." The development, which is generally bounded by the Rosemont neighborhood to the northeast and extending south to the Silver Hill neighborhood, is proposed to include multi-family housing, a hotel/hospitality inn, retail establishments, offices, and open space areas.[148] Since 2003, approximately 135 acres of a previous industrial site (Macalloy Corporation site) recognized on the National Priorities List has been remediated and work has begun on the 216-acre residential and commercial phase.[149]

The No-Build Alternative will mix Port-related truck traffic accessing the NBT with local traffic, and cause queuing and longer wait times at intersections. The mixing of Port-related truck traffic with local traffic was deemed unsafe as there are several residential neighborhoods along the existing routes.[150] Additional truck traffic from the NBT on local roads were deemed a major impact on the neighborhoods within the study area as these communities are seeking revitalization through new residential, retail, commercial, office and park developments.[151]

The proposed project would result in travel benefits to the existing neighborhoods and to the region. It would also support future jobs and industry in the area. Although the Preferred Alternative would have a minimal impact on nearby housing conditions, the potential adverse impacts have been minimized to the degree practicable during the planning phases of the proposed project. The removal of the Exit 217 ramps will reduce the amount of through traffic cutting through the neighborhoods. In addition, the removal of these ramps could help reunite the southern portion of the Union Heights neighborhood that is currently split by the I-26 on/off ramp. In addition, the transportation improvement and redevelopment benefit for the local communities would help to offset these impacts.

4.20 Environmental Justice

Executive Order 12898: *Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations*, requires federal agencies to identify community issues of concern during the NEPA planning process, particularly those issues relating to decisions that may have a disproportionate impact to low-income or minority populations. To determine if there were higher concentrations of environmental justice populations within and in the vicinity of the study area, the percentage of low-income and minority populations in Charleston County were used as thresholds for comparison. The

[147] Charleston Regional Development Alliance, "North Charleston hospital to become the Lowcountry's first bona-fide biotechnology incubator," March 1, 2004, http://www.crda.org/news/local_news/north_charleston_hospital_to_become_the_lowcountry_s_first_bona_fide_biotechnology_incubator-345 (September 4, 2012).

[148] Applied Technology and Management and Parsons Brinckerhoff 2005, *Environmental Justice Report*, submitted to the USACE, June 2006, p. 14.

[149] *Post and Courier*, http://www.postandcourier.com/apps/pbcs.dll/article?avis=CP&date=20070930&category=PC1602&lopenr=309309977&Ref=AR&template=printart (September 4, 2012).

[150] LAMC Area Revitalization Plan, Final Plan, April 16, 2010, Low Country Alliance for Model Communities.

[151] LAMC Area Revitalization Plan, Final Plan, April 16, 2010, Low Country Alliance for Model Communities.

2010 U.S. Census data indicates that all three BGs encompassing the study area have minority populations that are significantly larger than the percentage of minorities in Charleston County (refer to Table 15). In addition, all three BGs within and in the vicinity of the study area have higher percentages of people living below the poverty level, when compared to that of Charleston County. Therefore, environmental justice populations exist in all three of the aforementioned BGs that encompass the study area.

A review of existing conditions for the study area showed greater poverty and lower income, relative to Charleston County and the state. For the No-Build Alternative, there would likely be some improvements to nearby communities as a result of the ongoing redevelopment projects, such as the Magnolia Project and the Ashley River Center. Under the No-Build Alternative, the anticipated growth in businesses and jobs, as well as the influx of residents attracted by ongoing redevelopment projects, would likely improve income and poverty statistics.[152]

The construction of the Preferred Alternative would require some land acquisition. SCDOT and FHWA regulations provide for fair and equitable compensation for necessary property acquisition. The majority of the affected land parcels consist of commercial and light industrial properties, as well as several vacant properties. The Preferred Alternative would not divide any existing neighborhoods or communities. No residences or community facilities would be directly impacted by the construction of the Preferred Alternative. If relocations were determined to be necessary in the future, they would be conducted in accordance with the *Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970,* as amended (P.L. 91-646, as amended by 100-17; 49 CFR Part 24.205(A)-(F)).

Consistent with the findings in Chapter 3, the environmental justice assessment completed for the FEIS determined that the study area meets the criteria set for an environmental justice population. Many of the transportation-related issues that were a concern in the early planning stages of the proposed project have been avoided by designing an access roadway with local access improvements. Impacts to this environmental justice population would include a minimal increase in mobile air emissions, increases in noise and light (in terms of sky glow), and changes to the visual character of the area. The visual changes would be considered minimal as the study area and vicinity are developed in similar land uses.

The proposed project would result in travel benefits to the region and would support future job growth and industrial development. In addition, the transportation improvement and redevelopment benefit for the local communities would help to offset these impacts.

4.20.1.1 Mitigation

In order to minimize the disproportionate impacts associated with the proposed project, potential mitigations to the EJ population were explored during preparation of the FEIS. The Environmental Justice Report included consideration of the following mitigation measures for lessening the overall impact of the proposed project:

[152] USACE, Charleston District, *Final Environmental Impact Statement, Proposed Marine Container Terminal at the Charleston Naval Complex, North Charleston, South Carolina*, Volume 1 of 5, December 2006, p. 5-208.

- *Fair and just compensation and relocation packages for right of way properties owned by residents in communities affected by the proposed CNC Marine Terminal and its associated local access roadways.*

- *A first source job training and hiring program, targeting educational and job opportunities for low-income and/or displaced individuals living in the project impact area, preparing them to work on and/or at the proposed project site.*

- *Educational, apprenticeship, and internship opportunities for youth of the affected communities.*

- *Minority-owned and women-owned businesses in or near the project impact area would be sought for participation services as SCSPA contractors in the planning, design, financing, construction and all other projects of the proposed SCSPA CNC Terminal.*

- *Developer funding for improvements to community landscaping and vegetation.*

- *Develop a bicycle and pedestrian friendly facility throughout the impacted project area with emphasis on the need for walkable neighborhoods and connectivity between neighborhoods.*

- *Provide traffic – calming measures for neighborhoods impacted by the proposed CNC Marine Terminal and its associated local access roadways.*[153]

These concepts were evaluated further, and the SCSPA, City of North Charleston, and the Lowcountry Alliance for Model Communities developed a community mitigation plan that was incorporated into the FEIS. This plan includes establishing a trust for the creation of affordable housing, support for education programs, career training, and business opportunities for local vendors, funding for improvements to the community centers, and assistance in the development of a community master plan.[154]

The SCSPA and SCDOT Mitigation Plans (Appendix N of the FEIS) provide the detailed criteria for the initiatives proposed as mitigation for adverse impacts to environmental justice communities.[155] The proposed compensatory mitigation plan includes conveyance of excess property associated with the removal of Exit 218 to the City of North Charleston for community enhancement and full compensation, and assistance for those local businesses and properties that would be directly impacted by right of way acquisition. The SCDOT and SCSPA will also complete safety improvements, such as the installation of gates, lights, and signage at four railroad crossings in the community, as well as provide streetscaping for Stromboli Avenue, Spruill Avenue, and Meeting Street between Naval Base Road and Pittsburgh Avenue. Additional components of the mitigation plan include the construction of a noise barrier adjacent to the Rosemont neighborhood, and a landscape buffer in the proximity of the noise wall near I-26. In addition, the SCDOT will require the contractor to submit a vibration monitoring plan and a dust

[153] Applied Technology and Management and Parsons Brinckerhoff 2005, Environmental Justice Report, submitted to the USACE, June 2006, p. 38.

[154] USACE, Department of the Army Permit Application, No. 2005-IN-440, page 4. Issued April 25, 2007.

[155] SCSPA, *Mitigation Program for the Proposed CNC Marine Terminal*, last revised November 22, 2006, Appendix N of FIES, pp. 26-38.

control plan that the SCDOT must approve prior to construction. The construction site will undergo periodic inspections to ensure the contractor is in compliance with these plans. The SCDOT and SCSPA will also provide support of summer education programs, school to work programs, college scholarships, employment training programs, and technical assistance for small and disadvantaged businesses as part of the Preferred Alternative.[156]

Special Condition "d" of the 2007 Department of the Army Permit (2005-IN-440) states that the commitment to implement the CNC Marine Terminal Mitigation Plan was a deciding factor towards approval of the permit. Inclusion of this special condition is intended to ensure that the mitigation measures for EJ communities described above, as well as mitigation of impacts to other resources, are conducted in accordance with the approved mitigation plan. If these measures are not executed, a contingency plan will be developed through coordination with the USACE and other regulatory and resource agencies.[157]

4.21 Construction Impacts

4.21.1 Air Quality

Temporary air quality impacts could occur during construction and would be in the form of emissions from construction equipment, dust from construction activities, and clearing of areas. During construction, slowed traffic through construction areas may produce additional emissions.

Emissions from construction equipment are anticipated to have a minimal impact on air quality due to the short time period it would take to construct the proposed roadway improvements. Construction equipment would be maintained in satisfactory condition to meet minimum exhaust emission standards. In accordance with Section 107.07 of the *South Carolina Highway Department Standard Specifications for Highway Construction*,[158] the contractor will comply with *South Carolina Air Pollution Control Laws, Regulations and Standards*.[159] The contractor will also comply with county and other local air pollution regulations. Contractors will be required to comply with all regulations and standards for construction outlined in the *South Carolina Standard Specifications for Highway Construction* to reduce dust. Typically, BMPs include vegetative cover, mulch, spray-on adhesive, calcium chloride application, water sprinkling, stone, tillage, wind barriers, and construction of a temporary graveled entrance/exit to the construction site. Vehicles sitting in queue, waiting to go around construction work, would contribute more to air emissions, but this would only temporarily impact air quality. The project study area is in an attainment area for NAAQS (refer to Section 4.11), and air quality impacts resulting from project construction would be temporary in nature.

4.21.2 Noise

Although temporary in nature, construction noise, at times, can interfere with day-to-day activities. Areas adjacent to the roadway will temporarily experience increased noise. The types and uses of equipment, traffic relocation, material movement, and construction techniques would all contribute to this additional noise. However, construction noise is considered a temporary problem as it rarely occurs

[156] USACE, Department of the Army Permit Application, No. 2005-IN-440, p. 4. Issued April 25, 2007.

[157] USACE, Department of the Army Permit Application, No. 2005-IN-440, p. 4. Issued April 25, 2007.

[158] SCDOT, *Standard Specifications for Highway Construction*, 2000.

[159] SCDHEC Bureau of Air Quality Control, *South Carolina Air Pollution Control Laws, Regulations, and Standards.*

in one location for extended periods of time, depending on the complexity and duration of the construction activity and project.

A variety of equipment and operational modes, and the unpredictable location of on-site activities combine to make an estimate of composite noise levels impractical. The most prevalent construction noise source is equipment powered by internal combustion engines (usually diesel). Construction equipment would be required to have factory-installed mufflers or their equivalents in good working order during the life of the construction contracts. Storage and staging areas would be located as far from noise sensitive areas as practicable.

4.21.3 Water Quality

Construction activities could potentially impact water quality on a temporary basis through surface water runoff, accidental release of fuel or hydraulic fluids, and sedimentation from soil erosion. BMPs will be used during construction to minimize impacts to water quality and would be detailed in the project construction documents. Standard erosion and siltation control devices such as temporary seeding, diversion berms, slope drains, sediment traps, sediment barriers, as well as straw bale and rock check dams may be used as part of the BMPs to minimize impacts.

In addition, the contractor will be required to comply with Section 107.26 of SCDHEC's Environmental Protection and Water Pollution Controls from the *South Carolina Department of Transportation Standard Specifications for Highway Construction*[160] along with current federal and state laws, as well as regulations regarding water quality and stormwater management. As stated previously, a SPCC Plan would be in place to control any accidental releases of fuel or hydraulic fluids from machinery.

4.21.4 Maintenance of Traffic

During construction, all local and through traffic would be adequately and safely accommodated. All construction operations would be scheduled to keep traffic delays minimized, and the contractor should conform to the standards of the latest addition of FHWA's Manual of Uniform Traffic Control Devices for Streets and Highways. Construction would be performed to comply with all federal, state, and local laws governing safety, health, and sanitation. Procedures would apply all safeguards, safety devices, protective equipment, and any other action reasonably necessary to protect the life and health of employees on the job, the safety of the public, and the property in connection with the performance of the work. The following items would be utilized, where necessary, to maintain public safety and the flow of traffic:

- Constructing and maintaining temporary detours, temporary structures, temporary approaches, crossings, and intersections with streets and roads, as well as using aggregates for the maintenance of traffic and water for use as a dust palliative.
- Furnishing flaggers, pilot trucks, and drivers.

- Furnishing, erecting, and maintaining warning devices such as signs, auxiliary barriers, channelizing devices, hazard warning lights, barricades, flares, and reflective markers. If a street must be closed to traffic, traffic control devices would be illuminated during hours of darkness.

[160] SCDOT, *Standard Specifications for Highway Construction*, 2007, pp. 64-65.

4.21.5 Construction Materials and Waste

All construction waste material generated during clearing, grubbing, and other construction phases will be removed from the project site and burned or disposed of by the contractor in accordance with state and local regulations. Such disposal operations will not be expected to either affect the solid waste services of privately-owned haulers or decrease landfill capacity. Solid waste generated during construction will be utilized on-site, if possible, or disposed of only at sites designated and permitted for this purpose. The quantity of disposed waste will represent a negligible proportion of the total load directed toward local landfills.

4.22 Indirect and Cumulative Impacts on Resources in the Project Area

4.22.1 Port Access Road Interchange Indirect Effects

Indirect effects, as defined by the Council on Environmental Quality (CEQ) in 40 CFR §1508.8(b), are caused by the proposed action and "are later in time or farther removed in distance, but are still reasonably foreseeable." Indirect effects "may include growth-inducing effects and other effects related to induced changes in the pattern of land use, population density or growth rate, and related effects on air and water and other natural systems, including ecosystems."[161]

Indirect impacts for the proposed project were analyzed using the National Cooperative Highway Research Program's *Desk Reference for Estimating the Indirect Effects of Proposed Transportation Projects*.[162] As outlined in the Desk Reference, an eight-step approach is used to evaluate the indirect effects of the Port Access Road interchange project on the environment.

Step 1 – Scoping

Due to the proposed project being an interchange that connects the Port Access Road to I-26, the study area boundary for the indirect impact analysis was limited to areas surrounding the interchange, the same as the direct impact study area. (See Figure 2 on page 4.) The indirect impacts from the Port Access Road and marine container terminal development were previously covered in the *Final Environmental Impact Statement for the Proposed Marine Container Terminal at the Charleston Naval Complex*,[163] and are not discussed in this EA.

Step 2 – Identification of Study Area Directions and Goals

As previously discussed in the land use section (refer to Section 4-2), the current land use in the indirect impact study area is a mix of residential and industrial development. According to the City of North Charleston future land use map, the area is planned to remain zoned for mixed residential and industrial development.

Step 3 – Inventory of Notable Features

[161] 40 CFR §1508.8.

[162] National Cooperative Highway Research Program, Report 466, *Desk Reference for Estimating the Indirect Effects of Proposed Transportation Projects*, 2002.

[163] USACE, *Final Environmental Impact Statement: Proposed Marine Container Terminal at the Charleston Naval Complex, North Charleston, SC*, December 2006.

Notable features within the indirect impact study area include communities and community resources, floodplains, and wetlands.

Steps 4 and 5 – Impact Causing Activities from the Proposed Action and Identification of Potentially Significant Indirect Effects for Analysis

The proposed project would consist of constructing a fully-controlled access interchange on elevated bridge structure. The interchange would restrict access, as it could only be accessed through I-26 or the Port Access Road. Thus, no new access points would be open to properties surrounding the interchange as a result of the proposed project. No potentially significant indirect effects are anticipated.

Steps 6, 7, and 8 – Analysis of Indirect Effects, Evaluation of Analysis Results, and Assessment of Consequences and Mitigation Development

No induced growth or development would be expected to occur with the proposed project. Access to the interchange is fully-controlled, and therefore, no indirect impacts are anticipated to occur to notable features within the study area, including communities, community resources, floodplains, or wetlands. Since no indirect impacts are expected, no mitigation would be required.

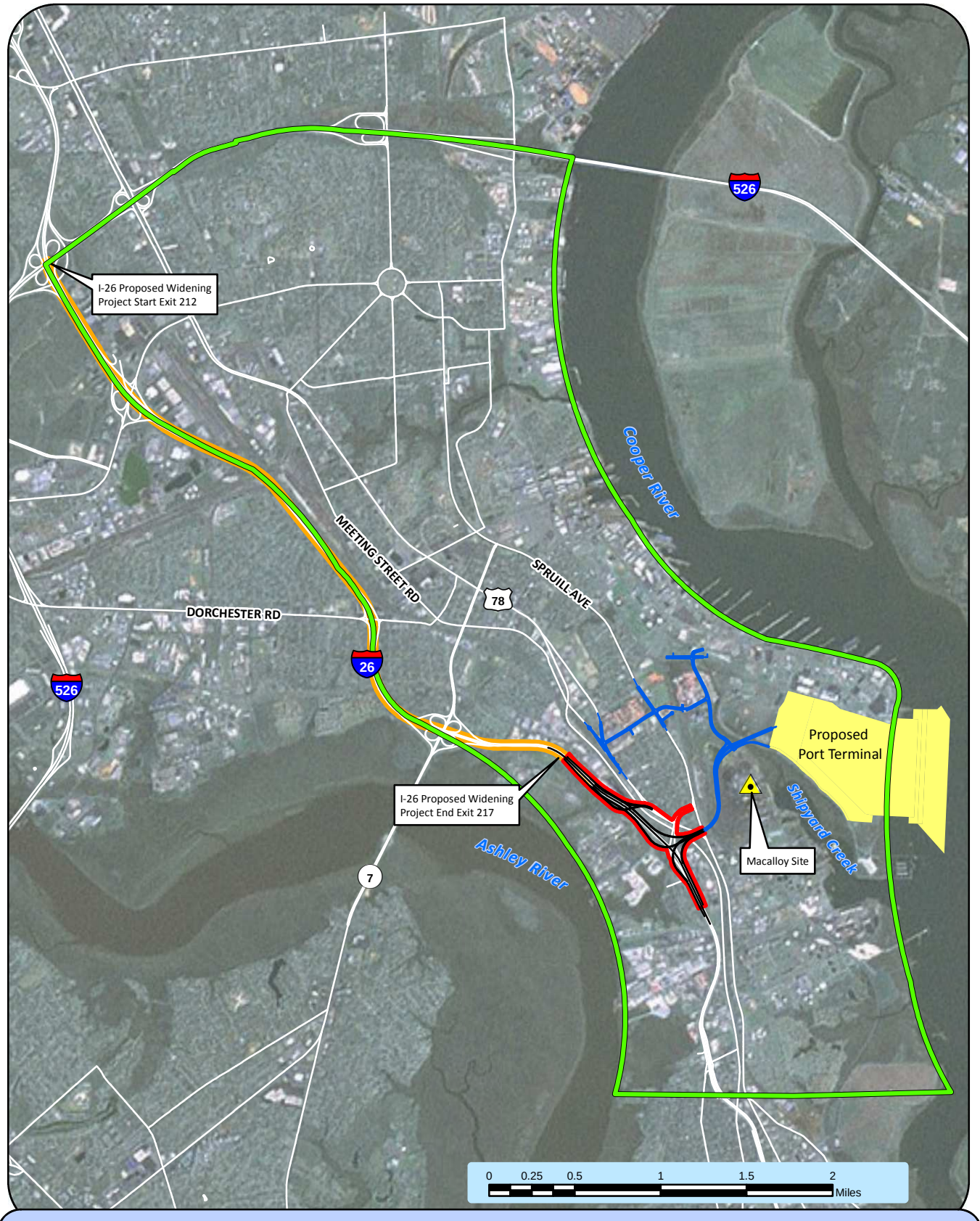
4.22.2 Cumulative Effects

Step 1: Identification of Resources

Potential resources that could have been cumulatively impacted over time within and in the vicinity of the study area include environmental justice populations, floodplains, wetlands, and water quality.

Steps 2 and 3: Establishment of Geographic Scope of Analysis and Timeframe for Analysis

Cumulative impacts are resource-specific, in that the study area boundary for one resource may be very limited while another resource may have a larger study area boundary when evaluating cumulative impacts. Therefore, study areas will be defined for each resource under the cumulative effects evaluation. The geographic scope of analysis for environmental justice communities, floodplains, wetlands, and water quality is shown on Figure 16, and is generally bounded by the Cooper River to the east; Ashley River and I-26 to the west; I-526 to the north; and in the general vicinity of Exit 219 to the south near Mt. Pleasant Street and Morrison Drive, where land uses switch from primarily industrial to cemeteries and residential.



Port Access Road Preliminary Design
Study Area Boundary
Cumulative Impact Study Area
Proposed Terminal Footprint
Proposed I-26 Widening

N

Figure 16

Cumulative Impacts

Step 4: Identification of Other Actions affecting the Resources

Other actions that have or could affect these resources include the Charleston Naval Complex re-development, including the new marine container terminal. As part of the closure of this naval base in 1996, it has been redeveloped for a variety of uses, including the Noisette Project (residential, light commercial, and recreational uses), ship repair facilities, office buildings, the Federal Law Enforcement Training Center, Veteran's Terminal, and the new marine container terminal. In addition, the Clemson Restoration Institute campus is being developed north of the Charleston Naval Complex, and the Macalloy Site is planned to be developed in the future, just west of the new marine container terminal. An intermodal rail facility is also being planned at or near the Charleston Naval Complex. Other developments in the area include the Ashley River Center, and the scaled-back Magnolia Gardens development. Roadway projects that have or could impact resources in the study area include the new Port Access Roadway connecting I-26 to the new marine container terminal; the widening of I-26 between exits 212 and 217; and the extension of the Mark Clark Expressway.

Steps 5-7: Description of Affected Environment for Cumulative Effects Study

The study area is currently mostly developed, with a mix of residential, commercial, and industrial uses. In addition, there are areas of undeveloped land that are within wetlands or floodplains, making them unsuitable for development or subject to regulation prior to development. Due to the lack of developable space, many former industrial areas are being redeveloped, including the Charleston Naval Complex, the Ashley River Center, and the scaled-back Magnolia Gardens and Noisette Projects. Major roadways are located within the study area, including I-526, I-26, US 78, US 52, US 17, Montague Avenue, Spruill Avenue, Rhett Avenue, and Meeting Street.

Steps 8-9: Impact Evaluation

Environmental Justice

Based on U.S. Census data, both low-income and minority populations exist in the study area. In the past, this area has been subject to a mix of industrial, residential, and commercial development due to its location and the amount of space available to install facilities. In addition, major roadways, including I-26 were constructed through the study area, which may have had some impacts to those living in the area with the increased noise and air pollution, but beneficial in that it removed through traffic from local roads. The proposed projects are anticipated to have the following effects to environmental justice communities in the area:

- The new marine container terminal is anticipated to have a beneficial effect to the local and regional economy with the addition of new jobs, which would spur secondary/ancillary jobs in the area. The Port Access Roadway could have impacts to communities due to noise, light, and air pollution. However, the Port Access Road would benefit communities in the area by providing heavy truck traffic a connection to I-26 without using local streets in neighborhoods. This would reduce noise within the community as well as local air quality issues on streets from idling truck traffic waiting at stop signs or traffic signals. In addition, a noise barrier is proposed in one area to mitigate for the potential noise impacts from the roadway. Due to the potential impacts to environmental justice populations in the local area, community mitigation has been

agreed upon as part of this project. For further details, please refer to Appendix N of the Final EIS.[164]

- The redevelopment of CNC (after the base closure), the Ashley River Center, and Magnolia Gardens have resulted in new jobs, which have not only directly, but indirectly benefitted the economy in the area.
- The proposed development of the Macalloy Site and the proposed intermodal facility could result in additional jobs in the area.
- The Port Access Road interchange project would not result in any displacements, but could have potential noise impacts to 52 receptors. A noise barrier is already proposed as part of the Port Access Roadway, which may alleviate the noise at these receptors also.
- The proposed I-26 widening could result in 11 displacements and 94 impacts to noise receptors in the immediate vicinity of the project. However, it would reduce congestion on the roadway, resulting in improved travel efficiency and reduce the amount of emissions from idling vehicles.
- The proposed Mark Clark Expressway Preferred Alternative G would result in noise impacts to those living within and along the proposed alignment. However, the construction of the Mark Clark Expressway would result in construction jobs, and would improve travel efficiency and connectivity within the Charleston region.

Overall, potential impacts to low-income and minority communities would be evaluated individually to determine if they were highly disproportionate or adverse. If so, mitigation (such as the mitigation proposed for the marine container terminal and Port Access Road) would be established with input from local residents and community leaders. The previously completed, approved, and future planned projects could result in overall economic benefits not only to the study area, but to Charleston County and the state.

Floodplains

Floodplains are located throughout the study area, along the Ashley and Cooper Rivers, as well as Shipyard Creek. The 100-year floodplain boundary represents the 100-year storm surge from the Atlantic Ocean due to a hurricane. Past development has occurred in this area, and is likely to continue as areas are redeveloped due to lack of space. Of the projects occurring or proposed in the study area, the following impacts to floodplains are anticipated:

- The Port Access Road interchange project would have negligible effects to floodplains in the area, as it will be built on bridge piers.
- The approved marine container terminal and Port Access Road would require fill to be placed in floodways and floodplains to raise the facilities above the flood elevations. However, according to the Port FEIS, this "would have a negligible effect on the overall storage capacity of the Cooper River watershed. Therefore, the development of the project site is not expected to affect the potential for flooding of adjacent and nearby properties that are located within special flood hazard areas."[165]

[164] USACE, *Final Environmental Impact Statement: Proposed Marine Container Terminal at the Charleston Naval Complex, North Charleston, SC*, December 2006. Appendix N.

[165] Record of Decision, *Proposed Marine Container Terminal at the Charleston Naval Complex, North Charleston, SC*, April 26, 2007, p. 54.

- The proposed I-26 widening project could impact approximately 30 acres of floodplains. However, hydraulic studies would be completed and coordination would occur with FEMA and the Charleston County floodplain manager to ensure there are no adverse impacts to flood storage in the area.
- The current Preferred Alternative G for the Mark Clark Expressway would impact approximately 132 acres of floodplains.
- The Macalloy Site may impact floodplains due to property's proximity to Shipyard Creek and Cooper River floodplains.
- The proposed intermodal facility could impact floodplains, depending on site plans and layout.

Any development requiring a federal/state permit or approval would be required to ensure that FEMA standards were met during development. The tracts of land that are slated for planned developments could need approval by state/federal agencies, due to their proximity to wetlands. Therefore, development on these tracts would likely meet FEMA standards. Private development not under the permitting authority of the federal or state agencies could be within a floodplain. However, private development usually avoids floodplains due to the higher insurance costs due to the risk for flooding. In addition, coordination would be needed with the Charleston County floodplain manager prior to the issuance of a development permit. Therefore, minimal cumulative impacts are anticipated to floodplains and floodways.

Wetlands

Some of the previous projects and developments that have occurred in the study area were completed prior to the enactment of the Clean Water Act, and therefore were not compensated for during the time they were constructed. However, since the implementation of the Clean Water Act and issuance of Executive Order 11990, wetland impacts have been regulated, and mitigation has been required prior to the issuance of a permit.

Current or future projects that would impact wetlands including the following:

- The approved marine container terminal and Port Access Road would impact approximately 153 acres of wetlands, with 4.72 acres being due to the construction of the Port Access Road.
- The Port Access Road interchange project would impact 0.057 acre of wetlands.
- The proposed I-26 widening from exits 212 to 217 could impact approximately 6 acres of wetlands.
- The extension of the Mark Clark expressway with the currently proposed Preferred Alternative G would have 17.43 acres of fill impacts.
- The proposed development at the Macalloy Site could impact wetlands, depending on site layout and plans.
- The proposed intermodal facility may impact wetlands, depending on proposed site layout and plans.

The aforementioned projects with wetland impacts either already have approved mitigation in place as part of their permit from the USACE or would be required to avoid, minimize, and the mitigate wetland impacts prior to the issuance of a permit so that there would have been a no "net-loss" to wetlands in the area, as prescribed by Executive Order 11990. Therefore, minimal wetland cumulative impacts are anticipated.

Water Quality

The study area is located in both the Cooper River (HUC 0305020106) and Ashley River (HUC 0305020107) sub-watersheds, which, as discussed previously (refer to Section 4-5) are part of the Santee River Basin. Previous development in the study area has likely impacted water quality to a certain extent in these sub-watersheds. Only two water quality monitoring stations in the study area are listed on SCDHEC's 2010 303(d) impaired water quality list. Station MD-052, which is located on the Ashley River near the SAL railroad bridge, is listed as impaired for aquatic life due to high levels of copper. Station MD-049, which is located on the Ashley River at Magnolia Gardens, is listed on the 303(d) list as impaired for aquatic life due to turbidity, and impaired for recreational uses due to high fecal coliform levels. The water quality monitoring stations on Shipyard Creek (MD-243) and the Cooper River (MD-045) are not currently listed as impaired.

The conversion of undeveloped land has resulted in impervious surfaces, which resulted in loss of areas where stormwater runoff could have either percolated into the ground or have been filtered by passing through vegetation before entering streams. The increase in impervious surfaces has allowed for more stormwater runoff into streams. Land clearing and grading may also have contributed to additional sediment running into streams. In addition, lawn maintenance using chemicals such as fertilizer, herbicides, or pesticides has increased with the amount of development that has occurred, resulting in more chemical residues running off during rain events.

Since the implementation of the Clean Water Act and the National Pollutant Discharge Elimination Standards (NPDES) system, redevelopment of areas has been subject to permitting to ensure that water quality standards are met during construction. New regulations regarding stormwater runoff and water quality protection measures came into effect in 2010, requiring more stringent requirements and inspections of construction sites where land clearing and grading takes place. Sediment Erosion Control plans are required prior to receiving a Section 402 land disturbance permit.

The redevelopment of the CNC, the Ashley River Center, the approved development at the marine container terminal, and proposed developments at the Macalloy Site and the intermodal facility are subject to regulation to meet water quality standards not only during construction but also during operation of the facilities. Proper stormwater and discharge water treatment controls are in place to minimize impacts to water quality in the Cooper River sub-watershed.

Road projects are subject to meeting water quality standards during construction and operation of the facilities. The SCDOT has and will continue to work with SCDHEC to ensure the proper water quality stormwater controls are in place during and after construction, and receive Section 401 Water Quality Certification and Coastal Zone Certification. In addition, SCDOT will comply with its MS4 permit requirements for stormwater controls, both during construction and post-construction, for SCDOT projects constructed in the vicinity of 303(d), TMDL, ORW, tidal, and other sensitive waters.

During construction, projects may have the potential to cause water quality impacts due to the spill of fluids. However, Spill, Prevention, Control, and Countermeasure plans would be in place during construction, with regular inspection of construction equipment to minimize the likelihood of water quality impacts.

Future development would reduce the amount of undeveloped land available for filtration or absorption of stormwater runoff, while increasing the amount of impervious surfaces in the study area. As shown by recent improvements in water quality, enforcement of the county and state regulations appear to

have been effective. Therefore, with these regulations in place, there would be a minimal impact to water quality in the study area due to development.

5 COORDINATION

5.1 Agency Coordination

A Letter of Intent (LOI) was sent on December 12, 2012 to Federal and State Resource Agencies requesting comments on the proposed project (see Appendix G). SCDHEC-Bureau of Water responded December 13, 2012 stating that due to the possibility of wetlands in the project area, a wetland delineation is needed; efforts to minimize impacts to streams, wetlands and water quality should be made during planning; and best management practices minimizing water quality impacts should be made during construction. SCDHEC- Bureau of Air Quality responded on December 17, 2012, stating that Ozone and Particulate Matter 2.5 are of particular concern in South Carolina. The Bureau offered four suggestions on how the proposed project can help compliance with NAAQS.

SCDNR responded December 17, 2012 stating based on the limited information provided, SCDNR was unable to provide specific comments on potential impacts to natural resources at this time. In addition, they stated that careful consideration should be given to avoiding wetland impacts whenever possible.

The SHPO responded January 3, 2013 stating that if SCDOT chooses to substitute the NEPA process for the process outlined in Section 106, SCDOT must notify SHPO of the proposed substitution and that SHPO will provide comments regarding historic and archaeological resources and effects to them once consultation has been initiated.

The U.S. Fish and Wildlife Service responded December 14, 2012 stating the need to identify any wood stork or any other migratory bird species within proximity of the project area, identify potential sources of contaminants or the introduction of new contaminants into aquatic or terrestrial environment, avoid and minimize impacts to wetlands, provide compensatory mitigation for all temporary and permanent impacts, and avoid the degradation of water quality from runoff during and after construction.

The U.S. Coast Guard responded December 13, 2012 stating that there are no navigable waterways within the limits of the study corridor, therefore Coast Guard bridge permits will not be required and will not have any involvement in the project for the bridge permitting process.

The City of Charleston responded January 8, 2013 stating they would like to have a meeting with SCDOT to better understand the impacts of the project.

5.1.1 Agency Scoping

An agency scoping meeting was held on March 22, 2004. Comments were received during the meeting and considered when developing the scope of the CNC EIS.[166]

[166] USACE Final Environmental Impact Statement, Proposed Marine Container Terminal at the Charleston Naval Complex, December 2006, page 1-18

5.1.2 Transportation Agency Technical Working Group (ATWG)

A Transportation Agency Technical Working Group (ATWG) was established for the CNC EIS Project as a forum for the collaboration of agency representatives to address transportation issues, including this study. Representatives from the following agencies participated in the Transportation ATWG: U.S. Army Corps of Engineers, SCPSA, SCDOT, FHWA, and BCDCOG.[167]

The Transportation ATWG met on the following dates:

- May 3, 2005
- July 22, 2005
- September 15, 2005
- December 6, 2005
- January, 5 2006

5.2 Public Coordination

5.2.1 Public Scoping

A public scoping meeting was held on March 16, 2004. Comments were received during the meeting and considered when developing the scope of the EIS.[168]

5.2.2 Public Information Workshops

The following public workshops were held as a means for the USACE to provide the public with information related to the development of the EIS.

- Public Information Workshop, March 16, 2004; Sterett Hall, North Charleston, SC

  This workshop was held simultaneously as the Public Scoping Meeting for the public to understand the process of developing an EIS, gather important facts about the Proposed Project, and ask questions about potential impacts from the Proposed Project.

  Approximately 100 people attended this workshop, many of whom submitted scoping comments via court reporter, letters, and comment cards. This workshop also prompted quite a few comments via the website and hotline.

- Public Information Workshop, August 25, 2004; Citadel Alumni Center, Charleston, SC

  This workshop was held to provide the public with an update on the scope of the draft EIS, the alternatives being considered, and the main issues identified during the scoping process. Information tables were arranged around the room and each were staffed with individuals that were experts in a major area of study that was identified in the scope of the draft EIS.

[167] Access Roadway Feasibility Study for the CNC Marine Terminal EIS Proposed Alternative, Final Report, February 2006, page 3

[168] USACE Final Environmental Impact Statement, Proposed Marine Container Terminal at the Charleston Naval Complex, December 2006, page 1-18

Approximately 50 people attended this workshop. The public was responsive with providing feedback to the USACE on relevant concerns regarding the scope and alternatives being considered in the draft EIS.

- Public Information Workshop, May 12, 2004; North Charleston Coliseum, North Charleston, SC

  The goals of this workshop were to share with the public a revised list of project alternatives being evaluated in the draft EIS, identify potential access roadway alternatives for the Proposed Project, discuss findings from the Existing Roadway Traffic Study, and provide information on the major areas of study in the draft EIS.

  Approximately 50 people attended this workshop and several submitted feedback via feedback forms, the website, and the hotline.

- *Tour of the Draft EIS*, November 1, 2005; Sterett Hall, North Charleston, SC

  Approximately two weeks after the publication of the draft EIS, the USACE hosted an informal meeting with the public to discuss the contents of the document. The purpose of this meeting was to "guide" the public through the draft EIS document and help the public understand its organization.

  Approximately 30 people attended this workshop. Many attendees went home with CDs containing the draft EIS document and later provided comments on the document.

- Public Information Workshop, November 17, 2005; North Charleston Performing Arts Center, North Charleston, SC

  This workshop was held concurrently with the public hearing as a means of providing the public with information on specific issues and concerns related to the Proposed Project and the draft EIS. Attendees were able to talk to representatives of the USACE and its consultant team before submitting comments.

  Approximately 500 people attended this workshop during the public hearing, and a large number of comments were submitted via comment cards and court reporters. In the days immediately following the event, many more comments were received via the website and hotline, as well as letters sent directly to the USACE.

- Public Information Workshop, January 26, 2006, Gethsemane Community Center, North Charleston, SC

  The purpose of this workshop was to provide information to the public – and receive comments back – related to the access roadway alternative recommended by the Transportation Agency Technical Working Group to provide direct travel between the proposed terminal and I-26. This workshop was hosted at a community center within one of the affected neighborhoods to ensure that every interested resident had the opportunity to attend.

  Approximately 75 people attended.

- Public Information Workshop, March 30, 2006, Military Magnet Academy, North Charleston, SC

  The SCDOT partnered with the USACE to host this information workshop. Following the last public information workshop (held on January 26, 2006), the SCDOT met with several stakeholders to get feedback on major concerns related to the access roadway alternatives. The purpose of this workshop was to present the revisions that were made to the recommended access roadway alternative based on the feedback received.

  Approximately 100 people attended this information workshop. The majority of attendees were residents and business owners within the affected area.

5.2.3 Neighborhood Outreach Meetings

These neighborhood meetings were a means for the USACE to go to the communities that are within the study area of the EIS and provide information on the Proposed Project and the process of developing an EIS. These meetings were a valuable opportunity for community residents to meet with the USACE in a familiar setting, ask questions relevant to their needs, and submit scoping comments/feedback. The neighborhood meetings that the USACE attended are listed below:

- Liberty Hill Neighborhood Association, March 18, 2004; Felix Pinckney Community Center, North Charleston, SC
- Glenn Terrace/Oak Ridge Neighborhood Association, April 5, 2004; Collins Park Road Community Center, North Charleston, SC
- City of North Charleston Neighborhood Association Presidents, April 13, 2004; City of North Charleston City Hall, North Charleston, SC
- Chicora-Cherokee Neighborhood Association, April 14, 2004; Chicora Elementary School, North Charleston, SC
- Union Heights Neighborhood Association, April 16, 2004; Gethsemine Community Center, North Charleston, SC
- Olde North Charleston Neighborhood Council, May 11, 2004; Olde North Charleston Meeting Place, North Charleston, SC

5.2.4 Public Hearing

A Public Hearing was held on November 17, 2005 at the North Charleston Performing Arts Center. The USACE conducted the Public Hearing as part of the NEPA process to receive oral and written comments from the public on the draft EIS and the Proposed Project. These comments were then incorporated and addressed in the final EIS. Representatives of the USACE and its consultant team were present to provide input on specific issues and concerns.[169]

[169] USACE Final Environmental Impact Statement, Proposed Marine Container Terminal at the Charleston Naval Complex, December 2006, pages 7-1 to 7-4

A public hearing on the proposed interchange project will be held following the approval of this environmental document.

5.2.5 Public Involvement Specific to the Port Access Road Interchange at I-26:

The general public was given the opportunity to provide feedback on this Access Roadway Feasibility Study as part of public involvement efforts for the CNC EIS as follows:

- A public information meeting was held on May 12, 2005 to present the status of the DEIS, including progress on the Access Roadway Feasibility Study;
- The CNC DEIS was published on October 17, 2005;
- A question and answer session that focused on neighborhoods around the CNC area occurred on November 1, 2005 at Sterett Hall on the former Naval Base;
- To provide an opportunity for public feedback, Feasible Alternatives and the planning process that led to their identification were presented at a Public Hearing for the CNC DEIS on November 17, 2005;
- A Public Information Workshop concerning the proposed access roadway was also held on January 26, 2006 to allow the community to again view the five Feasible Alternatives, including the Recommended Alternative. This workshop only featured the Feasible Alternatives and did not address the sighting of the new Port facility; and
- The comment period for comments on the CNC dEIS was extended from December 19, 2005 to April 19, 2006 to accommodate additional comments extending from this Public Information Workshop.

All public meetings were conducted in an open house format to maximize involvement and receive feedback from the general public. Citizen input obtained from each public meeting has been considered and factored into this Final Report.

Along with these meetings, any public information materials prepared for the CNC EIS has included information pertaining to the Access Roadway Feasibility Study, as applicable. These alternative forms of project information dissemination have included flyers, fact sheets, website updates, and press releases.[170]

[170] Access Roadway Feasibility Study for the CNC Marine Terminal EIS Proposed Alternative, Final Report, February 2006, page 5

STATE OF SOUTH CAROLINA)
)
COUNTY OF CHARLESTON)

LEASE

THIS AGREEMENT made this 31st day of March, 2000 ~~1999~~, between ROSEMONT ACRES, INC., a South Carolina Corporation and Liquid Transport Corporation "L.T.C.", an Indiana corporation, hereinafter called Landlord, and the CITY OF CHARLESTON, hereinafter called Tenant, which terms "Landlord" and "Tenant" shall include, wherever the context permits or requires, singular or plural, and the heirs, legal representatives, successors and assigns of the respective parties.

WITNESSETH:

DESCRIPTION OF THE PROPERTY

That the Landlord, in consideration of the rents herein reserved and of the covenants of the Tenant, does hereby lease and demise unto the Tenant, for the term hereinafter specified, the property and improvements thereon and being a portion of the property commonly known as the Old Rosemont School, Charleston, South Carolina, and being a portion of Charleston County Tax Assessor's Map No. 464-01-00-031 more fully described in Exhibit A, attached hereto and made a part of this Lease, with all the rights, easements and appurtenances to the same belonging and usually enjoyed therewith.

TERM

Landlord and Tenant agree that this Lease shall commence on the 1st day of June, 1998, and continue for an initial term of ten years (10) years from said date. The lease may be

extended for an additional five years by way of an exercise of an option by the Tenant on or before June 1, 2008 and again on or before June 1, 2013. The first term shall be on a yearly basis defined as "Initial" for the first year term and rent payment. The option terms shall be defined as "Second" for the first option period for five additional years and "Final" for the last option period for five additional years, as more fully set forth herein.

RENTAL

The Tenant shall pay to Landlord during the initial term an annual rental of Five ($5.00) Dollars and the additional consideration referenced below relating to maintenance of the proposed public facility. Tenant shall pay to Landlord for each option period, the sum of Five ($5.00) Dollars and consideration referenced during the initial term of this Lease.

PURPOSE OF LEASE

The premises are leased to the City of Charleston as Tenant for the specific and exclusive use as a public space available to all residents of the City of Charleston but specifically for the benefit of the residents of the Rosemont Community. It is specifically understood under the terms of this lease, that no structure may be erected on the property and that the property shall be operated as a park.

OPTION TO EXTEND

For the considerations herein named, the Landlord gives and grants to the Tenant the prior right and option of extending the terms of this Lease for two (2) additional five-year periods upon the same terms and conditions, running consecutively from the end of the initial term.

Tenant shall notify Landlord in writing sixty (60) days prior to the expiration of the then current five-year term of the Lease or any extensions, of its intent to exercise said option.

UTILITIES

Tenant agrees to pay all charges for any and all utilities used by Tenant on the premises, and the Landlord agrees to provide access to such utilities at all times during the term of this Lease.

TAXES

The Tenant agrees to pay, each year, all taxes attributable to the land and all the taxes attributable to the improvements, including personal property taxes.

REPAIRS BY TENANT

The Tenant agrees under the terms of this agreement and Lease, the Tenant shall, without expense to the Landlord, maintain and make all necessary repairs on the premises. It is specifically understood that the Tenant shall maintain the foliage and open space green areas during the term of this Lease.

ALTERATIONS

Alterations or improvements made by Tenant during the term of this lease, shall on the expiration thereof be the property of the Landlord and shall be surrendered with said premises as a part thereof. No alteration or improvement shall be constructed so as to extend in any part beyond the premises described in Exhibit "A". Tenant shall be entitled to remove its personal

property at the expiration of the lease provided the personal property can be removed without damage to the premises and the premises is restored to the original condition of the premises, normal wear and tear excepted.

SUB-LETTING AND ASSIGNING

The parties hereto agree that the Tenant shall not have the right to transfer this Lease or any part or portion hereof without the prior written permission of the Landlord, which permission will not be unreasonably withheld.

TERMINATION BY REASON OF DEFAULT

In the event that either of the parties hereto shall fail to perform any covenant required to be performed by such party under the terms and provisions of this Lease, including Tenant's covenant to pay rent, and such failure shall continue unremedied or uncorrected for a period of fifteen (15) days after the service of written notice upon such party by the other party hereto, specifying such failure, this Lease may be terminated, at the option of the party serving such notice, at the expiration of such period of fifteen (15) days; provided, however, that such termination shall not relieve the party so failing from liability to the other party for such damages as may be suffered by reason of such failure.

CONDEMNATION

In the event that the premises shall be taken for public use by the city, state, federal government, public authority or other corporation having the power of eminent domain, then this Lease shall terminate as of the date on which possession thereof shall be taken for such public use,

or, at the option of Tenant, as of the date on which the premises shall become unsuitable for Tenant's regular business by reason of such taking; provided, however, that if only a part of the premises shall be so taken, such termination shall be at the option of Tenant only. The entire condemnation award shall be paid to the Landlord. Tenant may make such claims as available to it for relocation expenses and other claims so long as it does not reduce Landlord's award.

REMOVAL OF EQUIPMENT

It is understood and agreed that on the termination of this Lease, provided all covenants and conditions hereof, including the payment of rent as aforesaid, have been complied with by Tenant, that then, and in that event, all personal property of Tenant may be removed by it from the premises which are subject matter of this Lease. Provided, however, such personal property can be removed without damage or injury to the building or said premises.

INSURANCE

Landlord shall not be obligated to insure any furniture, equipment, vehicles, or other property placed in the Premises by or at the expense of Tenant. Tenant shall not permit any use of the Premises that would invalidate or conflict with the terms of any hazard insurance policy covering risks insured by Landlord, and Tenant shall pay the cost of any premium amounts above standard rates for such insurance occasioned by the nature of Tenant's use of the Premises. Tenant shall obtain and maintain a comprehensive policy of liability insurance with respect to the premises and protecting Landlord and Tenant against any liability which arises from any occurrence on or about the premises or any appurtenance thereof, or any of the Claims against which Tenant is required, as allowed by law, to indemnify Landlord. The coverage limits shall be at least Five

hundred thousand Dollars ($500,000.00) with respect to combined single limit of bodily injury and property damage per occurrence. The Tenant will not cancel or change the insurance without first giving Landlord thirty (30) days prior written notice. Tenant shall provide Certification of Insurance to Landlord simultaneously with the execution of this Lease. Tenant shall be responsible to insure its own personal property and improvements made by Tenant.

SPECIAL TERMINATION PROVISION

Either party may choose to terminate this Lease and agreement because of a substantial change in the character and/or condition of the residential area adjacent to the premises known as the Rosemont Community. It specifically, is the intent of the parties that, should the Rosemont Community change its residential character, then, in that event, the provisions of this lease may be terminated by either party. A substantial change in residential character of the Rosemont Community may include, but not be limited to, portions of that Community reverting to some use other than for residential purposes. In the event either party disagrees with the interpretation of the terms of "substantial change of the residential character of the Rosemont Community", then the matter shall be submitted for arbitration pursuant to the provisions of the South Carolina Arbitration Act. The party choosing to terminate shall give notice in writing to the other party and the mailing of such notice shall automatically cause this Lease to be terminated and ended and of no further force and effect.

SIGNS

Tenant shall have the right to erect such sign or signs as Tenant may consider necessary or desirable, subject to all applicable municipal ordinances and regulations with respect thereto.

OBSERVANCE OF LAWS

Tenant shall duly obey and comply with all public laws, ordinances, rules or regulations relating to the use of the premises.

MERGER OF AGREEMENTS

The parties hereto further agree that all contracts, agreements and representations heretofore made by the parties hereto or their respective agents or representatives shall be deemed to have merged into and be superseded by this agreement, and that no modification or waiver of any term or condition hereof shall be of any force or effect unless the same shall be in writing endorsed hereon and shall be signed by all parties hereto, and no waiver of the breach of any such term or condition shall be evidence of or be construed as a waiver of any subsequent breach of the same or any other term or condition.

NOTICES

All notices required to be given to Landlord hereunder shall be sent by registered or certified mail to and all rent payments shall be made to:

Rosemont Acres/L.T.C.
c/o Young, Clement, Rivers & Tisdale, L.L.P., Agent,
at Post Office Box 993, Charleston, South Carolina, 29402,

with copies to: Albright & Wilson Americas, Inc.,
Post Office Box 4439
Glen Allen, VA, 23058-4439
Attention: Legal Department

and to: Liquid Transport Corporation
6171 W 300 N, Greenfield, IN 46140
Attention:Lanny Wilhelm.

All notices to Tenant shall be sent to:

Joseph P. Riley, Jr., Mayor
City of Charleston
Post Office Box 652
Charleston, South Carolina, 29402.

SURVIVAL

The parties hereto agree that this Lease shall be binding upon the heirs, executors, administrators, successors, and assigns of the parties.

HAZARDOUS MATERIALS

Tenant hereby covenants that it will not store, use or bring on the demised premises any hazardous materials. Tenant shall make sure that all cleaning supplies and other chemicals used in its business will be used in accordance with all rules and regulations and all containers will be disposed of in accordance with all governmental regulations.

IN WITNESS WHEREOF, the said parties have hereunto set their Hands and Seals the day and year first above-written.

WITNESSES:

As to Landlord Rosemont Acres, Inc.

As to Landlord LTC

As to Tenant

LANDLORD:

ROSEMONT ACRES, Inc.

By: _____
LYALL C. WORK, PRESIDENT

L.T.C., LIQUID TRANSPORT CORPORATION

By: _____
ARTHUR G. BORTOLUZZI

TENANT:

CITY OF CHARLESTON

By: _____
JOSEPH P. RILEY, JR., MAYOR

By: _____
Vanessa Turner-Maybank
Clerk of Council

EXHIBIT "A"

ALL that piece, parcel or lot of land, with the buildings and improvements thereon, situate, lying and being in Charleston County, State aforesaid, known as the Old Rosemont School, located at 2000 Austin Avenue, being a part of Rosemont Subdivision in Charleston Heights, and containing 2.57 acres as shown on a plat thereof by James L. White, C.E. and L.S., said plat being dated February 19, 1975, and recorded on the 17th day of July, 1975 in the RMC Office for Charleston County in Plat Book AE, at page 140.

Port Access Road (ROW Corridor) – File 10.037345A – PCN 37345 RD01 – Relocation Status

I-26 and Mainline Tracts			
Tract	Reloc. Type	Comments	Status (# of displacees)
1/66	ODA	Ashley II – obtaining bids for relocation of billboard	0/1
2	PP	Padgett – personal property items	0/1
3	PP	Origin Point Brands – personal property items	0/1
4A	ODA	Albright – obtaining bids for relocation of billboard	0/1
4C	ODA	Albright – obtaining bids for relocation of billboard	0/1
5/68	ODA	Ashley II – obtaining bids for relocation of billboard	0/2
6/7	Business	Southern Lumber – trying to meet w/R. Bybee to discuss cost to cure	0/1
9-18	Business	Xiphias (Anchor Signs) – will have to re-visit w/combining of additional tracts (9,10,11)	0/2
20	Business	Hudgens (Machinist Shop) – working w/owner to replace building space being acquired.	0/1
21	Residential	Kornahrens – Vacated	100% (1/1)
25	Business	Baldwin Brothers – Vacated	100% (1/1)
26	Business	Plantation Painters – Vacated	100% (1/1)
27	Business	Works (Round-Up) – working w/R. Bybee about a vacate date	0/1
28/61	PP	Road One – Vacated	100% (1/1)
Non – Mainline Tracts			
Tract	Reloc. Type	Comments	Status (# of displacees)
38	Business	Carolina Maritime (Con-Global)	0/1
39	Business	Carolina Maritime (Con-Global)	0/1
41/48	PP	Cross Atlantic	0/1
43	Business	Carolina Stevedoring	0/1
44	PP	Southeastern Container	0/1
45	Business	Central Transport	0/1
46	Business	William Christopher Butt (AT&T yard)	0/1
53	Business	James and Clara Milton (CJ Pantry)	0/1
57	Business, ODA	2533 Spruill Avenue (Loren Ziff) – Vacated Fairway Outdoor	1/ 2
58	PP	Spadaro Holdings (Liquid Culture)	0/1

Legend:

ODA – Billboard
PP – Personal Property
Business
Residential

BRIDGE SCOPE AND RISK ASSESSMENT FORM

COUNTY: Charleston DATE: 08/28/2012

ROAD #: I-26 STREAM CROSSING: Floodplain of Ashley River

Purpose & Need for the Project:

The purpose of the project is to construct a new interchange and access roadway from I-26 to the proposed Marine Container Terminal at the Charleston Naval Complex.

I. FEMA Acknowledgement

Is this project located in a regulated FEMA Floodway? ☐ Yes ☒ No

Panel Number: 45019C0504J Effective Date: 11/17/2004 (See Attached)

II. FEMA Floodmap Investigation

FEMA Flood Profile Sheet Number _____ illustrates the existing 100 year flood:

☐ Passes under the existing low chord elevation.
☐ Is in contact with the existing low chord elevation.
☐ Overtops the existing bridge finished grade elevation.

III. No Rise/CLOMR Preliminary Determination

☑ Preliminary assessment indicates this project may be constructed to meet the "No-Rise" requirements. A detailed hydraulic analysis will be performed to verify this assessment.

Justification: The 100-year flood elevation within the project limits is based on hurricane storm surge from the Atlantic Ocean. The fill associated with the project will be negligible compared to the volume of storm surge water for the 100-year event.

☐ Preliminary assessmnet indicates this project may require a CLOMR/LOMR. Impacts will be determined by a detailed hydraulic analysis.

Justification:

BRIDGE SCOPE AND RISK ASSESSMENT FORM

IV. Preliminary Bridge Assessment

A. Locate Existing Plans

a. Bridge Plans ☐ Yes ☐ No File No. _____ Sheet No. _____ (See Attached)

b. Road Plans ☐ Yes ☐ No File No. _____ Sheet No. _____ (See Attached)

B. Historical Highwater Data

a. USGS Gage ☐ Yes ☐ No Gage No. _____ Results: _____

b. SCDOT/USGS Documented Highwater Elevations

☐ Yes ☐ No Results: _____

c. Existing Plans ☐ Yes ☐ No See Above

V. Field Review

A. Existing Bridge

Length: N/A ft. Width: _____ ft. Max. span Length: _____ ft.

Alignment: ☐ Tangent ☐ Curved

Bridge Skewed: ☐ Yes ☐ No Angle: _____

End Abutment Type: _____

Riprap on End Fills: ☐ Yes ☐ No Condition: _____

Superstructure Type: _____

Substructure Type: _____

Utilities Present: ☑ Yes ☐ No

Describe: Overhead power, telephone, water, sewer.

Debris Accumulation on Bridge: Percent Blocked Horizontally: N/A %

Percent Blocked Vertically: N/A %

Hydraulic Problems: ☑ Yes ☐ No

Describe: The US 78/US 52 area southeast of the proposed interchange and the I-26 on ramp at Cosgrove Avenue were flooding during site visit (8/28/2012, ~ 5 inches of rain).

BRIDGE SCOPE AND RISK ASSESSMENT FORM

V. Field Review (cont.)

B. Hydraulic Features

a. Scour Present: ☐ Yes ☑ No Location: _____

b. Distance from F.G. to Normal Water Elevation: N/A ft.

c. Distance from Low Steel to Normal Water Elev.: _____ ft.

d. Distance from F.G. to High Water Elevation: _____ ft.

e. Distance from Low Steel to High Water Elev.: _____ ft.

f. Channel Banks Stable: ☐ Yes ☐ No

Describe:

g. Soil Type: _____

h. Exposed Rock: ☐ Yes ☑ No Location: _____

i. Give Description and Location of any structures or other property that could be damaged due to additional backwater.

Interchange bridges would not cause backwater. The flooding source is the storm surge.

C. Existing Roadway Geometry

a. Can the existing roadway be closed for an On-Alignment Bridge Replacement

☐ Yes ☑ No

Describe:

If "yes", does the existing vertical and horizontal curves meet the proposed design speed criteria?

If "No", will the proposed bridge be:

☑ Staged Constructed

☐ Replaced on New Alignment

BRIDGE SCOPE AND RISK ASSESSMENT FORM

VI. Field Review (cont.)

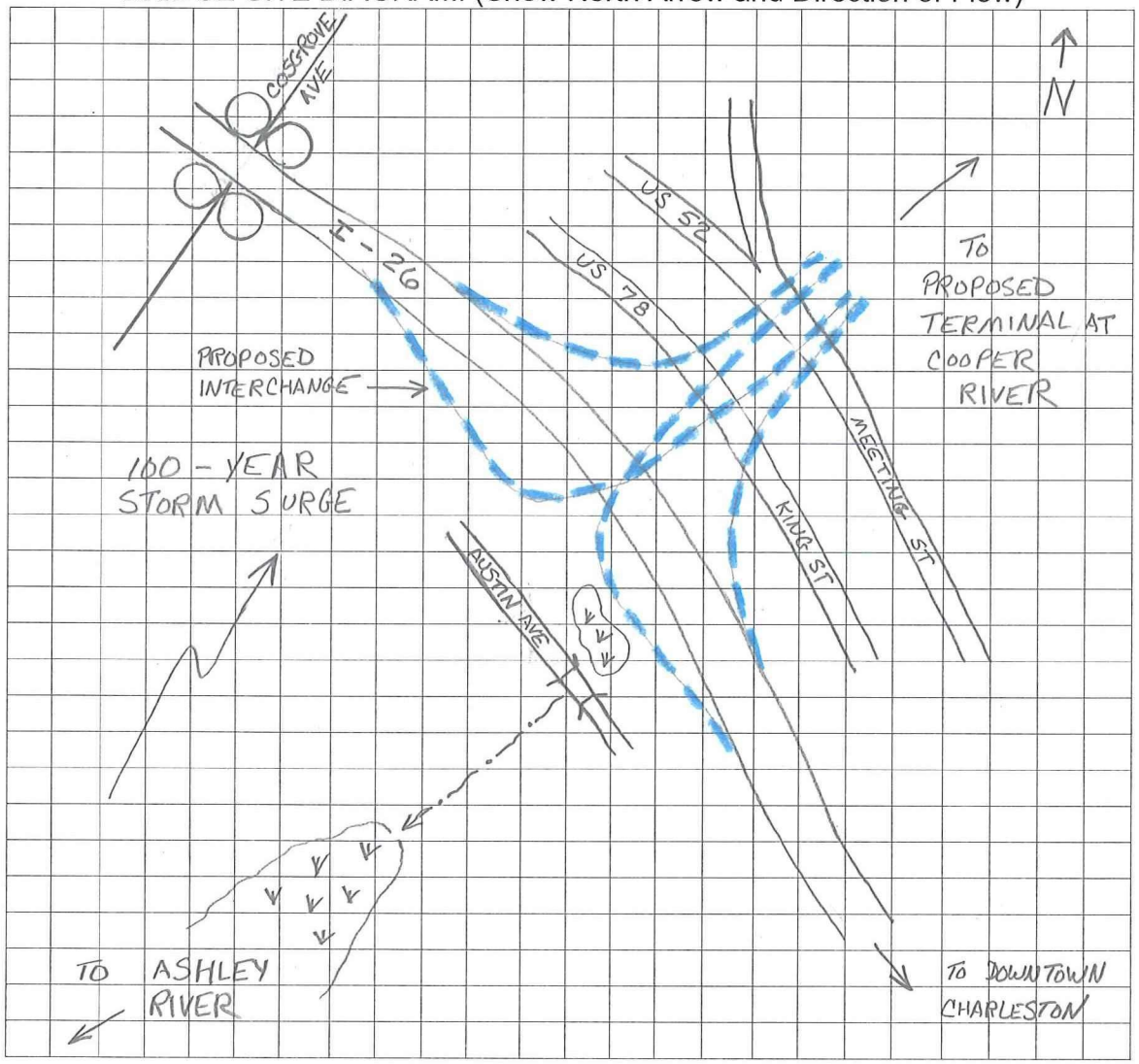
A. Proposed Bridge Recommendation:

Length: _____ ft. Width: _____ ft. Elevation: _____ ft.

Span Arangement: _____

Notes: The proposed interchange is not a water crossing. The interchange will be over the 100-year floodplain west of US 78. The flood elevation of 14.0 feet is based on storm surge from the Atlantic Ocean, so any fill or bridge piers required for the proposed interchange will be negligible.

BRIDGE SITE DIAGRAM: (Show North Arrow and Direction of Flow)



Performed By: Steve Swygert, PE

9°58′02.5"
.5"

JOINS PANEL 0502

APPROXIMATE SCALE
MAP SCALE 1" = 500'
0 500 1000 FEET
METERS

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
CHARLESTON COUNTY, SOUTH CAROLINA
AND INCORPORATED AREAS

PANEL 504 OF 855

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CHARLESTON, CITY OF	455412	0504	J
CHARLESTON COUNTY	455413	0504	J
NORTH CHARLESTON, CITY OF	450042	0504	J

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

MAP NUMBER
45019C0504J

EFFECTIVE DATE:
NOVEMBER 17, 2004

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

STROMBOLI RD
BAKER HOSPITAL BLVD
AZALEA DR
MEETING ST
CARNER AVE
KING ST
RIVERVIEW AVE
HOLLAND ST
SPRUILL AVE
HAMPTON ST
DEBONAIR ST
COLUMN ST
BEACON AVE
REGAL ST
BOXWOOD AVE
CORONA ST
RIVERVIEW ST
HACKERMAN ST
COSMOPOLITAN AVE
BUCHHANAN ST
DAVIS ST
ARBUTUS AVE
BEECH AVE
COMSTOCK AVE
DELAWARE AVE
ECHO ST
ADAMS ST
FOREST AVE
GROVELAND AVE
HUGO ST
IRVING AVE
JOPPA AVE
LITTLE AVE
KINGSWORTH AVE
PITTSBURG AVE
AUSTIN AVE
SUMMERVILLE ST
CHERRY HILL LN
CJ0181
CJ0180
CJ0185
CJ0175
CJ0174
26

ZONE AE (EL 12)
ZONE X
ZONE AE (EL 13)
ZONE AE (EL 14)
ZONE AE (EL 15)

City of North Charleston
450042

Charleston Coun
Unincorporated A
455413

Baker

I-26 Port Access Road Utility Coordination Preliminary Status Report

Project Limits:

Project Description: The I-26 Port Access Road Project located in North Charleston, SC involves design and construction of a new interchange at the current King St/Meeting St interchange. This new interchange will provide a new access to the old Charleston Naval Base. There will also be improvements made at Carner and Meeting St and Stromboli Ave will be extended to connect to the new Bainbridge Connector. The new Bainbridge Connector will connect to the mainline of the new access road.

Baker has identified twelve (12) utility companies within the project limits: AT&T, Comcast, Charleston Water System, Knology, North Charleston Sewer District, Santee Cooper Electrical Transmission, Santee Cooper Electrical Distribution, SCANA, South Carolina Electric & Gas (SCE&G) Electrical Distribution, SCE&G Electrical Transmission, SCE&G Gas, SCE&G Lighting.

AT&T- Telephone:
AT&T owns and operates a buried cable and aerial lines within the project area. The facilities are within the right of way by permission of an encroachment permit. The relocation and/or adjustments to the facilities will be at no cost to SCDOT. AT&T does not have prior rights. AT&T will provide crews to relocate and/or adjust facilities. AT&T's biggest concern in the project area is a work center building. The work center is located at the corner of Meeting St and Stromboli Ave. The work center will be affected by the proposed right of way acquisition for the improvements on Stromboli Ave. AT&T will require time to acquire a new building facility and move work center personnel and equipment.

Charleston Water System (CWS) – Water:
CWS has existing water mains within the project area ranging from 4" distribution main to 24" transmission main. The major conflict with these facilities is in the area of the new interchange. CWS has a 24" transmission water main at the Spruill Ave and Meeting St intersection and also along Summerville Ave and I-26. Any relocation of the 24" main will have to be completed as night work and will be restricted to specific times of the year. CWS has partial prior rights. A grid map provided by CWS is included.

Comcast Cable- CATV:
Comcast Cable is attached to SCE&G's poles throughout the project area. Comcast Cable will be required to coordinate its relocation activities with SCE&G. Comcast Cable has a joint use agreement with SCE&G. Comcast will provide crews to relocate these facilities.

Knology – CATV:
Knology is aerial throughout the project area and attached to SCE&G's poles in the project area. Knology will be required to coordinate its relocation activities with SCE&G. Knology does not have prior rights. Knology will provide crews to relocate these facilities. Relocation time will be dependent on the relocations of SCE&G, but it will take 3 to 6 months for Knology to complete relocations.

North Charleston Sewer District (NCSD) – Sanitary Sewer:
NCSD has gravity and force main sewer facilities of various sizes throughout the project area. Night work will be required for much of the relocation work so that it can be accomplished when the demand on the system is at its lowest. NCSD has partial prior rights within the project area. The length of time to relocate will depend on the overall relocations required.

Santee Cooper – Electrical Transmission:
Santee Cooper electrical transmission consists of overhead single circuit lines throughout the project area. The improvements will directly impact approximately 25 poles within the project limits, 19 of these poles are located within the area of the new interchange. There is the potential for more pole impacts depending on the line angles created by the relocation of directly impacted poles. Santee Cooper has prior rights in the project area. Santee Cooper estimates late 2014 for the completion of relocations. A grid map and a sheet showing the existing transmission line and easement overlaid on the project layout are included.

Santee Cooper – Electrical Distribution:
Santee Cooper electrical distribution is located on the existing transmission poles and will follow transmission relocations.

SCANA – Fiber Optic:
SCANA has fiber optic cable located on the existing SCE&G transmission poles and will be relocated as part of the SCE&G transmission structure relocations.

South Carolina Electric & Gas (SCE&G) - Power Distribution:
Distribution will likely go underground at the King St. and Meeting St areas around the new interchange. SCE&G has a new line along Tidewater Rd. SCE&G has power lines the entire length of Stromboli Ave on both sides of the road. Distribution also crosses I-26 near Discher Ave which may be a major conflict depending on the width added to I-26 for ramps. SCE&G does have prior rights within the project area. SCE&G estimates one year to complete relocations.

South Carolina Electric & Gas (SCE&G) - Transmission Distribution:
SCE&G has plans to rebuild much of the transmission structures within the project area over the next couple of years. Plans are complete, but the area around the interchange will need to be revised, due to the port access road improvements. SCE&G has been told that the new transmission structures must be located outside of the federal right-of-way. SCE&G has stated

that in the area around the interchange that the transmission structures could be between 150' to 200' tall, which could create air traffic control issues. SCE&G anticipates relocations could be completed by late 2014. SCE&G does have prior rights within the project area. Maps shown the overall rebuilds planned by SCE&G transmission are included.

South Carolina Electric & Gas (SCE&G) – Gas:
SCE&G has existing steel gas lines throughout the project area ranging from 2" to 16". There are two transmission lines, 12" and 16", which will be impacted by the new interchange predominately by the location of the bridge and roadway supports. The two transmission lines are the main feed for the downtown Charleston area and will best be relocated during the summer months due to the warmer weather. A grid map showing the gas in the area is included. SCE&G gas has prior rights.

South Carolina Electric & Gas (SCE&G) – Lighting:
SCE&G has lights throughout the project area and will relocate as needed.

UTILITY CONTACT INFORMATION

COMPANY	CONTACT PERSON
Baker (Utility Relocation Manager)	James Wilson, PE 843-329-0050 jrwilson@mbakercorp.com
AT&T Telephone	Kaye Jefferson 843-722-7977 Cj9951@att.com
Charleston Water System (Water)	Greg Hider 843-727-6877 hiderga@charlestoncpw.com
Comcast (Cable TV)	Rick Hochreiter 843-266-3156 Rick_hochreiter@cable.comcast.com
Knology (Cable TV)	Richard Henslee 843-514-4765 richard.henslee@knology.com
North Charleston Sewer District (Sewer)	Jarred Jones 843-764-2656 jjones@ncsd-sc.com
Santee Cooper (Transmission)	Tate Boulware 843-761-8000 tate.boulware@santeecooper.com
Santee Cooper (Distribution)	Jane Cooke 843-761-8000 jane.cooke@santeecooper.com
SCANA (Fiber Optic)	Bill Meyerhoff 843-576-8876 bmeyerhoff@scana.com
SCE&G (Distribution)	Craig Kreinest 843-576-8458 craig.kreinest@scana.com

SCE&G (Transmission)	David McLawhorn 843-833-2746 dmclawhorn@ucsynergetic.com
SCE&G (Gas)	Jim Suit 843-576-8225 jmsuit@scana.com
SCE&G (Lighting)	Andrew Marshall 843-576-8733 amarshall@scana.com

Recommendations:

A set of plans that show proposed drainage layout and the supports for roadways above grade would assist in further defining and identifying utility conflicts. Many of the existing utilities are located inside some of the proposed rights of way, but may not conflict with any of the physical improvements proposed. It is also recommended that for utilities that are being relocated underground, primarily electrical and communications facilities, should be located in joint trenches where possible.

As this project is currently to be constructed as a design/build project close coordination will be required between the design/build team and the utility owners. All of the utility owners have expressed that as soon as exact conflicts are identified they are reading to begin design on relocation plans and start relocations.

CWS Map

Legend

WMain

Sub_Type, Status

- Distribution Main (4"-12")
- Hydrant Lead
- Transmission Main (16" +)

The data you requested and shown herein is taken from third party drawings and resources and the Charleston Water System does not warrant or guarantee the accuracy and/or the completeness of the information. "Charleston Water System acquires, develops, maintains and uses GIS datasets in support of its internal business functions and public services. All GIS datasets are provided 'as is' with no warranty.

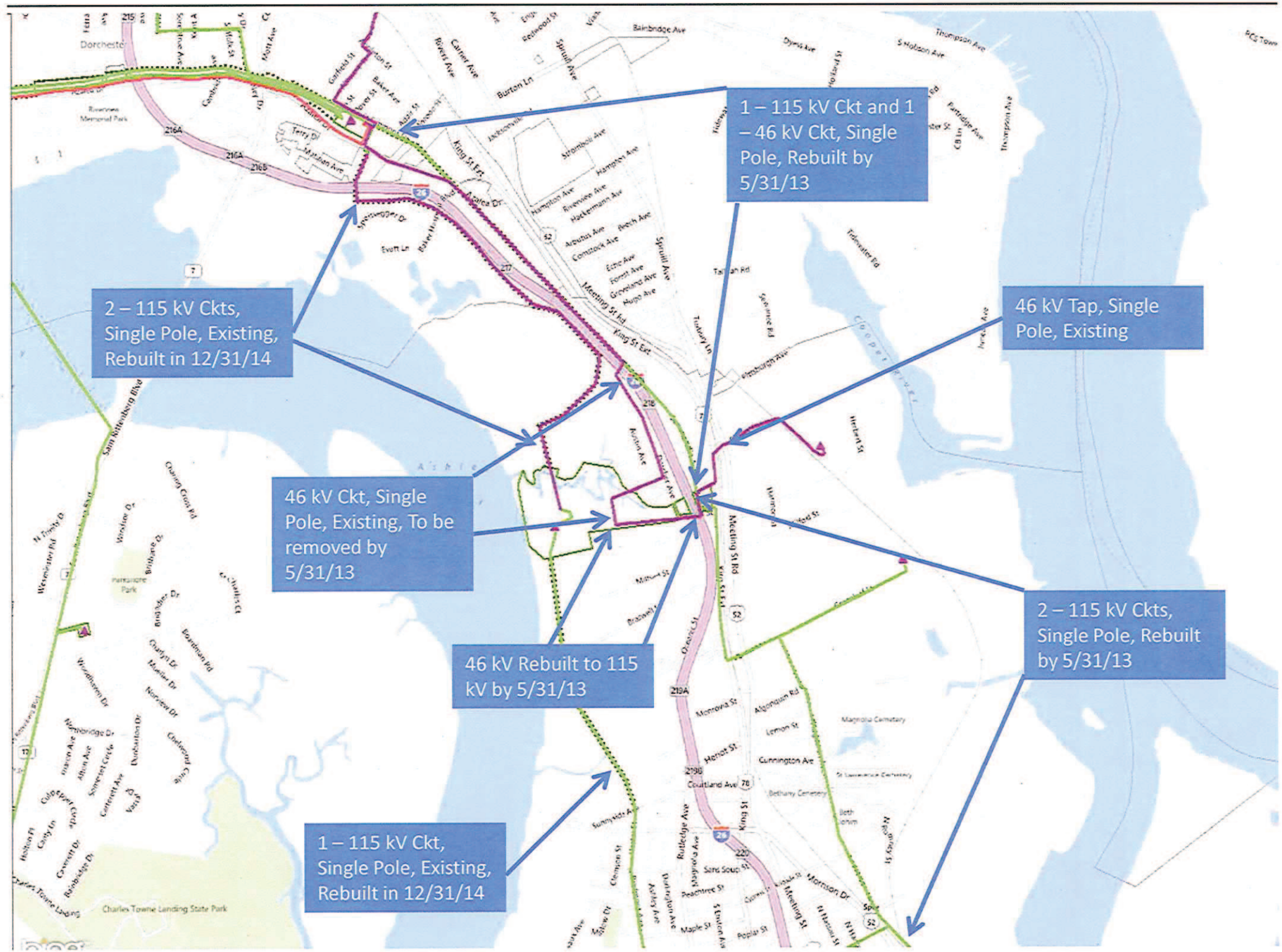
All record drawing information and GIS information should be verified in the field. It is your responsibility to verify all information derived from the GIS data before making decisions or taking action based on any record drawings and/or GIS data.

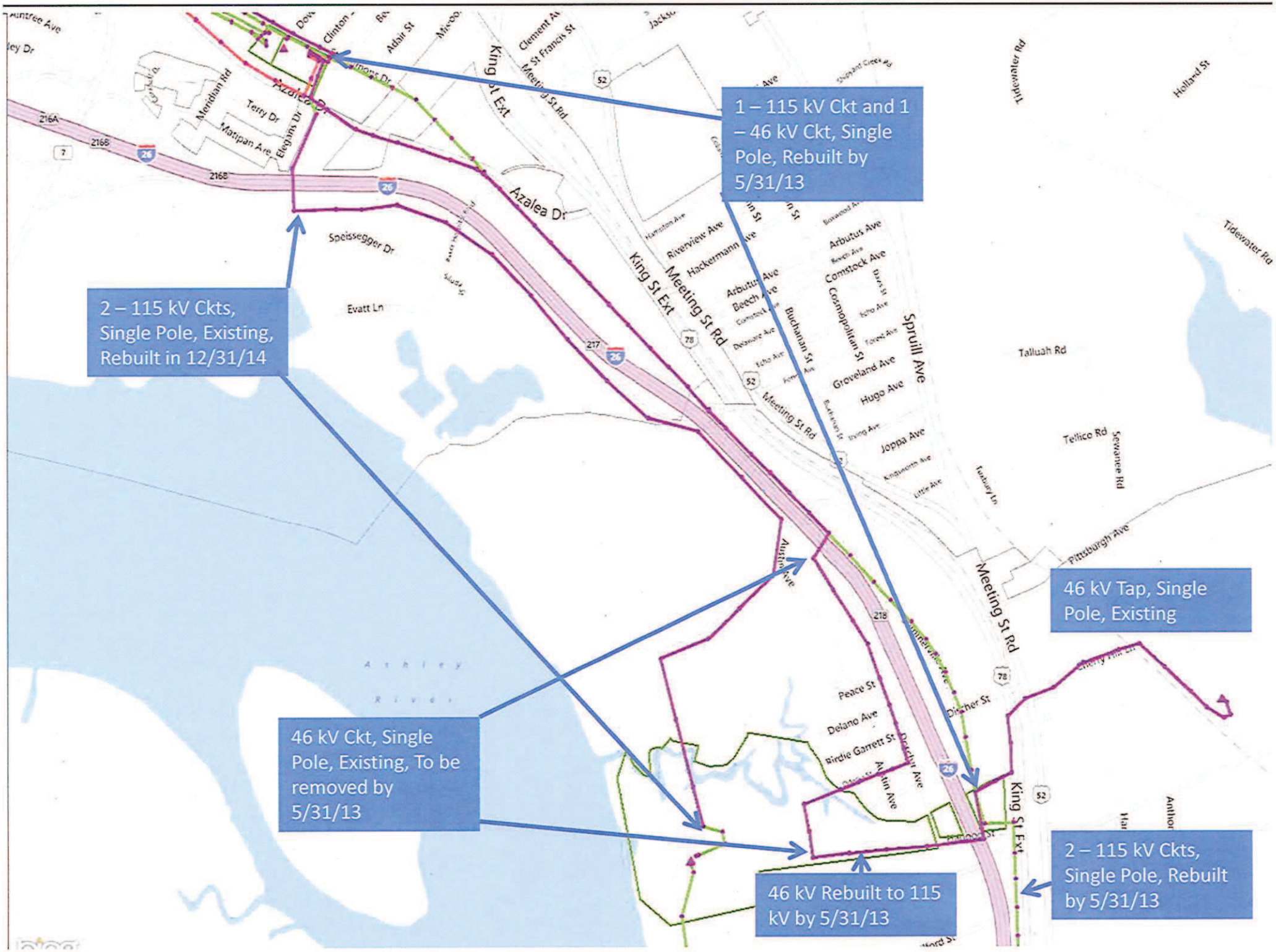
Charleston Water System

Santee Cooper Transmission Maps

LINE "A"
LINE "B"
LINE "C"
LINE "D"
LINE "E"
LINE "F"
LINE "G"
LINE "H"
LINE "I"
LINE "J"
LINE "K"
LINE "L"
LINE "M"
LINE "N"
LINE "O"
LINE "P"
LINE "Q"
LINE "R"
LINE "S"
LINE "T"
LINE "U"
LINE "V"
LINE "W"
LINE "X"
LINE "Y"
LINE "Z"
MAINLINE
MP 73.45
MP 73.50
MP 73.55
MP 73.60
MP 73.65
MP 73.70
MP 73.75
MP 73.80
MP 73.85
MP 73.90
MP 73.95
MP 74.00
MP 74.05
MP 74.10
MP 74.15
MP 74.20
MP 74.25
MP 74.30
MP 74.35
MP 74.40
MP

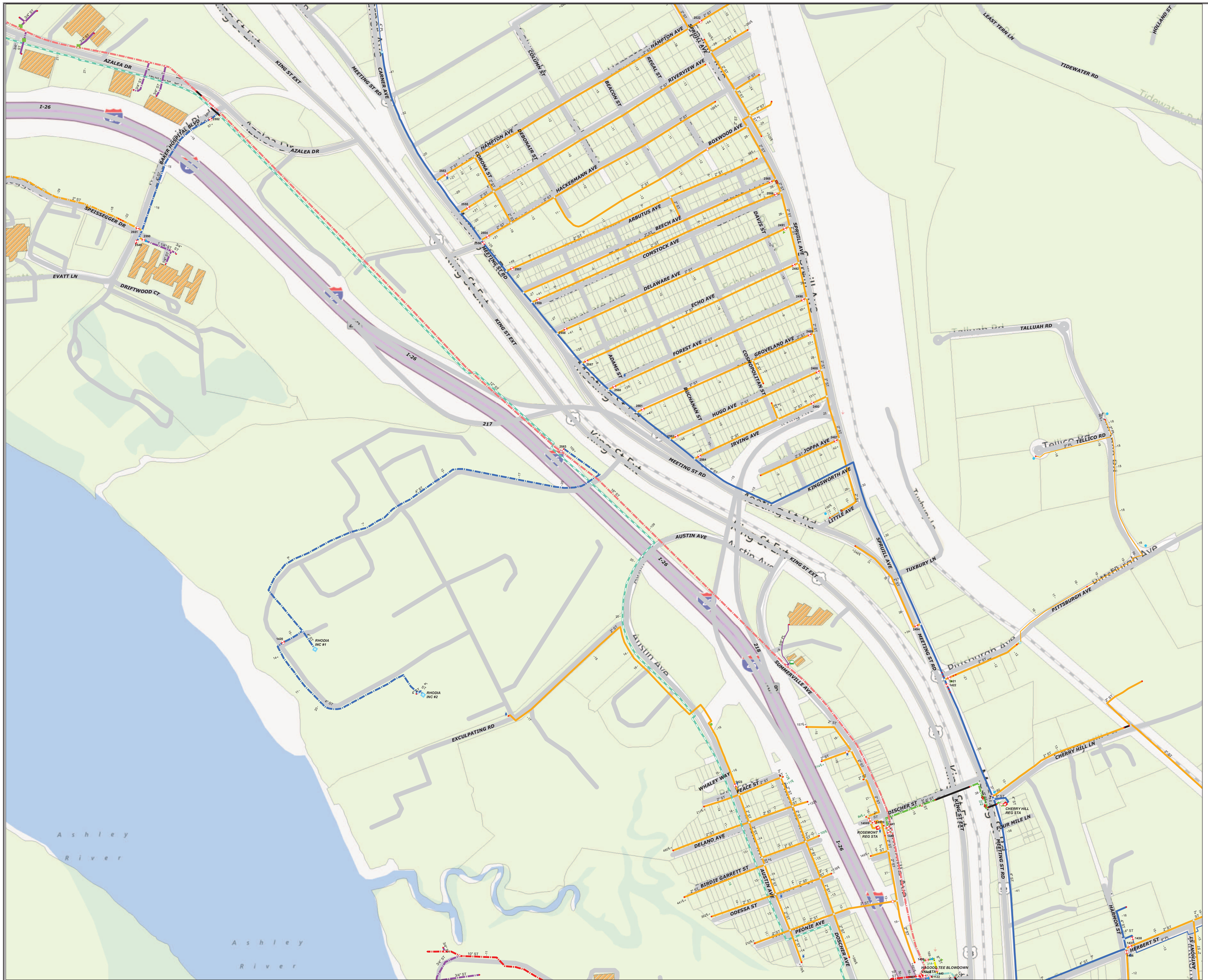
SCE&G Transmission Maps


1 – 115 kV Ckt and 1 – 46 kV Ckt, Single Pole, Rebuilt by 5/31/13
2 – 115 kV Ckts, Single Pole, Existing, Rebuilt in 12/31/14
46 kV Tap, Single Pole, Existing
46 kV Ckt, Single Pole, Existing, To be removed by 5/31/13
2 – 115 kV Ckts, Single Pole, Rebuilt by 5/31/13
46 kV Rebuilt to 115 kV by 5/31/13
1 – 115 kV Ckt, Single Pole, Existing, Rebuilt in 12/31/14


1 – 115 kV Ckt and 1 – 46 kV Ckt, Single Pole, Rebuilt by 5/31/13
2 – 115 kV Ckts, Single Pole, Existing, Rebuilt in 12/31/14
46 kV Tap, Single Pole, Existing
46 kV Ckt, Single Pole, Existing, To be removed by 5/31/13
46 kV Rebuilt to 115 kV by 5/31/13
2 – 115 kV Ckts, Single Pole, Rebuilt by 5/31/13
Azalea Dr
King St Ext
Meeting St Rd
Spruill Ave
Speissegger Dr
Evatt Ln
Talluah Rd
Tellico Rd
Sewanee Rd
Pittsburgh Ave
Tidewater Rd
Holland St
Peace St
Delano Ave
Birdie Garrett St
Discher St
Austin Ave
Riverview Ave
Hackermann Ave
Arbutus Ave
Comstock Ave
Cosmopolitan St
Groveland Ave
Hugo Ave
Joppa Ave
Buchanan St
Meridian Rd
Terry Dr
Matipan Ave
Elegans Dr
Adair St
Clement Av
St Francis St
Ashley River


46 kV Rebuilt to 115 kV by 5/31/13
2 – 115 kV Ckts, Single Pole, Rebuilt by 5/31/13
1 – 115 kV Ckt, Single Pole, Existing, Rebuilt in 12/31/14
Birdie Garrett St
Odessa St
Peonie St
Hagood
Harmon St
Anthony St
Milford St
Herbert St
King St Ext
Meeting St Rd
Braswell St
Oceanic St
Ashepoo Ln
Booker St
Prescott St
Greenleaf St
Transwold Ln
219A
26
52
78

SCE&G Gas Map



JOB NAME:

WORK ORDER#:

TOWN:

COST CENTER:

PROJECT CODE:

CONTRACTOR:

FOREMAN:

INSPECTOR

DATE STARTED:

DATE COMPLETED:

MAP SHEET:

INSTALLED MAIN

DEPTH:

JOINT TRENCHED:

PLASTIC

SIZE:

PE:

SPEC:

SDR:

MFG:

TOTAL PLASTIC FOOTAGE:

TEST PRESSURE PLASTIC:

MOP:

MAOP:

STEEL

SIZE:

TYPE:

GRADE:

SPEC:

WALL:

COATING:

TOTAL STEEL FOOTAGE:

TEST PRESSURE STEEL:

MOP:

MAOP:

EXISTING MAIN

SIZE:

MATERIAL:

MOP:

MAOP:

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Original Approved By _____ _____
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File Number_____
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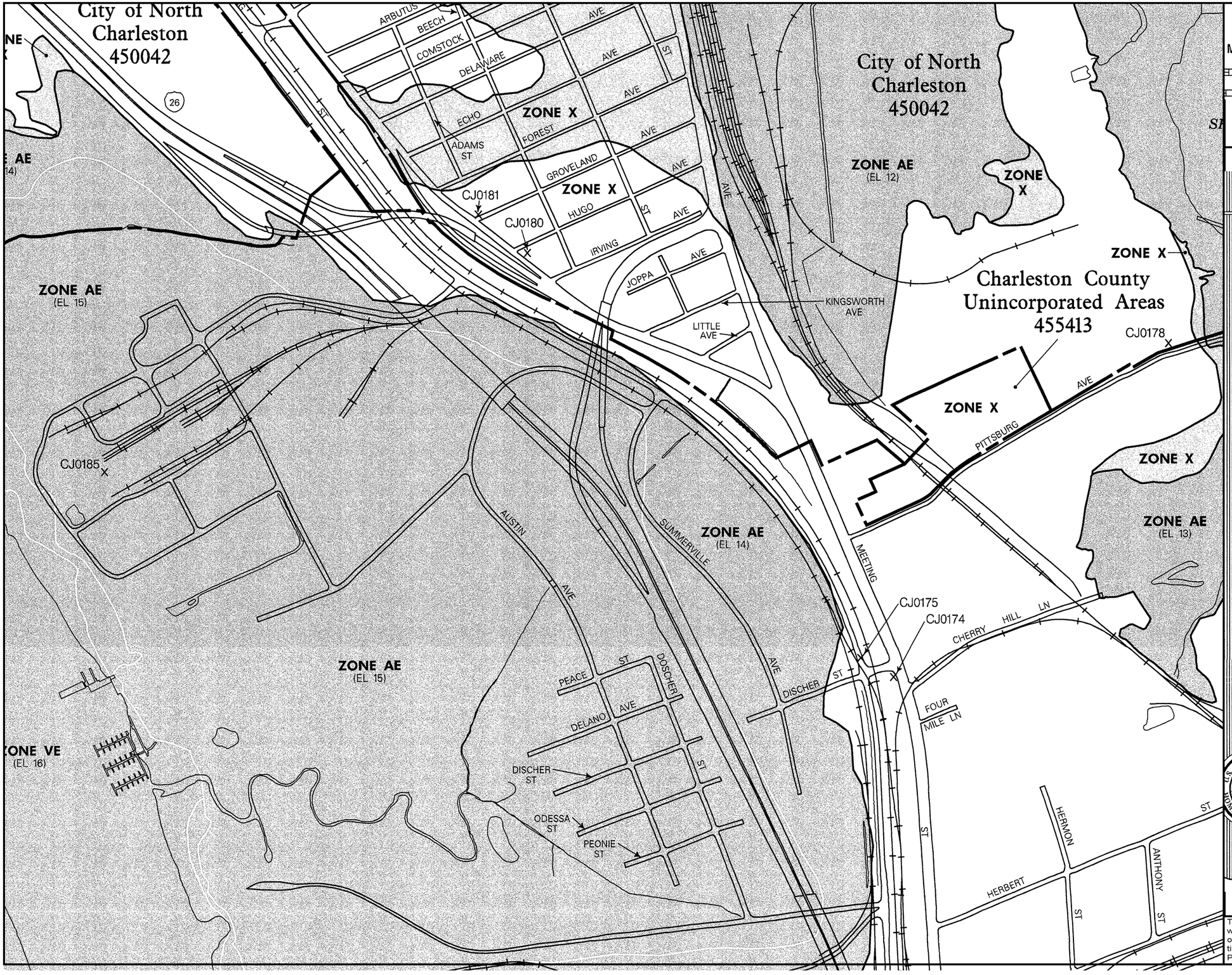

APPROXIMATE SCALE
MAP SCALE 1" = 500'
0 500 1000 FEET
METERS

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
CHARLESTON COUNTY, SOUTH CAROLINA
AND INCORPORATED AREAS

PANEL 504 OF 855
(SEE MAP INDEX FOR PANELS NOT PRINTED)
CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
CHARLESTON, CITY OF	455412	0504	J
CHARLESTON COUNTY	455413	0504	J
NORTH CHARLESTON, CITY OF	450042	0504	J

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

MAP NUMBER
45019C0504J

EFFECTIVE DATE:
NOVEMBER 17, 2004

Federal Emergency Management Agency

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I-26 / Naval Base Terminal Access Road Interchange

INTERCHANGE MODIFICATION REPORT

CHARLESTON COUNTY, SOUTH CAROLINA

Prepared for:

South Carolina Department of Transportation

Prepared by:

Parsons Brinckerhoff, Inc.

May 2012



PARSONS BRINCKERHOFF

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EXECUTIVE SUMMARY

The planning for a new marine container terminal began in 1999 when the South Carolina State Ports Authority (SCSPA) applied to the U.S. Army Corps of Engineers (USACE) and the South Carolina Department of Health and Environmental Control (SCDHEC) for a permit to construct a marine cargo terminal on its property on Daniel Island in Charleston, South Carolina. This planning process ended in 2007 when a Final Environmental Impact Statement (FEIS) was issued and a Record of Decision (ROD) was reached for development of a container terminal at the old Navy Base in North Charleston, with a controlled-access 4-lane roadway connecting to I-26 with a new directional T-interchange in lieu of the current Exit 218 ramps. This is now an adopted project in the region's land use and transportation plan, and is slated for implementation by year 2020.

The project was evaluated in the Port EIS study as Alternative 1D and was ultimately selected as the Preferred Build Alternative. This Alternative 1D was determined to be the most feasible option for meeting the purpose and need of the project after considering numerous site locations, modal options, roadway alignments, interchange designs and local roadway improvements. The project is currently referred to as the Navy Base Terminal (NBT) and the access road to I-26 is referred to as the Port Access Road. The purpose of the current Interchange Modification Report (IMR) study is to document the traffic operational impact of this project on I-26 mainline within the immediate influence area interchanges and prepare an IMR as per the Federal Highway Administration's 8-point policy. A summary of responses to the FHWA eight policy points are documented in a matrix below.

The latest traffic operational analysis revealed that I-26 would slightly worsen from LOS D to LOS E traffic conditions in forecast year 2035 conditions during the highest peak hours of the day (i.e., 7-8 am and 5-6 pm) and in the peak travel direction, between the proposed new interchange and the Cosgrove Avenue interchange. This traffic impact is less than what was anticipated during the Port EIS study due to the reduced traffic growth projections in the region and reduced land use growth projections along the immediate interchange areas. The latest traffic simulation analysis found no significant queuing impact along I-26 mainline operations within the influence area of the Port Access Road.

The modification to the I-26 Interchange at Exit 218 to implement a new fully directional T-interchange with the Port Access Road is necessary because the current roadway infrastructure is inadequate to serve the truck traffic from the NBT. The traffic operations of the modified interchange have been studied extensively as part of the Port EIS and the current IMR study and the interchange design would provide acceptable LOS E or better traffic operations in the design year (2035). With all federal requirements outlined and addressed in this document met, FHWA approval to proceed with the interchange modification at I-26 to provide access to the Naval Base Terminal via the Port Access Road should be granted.

FHWA Eight-Point Policy Response Summary Matrix

Policy Point	Summary Response
1. Existing Network	A detailed traffic study during the Port EIS concluded that the existing roadway network is inadequate to accommodate the future traffic demand from the new container terminal. This was due to several reasons including inadequate capacities of north-south arterials, turning radius restrictions at intersections, busy interchanges at Cosgrove Avenue and Dorchester Road, and trucks traveling through residential areas or circuitous routes in order to reach I-26. The use of the existing road network for truck travel would impact several historic Environmental Justice communities.
2. Alternatives	Numerous alternatives were evaluated for locating the new container terminal in the region. Once the old Navy Base site was selected as the preferred location, numerous roadway alignment alternatives were evaluated during the Port EIS study. The Port EIS selected Alternative 1D as the Preferred Build Alternative, which included a new roadway connecting the NBT with I-26 near Exit 218. The TSM alternative was deemed as inadequate to fulfill the project's purpose and need. Other alternatives such as HOT lane and ramp metering were deemed infeasible based on follow on studies conducted by the SCDOT.
3. Operation & Safety	Detailed traffic operational analyses were carried out for the IMR study using HCS2010 and CORSIM simulation models. The operational analysis explored the full range of impacts of the project on I-26 (between Mt. Pleasant Street and Dorchester Road) in design year 2035 conditions during Commuter AM peak hour (7-8 am), Port AM peak hour (9-10 am), Port PM peak hour (2-3 pm), and Commuter PM peak hour (5-6 pm). The analysis shows that I-26 would maintain LOS E or better operations during commuter AM and PM peak hours while accommodating year 2035 Build traffic demand. The simulation analysis confirmed that there would be no traffic flow breakdowns within the study area I-26 segments in year 2035 Build conditions. This traffic LOS finding shows improvement (compared to the results documented in the Port EIS study), primarily due to the reduced growth forecasts in the region and along the I-26 corridor that took into account the effects of the recent economic recession. Previously anticipated large-scale mixed-use land development projects such as the Magnolia development and the Noisette development were significantly reduced in the region's updated growth forecast. The project is also anticipated to improve traffic safety along I-26 by eliminating the substandard ramps at Spruill Avenue and by incorporating higher design standards for the new ramps.
4. Full Interchange	The new Port Access Road and the fully directional T-interchange will substantively improve access to the industrial Neck area. The directional T-interchange will provide access in both directions of I-26. The Port Access Road will provide local connections to Spruill Avenue, Bainbridge Avenue, and other local businesses.
5. Plan Compatibility	The Port Access Road and the new I-26 interchange is now part of the BCDCOG's adopted Long Range Transportation Plan (LRTP) and the SCDOT's Statewide Transportation Improvement Program (STIP).
6. Cumulative Effects	There are no other proposed interchange modifications within the general vicinity. The current IMR study utilized the BCDCOG's regional travel demand model to develop year 2035 traffic forecasts along I-26. The regional demand model took into consideration the effects of all other roadway improvements in the region.
7. Stakeholder Coordination	Extensive stakeholder coordination took place throughout the Port EIS project. This stakeholder coordination process resulted in the selection of a Preferred Alternative (1D), which not only serves the purpose and need of the NBT, but also provides significant mobility benefit to local communities and businesses.
8. NEPA Compliance	A Final EIS was issued in 2006 and a Record of Decision was reached in 2007 on the Navy Base Terminal and the Port Access Road. The current Preferred Alternative design was included in the FEIS as Alternative 1D.

1. INTRODUCTION

PROJECT LOCATION

The proposed Port Access Road interchange is located in the City of North Charleston, Charleston County, South Carolina, in the industrial "Neck" area near the old Charleston Navy Base. The proposed project is a new freeway interchange on I-26, located south of the existing Meeting Street ramps (Exit 217).

The proposed project will remove the existing Spruill Avenue ramps (Exit 218) and build a new full movement directional T-interchange connecting to a new Port Access Road. The new Port Access Road will connect to the Navy Base Terminal (NBT) that is currently under construction by the South Carolina State Ports Authority (SCSPA) on the west banks of the Cooper River at the old Navy Base.

Figure 1-1 illustrates the project location within the broader context of the state and the Charleston region.

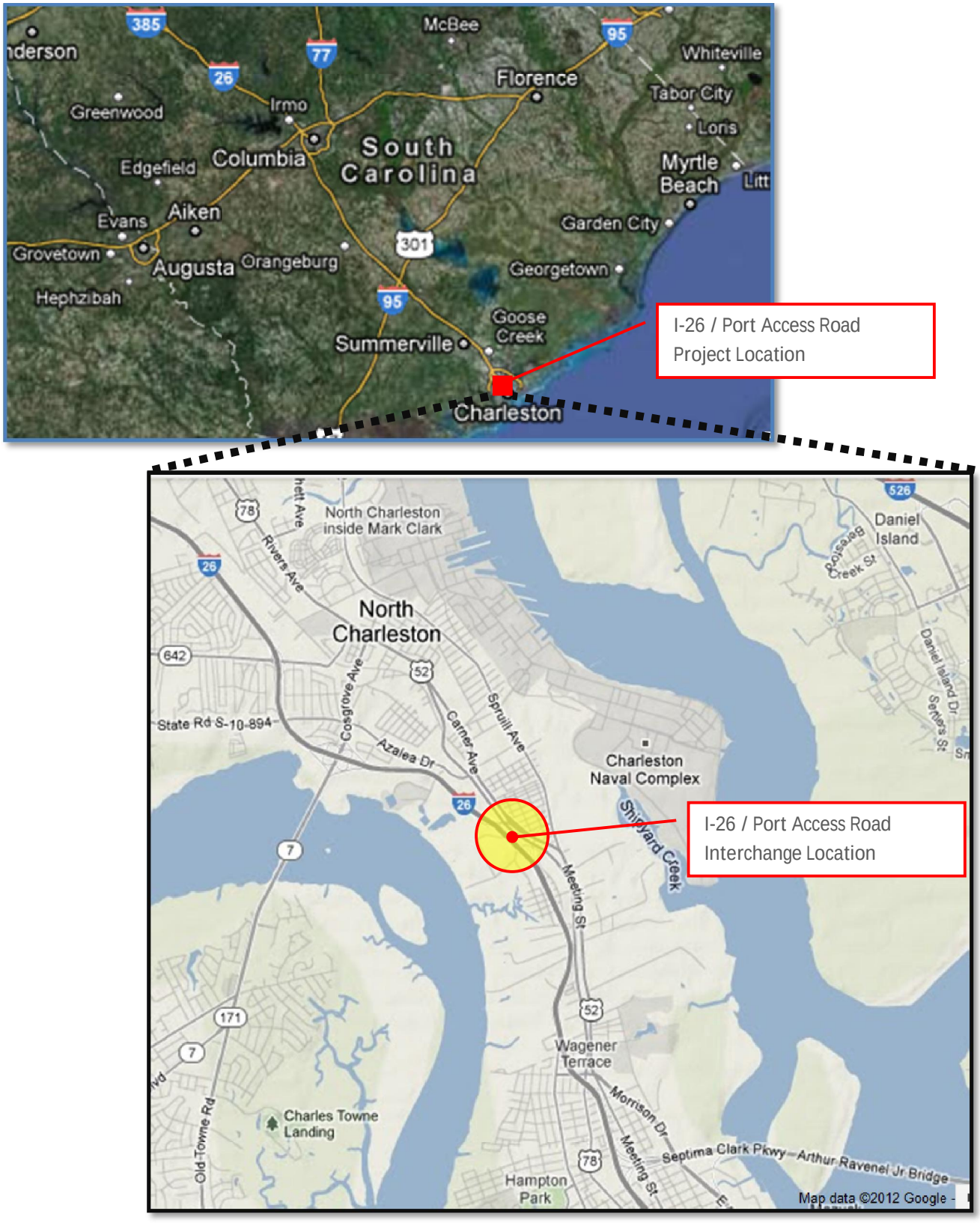
PROJECT HISTORY

The planning for a new marine terminal began in 1999 when the SCSPA applied to the U.S. Army Corps of Engineers (USACE) and the South Carolina Department of Health and Environmental Control (SCDHEC) for a permit to construct a marine cargo terminal on its property on Daniel Island in Charleston, South Carolina. The SCSPA prepared a Draft Environmental Impact Statement (DEIS) to support their Daniel Island site permit application. During the public hearing on the DEIS, the project faced strong public opposition. Consequently, the SCSPA withdrew its permit application in 2001.

Recognizing the need for the SCSPA to expand its facilities in support of its mission, the South Carolina General Assembly approved a Joint Resolution in 2002, requiring the SCSPA to begin environmental impact studies and other required actions to obtain a permit for a new terminal facility on the West Bank of the Cooper River on the former Navy Base site. The Charleston Naval Complex Redevelopment Authority (RDA) was authorized by the General Assembly to convey portions of the former Charleston Naval Complex (CNC) to the SCSPA for the construction and operation of a marine terminal. This new legislative directive jump-started a new environmental planning process around the Navy Base site. The 2002 planning process started with a Needs Assessment study conducted by the SCSPA that outlined the future terminal capacity needs to accommodate the projected growth in containerized cargo through the Port of Charleston. The Needs Assessment study recommended for a new marine container terminal with a throughput capacity of 1.4 million TEU to meet the projected year 2025 demand for container cargo movements through the Port of Charleston.



FIGURE 1-1 PROJECT LOCATION

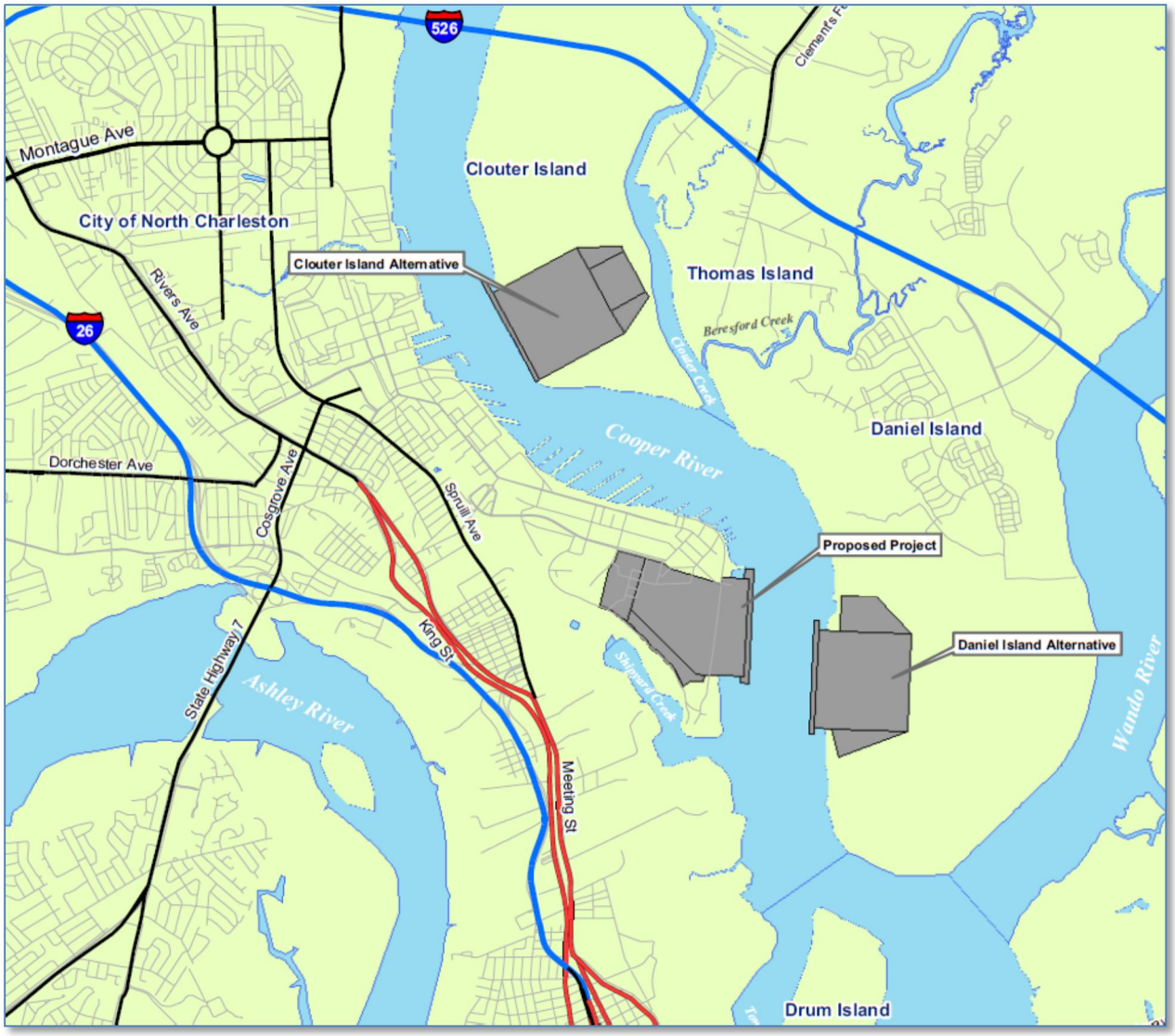


The next step in the planning process involved a new site evaluation process to compare the merits of the Navy Base site with alternate locations. The site comparison process evaluated several available alternate sites based on the following project purpose:

"To provide state-owned port facilities that meet the reasonably projected throughput capacity for containerized cargo in the state of South Carolina for the next twenty years."

The process screened 59 potential sites to 24 alternate sites based on several criteria: Navigation Access, Available Backland, Minimum Shoreline and Road and Rail Access. These 24 alternate sites were further screened using a set of detailed criteria to a list of three finalists. The final three alternate sites were carried forward in the Environmental Impact Statement (EIS) study. These three sites, depicted in Figure 1-2, were in Daniel Island, Clouter Island and the Old Navy Base. The evaluation process led to the selection of the Navy Base site as the preferred site for the new terminal.

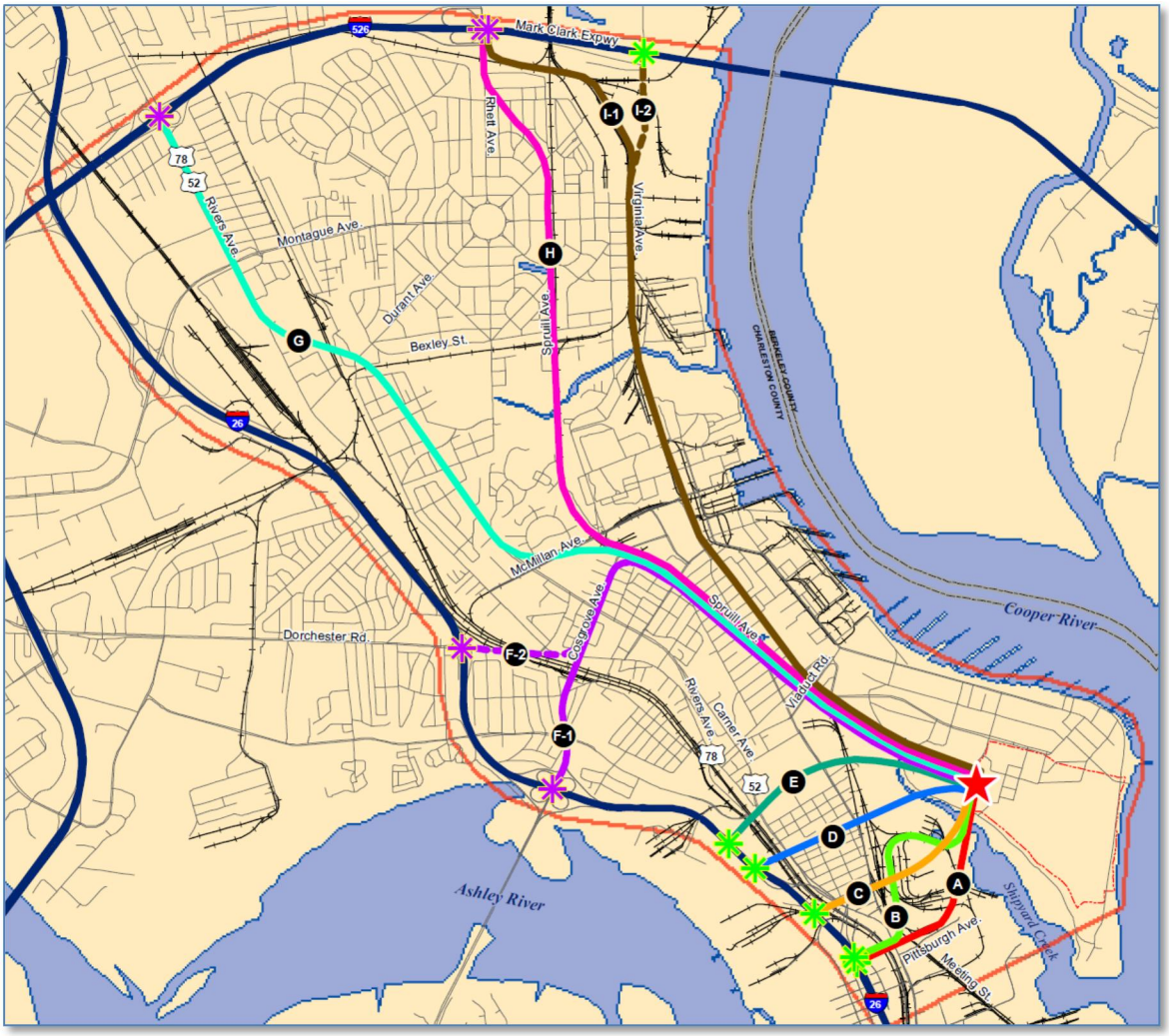
FIGURE 1-2 ALTERNATE SITES EVALUATED IN THE PORT EIS



The Navy Base site was evaluated with several access options from the Interstate system. These access options were evaluated in 2005/2006 as part of the Access Road Feasibility Study (ARFS). The ARFS first considered an option of building no new access roads and using the existing roadways and interchanges to serve the new terminal. Because of the impacts identified to local roads and interchanges, the ARFS then identified several alternatives of building a new direct access road to connect the terminal with the Interstate System (depicted in Figure 1-3 as Access Routes A through H). The ARFS recommended the Alignment D direct access road with a new interchange configuration to minimize community impacts and for the terminal to function efficiently in the build-out.

A Final Environmental Impact Statement (FEIS) was issued in 2006 and a Record of Decision (ROD) on the Navy Base Terminal and the Port Access Road alignment was reached in 2007. The Phase 1 of the Navy Base Terminal is currently under construction is scheduled for completion in 2018.

FIGURE 1-3 ALTERNATE ACCESS ROUTES EVALUATED IN THE PORT EIS



PROJECT DESCRIPTION

The South Carolina State Ports Authority (SCSPA) and the South Carolina Department of Transportation (SCDOT) worked cooperatively to complete a Final Environmental Impact Statement (FEIS) between 2003 and 2006, and to obtain the necessary permits from the US Army Corps of Engineers (USACE) in 2007 for building a new Port terminal at the south end of the old Naval Base in North Charleston, Charleston County, South Carolina, and directly connect the new Port terminal to Interstate 26 (I-26) with a new Port Access Roadway and an interchange.

The new Port terminal will be built on approximately 240 acres of land, just south of the SCSPA's Veterans Terminal (VT) and north of the Cooper River Marina on the west bank of the Cooper River. This terminal, referred to as the Charleston Naval Complex (CNC) terminal in the FEIS, was projected to have an annual throughput capacity of 1.4 million twenty-foot equivalent units (TEU) of container cargo by design year and 0.62 million TEUs of container cargo capacity at the year of opening. During the FEIS, the design year was assumed to be year 2025 and the year of opening was assumed to be year 2012. The new terminal will be built and operated by the SCSPA.

The 2006 FEIS included the planning and engineering work for an access road to the new terminal, which was prepared as part of the Access Road Feasibility Study (ARFS). The ARFS selected a Locally Preferred Alternative (LPA) for the Port Access Road and an interchange with I-26 based on detailed alternatives analysis and environmental impact assessment. This LPA is referred to as the Port Access Road - Alternative 1D in the FEIS. This Alternative 1D is depicted in Figure 1-4.

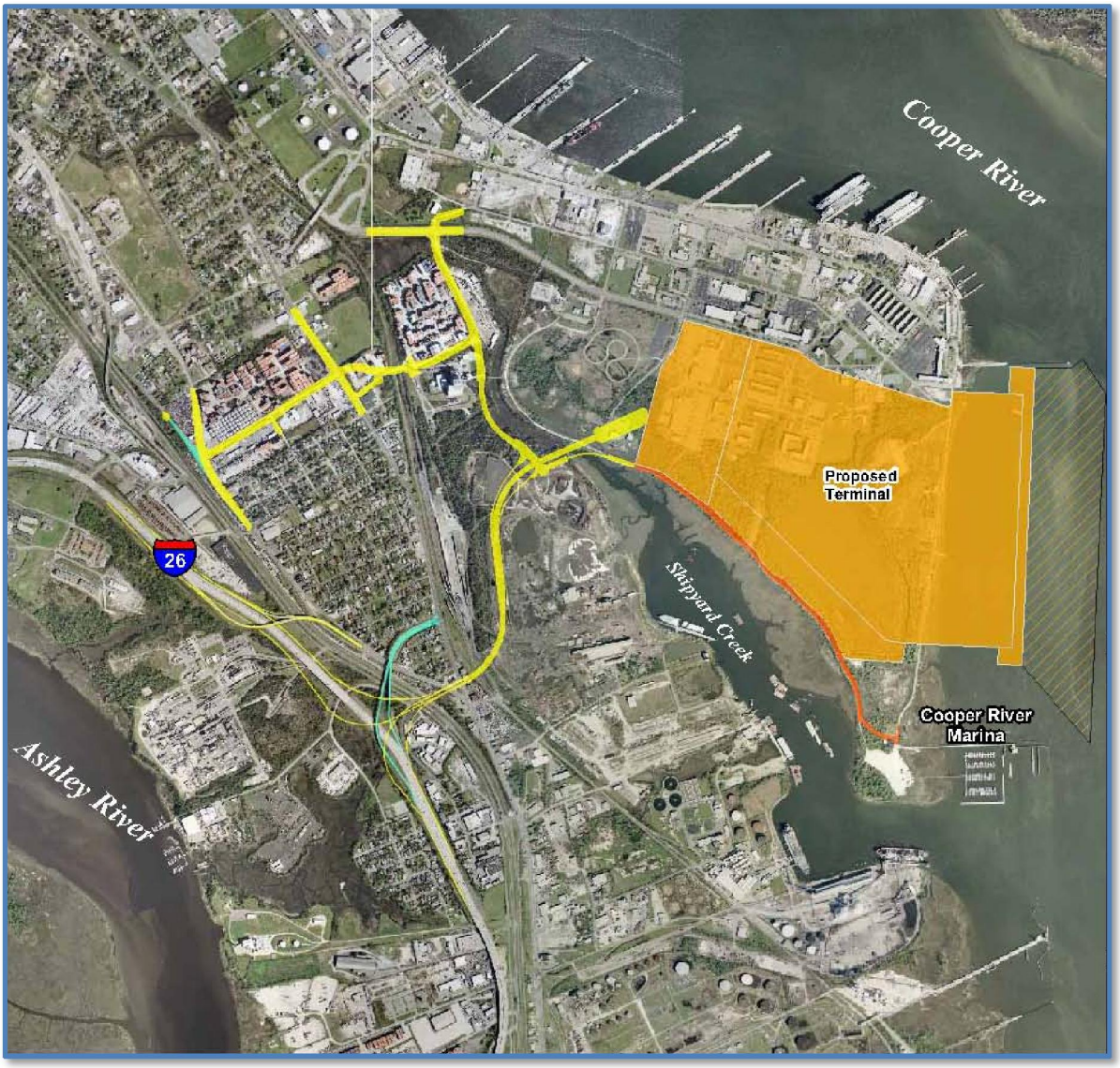
The Alternative 1D starts with a new full-movement directional T-interchange with I-26 in between the Meeting Street (Exit 217) and Spruill Avenue (Exit 218) ramps. It then extends eastward on elevated structures towards the new Port terminal site as a four-lane 50 miles per hour design speed highway. It overpasses several railroad tracks and north-south arterials, and provides a local access connection to Spruill Avenue. The Port Access Road ends at the front gate of the new Port terminal. The Port Access Road and the interchange will be built and maintained by the SCDOT.

This new Port terminal and the new Port Access Road are considered cumulatively as the "Project" within the context of the current Interchange Modification Report (IMR) study. The traffic volume and related road network changes due to the "Project" are referred to as the "Build" conditions in this IMR study. The future traffic conditions without the "Project" traffic are referred to as the "No-Build" conditions.

Currently, the new Port terminal is referred to as the Naval Base Terminal (NBT). It is currently projected to open in year 2018 with a throughput capacity of 0.74 million TEUs, and reach the maximum capacity of 1.4 million TEUs of container cargo by the new design year 2035. This reflects a change in the implementation phasing plan for the new terminal compared to what was envisioned during the FEIS, but the ultimate throughput capacity remained the same as

analyzed in the FEIS. Consequently, the "Project" related traffic volumes for the current Interchange Modification Report (IMR) study remained the same as in the 2006 Port EIS study.

FIGURE 1-4 PORT EIS PREFERRED ALTERNATIVE



PROJECT PURPOSE AND NEED

The global marine ports and services market was estimated to have a volume of 6.4 billion metric tonnes of cargo, generating a total market value of $45 trillion in 2009[1]. This global market is projected to increase to 8.1 billion metric tonnes of cargo by year 2014, for a total market value of $63.5 trillion. The Asia-Pacific region dominates this market with 52 percent of the market share, followed by Europe which accounts for 22 percent, and the Americas region which accounts for 18 percent. The market segmentation by commodity category is more or less a three-way split, with liquid bulk cargo accounting for 37 percent, dry bulk cargo accounting for 32 percent, and container and general cargo accounting for 31 percent of the market share. The effects of this global trend translate into growth in container cargo movements between the Asia-Pacific region and the South Carolina's Port of Charleston.

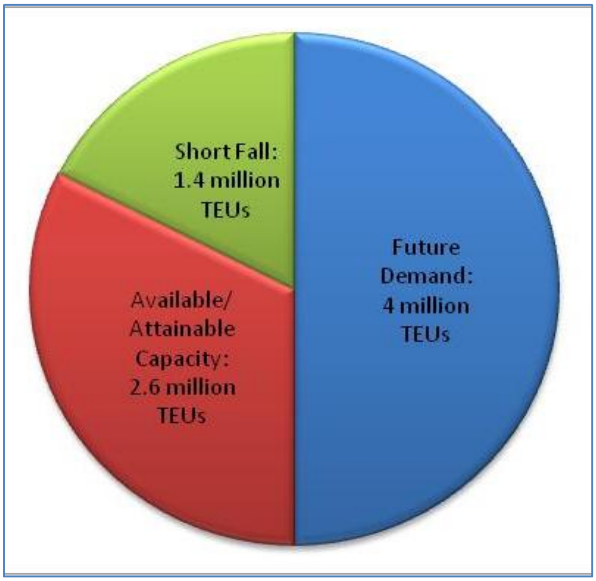
The Port of Charleston was ranked as the eighth largest port district in the United States based on the value of the goods handled, which was over $50 billion total for the import and export cargo in 2010[2]. It is considered a pillar of the regional and state economy. The SCSPA data showed that container cargo volumes through the Port of Charleston have grown at approximately six percent per year between 1998 and 2003. This level of high growth was attributed to the Port of Charleston's cost-competitive location, good highway and railroad accessibility, good navigation channels, proximity to the Atlanta and Charlotte markets, and the overall name recognition of the Charleston location. The projections prepared during the FEIS show that container cargo volume through the Port of Charleston is projected to grow from 1.65 million TEUs in 2004 to 4 million TEUs in 2025. This represented an annual growth rate of approximately four percent.

When this projected demand of 4 million TEUs is compared to the available/attainable maximum terminal capacity of 2.6 million TEUs of annual throughput for the Port of Charleston's three container terminals -- Columbus Street Terminal, North Charleston Terminal, and Wando Welch Terminal, it was determined that there is a capacity shortfall of 1.4 million TEUs, as depicted in Figure 1-5. The new Naval Base Terminal (NBT) is expected to fill this capacity shortfall.

The NBT will provide approximately 200 acres of active container marshalling area with 11,300 container slots, and implement an advanced stacking equipment system to yield 70 containers per slot. This design will ensure that the NBT can accommodate 791,000 containers or 1.4 million TEUs per year once fully built-out.

[1] Global Marine Ports & Services Industry Profile, DataMonitor, April 2010
[2] U.S. Census Bureau, Trade Data Branch Report, 2010.

FIGURE 1-5 PORT OF CHARLESTON CONTAINER CARGO: DEMAND VS. CAPACITY



In addition to the capacity needs, the NBT also fulfills several legislative policy commitments that mandated reusing and revitalizing the Charleston Naval Base area in a way that supports the local and regional economy and the land use vision for the surrounding area. The cost to develop the NBT and the Port Access Road is projected to be almost one billion dollars. This is a significant investment for the region. It will serve as a catalyst for increase in container cargo, and new jobs on the terminal site, at distribution centers, at trucking companies, and other maritime support services within the region. The development of the NBT is projected to result in 1,895 construction jobs and $72 million in wages per year that would generate $20 million per year in state and local tax revenues during the construction period. In addition, the operation of the proposed port facility would result in 1,790 full time equivalent jobs and $66 million in wages per year that would generate $13 million in state and local tax revenues per year.

The purpose of the Port Access Road is to provide a direct connection between the NBT and I-26 with a controlled-access facility and a new interchange that can serve as the main access roadway for employee and truck traffic to and from I-26. This direct connection eliminates the need for Port traffic to use existing local roads or existing I-26 interchanges that are already congested due to local and regional traffic generated to and from the Charleston region.

The traffic demand is expected to increase in the future, once major industrial projects including the Boeing Plant Expansion, Macalloy Industrial Park and Kinder Morgan Expansion are fully built-out. The Boeing Plant Expansion involves building an assembly plant south of the Charleston International Airport for its newest 787 Dreamliner aircrafts. The new plant is expected to employ 4,000 people when completed. The Macalloy Industrial Park is a superfund clean-up site and planned to include industrial facilities in the future. The Kinder Morgan plant, located along the west bank of the Shipyard Creek, is being expanded to handle 10 million tons of coal imports per year, which represents 286% percent increase from its current operations.

The Port Access Road is expected to improve mobility of the Port-generated traffic and improve traffic safety along local roads by diverting freight traffic away from local streets and away from interchanges at Cosgrove Avenue and Dorchester Road.

PROJECT CONCEPTUAL DESIGN

The conceptual design of the Port Access Road and the interchange with I-26 is shown in Figure 1-6. The detailed functional design plans and profiles of the Preferred Alternative (Alternative 1D in the FEIS) is presented in Appendix A. This preferred design is referred to as the Alternative 1D in the 2006 Ports FEIS. The Port Access Road is a 4-mile highway proposed to be built on a new alignment connecting the container port with I-26 by replacing the partial Spruill Avenue (Exit 218) interchange ramps with a full interchange. In this preferred design, the Meeting Street (Exit 217) ramps will be tied with the Port Access Road ramps with collector-distributor roads. This preferred design best suited the needs of local communities and stakeholders as well as the roadway capacity needs to adequately serve the auto and truck traffic from the new NBT. The Port Access Road will be built mostly on elevated structures in order to overpass the CSX King Street Extension line, Norfolk-Southern line, CSX Five-Mile Track Right-of-Way, Meeting Street, Spruill Avenue, and the CSX Cooper Yard tracks that run north-south and parallel to I-26.

The functional design of the new I-26 interchange includes barrier-separation for certain distance between the on-ramp traffic from the westbound Port Access Road and the westbound I-26 main line traffic in order to have the traffic merge with the Meeting Street on-ramp traffic on the collector facility. This allows a single merge point with westbound I-26 for Port Access Road and Meeting Street on-ramp traffic. Similarly, the interchange design allows for eastbound I-26 traffic to have one exit point, located approximately thousand feet west of the current Exit 217, in order to reach southbound Meeting Street and eastbound Port Access Road.

The existing partial Spruill Avenue interchange (Exit 218) that only serves traffic movements to and from Charleston will need to be demolished to accommodate the new full-movement Port Access Road interchange. To accommodate the traffic movements from the eliminated Spruill Avenue ramps, the new Port Access Road design provides a new half-diamond interchange just north of the future Macalloy Industrial Park site with a new Local Access Road connecting to the north with Spruill Avenue at Stromboli Avenue and with Bainbridge Avenue just south of Viaduct Road. The Local Access Road will also have a connection to the south to Tidewater Road to provide an employee-only entrance for the NBT and access to and from the Cooper River Marina. This half-diamond interchange will also provide access to the future Macalloy Industrial Park.

These proposed modifications to the I-26 facility triggered the need to prepare an Interchange Modification Report (IMR) to address eight policy points adopted by the Federal Highway Administration (FHWA). The FHWA has adopted eight standards or requirements that require analysis and evaluation as part of requesting for access point changes to the current interstate system.

FIGURE 1-6 CONCEPTUAL DESIGN OF THE PREFERRED ALTERNATIVE



INTERCHANGE MODIFICATION REPORT (IMR) SCOPE

Because the proposed project involved modifications to the Interstate System, an IMR is needed to obtain approval from the Federal Highway Administration (FHWA). The IMR is required to document the operational and safety impacts to the Interstate System due to the proposed access modifications.

In order to prepare and submit an IMR as per the FHWA policies, the following updates and changes were necessary to the 2006 FEIS traffic analysis:

- Update the background traffic conditions from FEIS' data (2003-2005) to available latest data (2009-2011) within the project influence area
- Revise the traffic forecasts for the project influence area by utilizing the latest available travel demand model from the Berkeley Charleston Dorchester Council of Governments (BCDCOG), which included the region's latest 2035 socio-economic forecasts
- Prepare hourly traffic volumes for peak commuting and peak Port operation periods in the morning and afternoon
- Update the traffic impact analysis by utilizing the latest 2010 Highway Capacity Software (HCS) model and the latest CORSIM simulation model
- Update the impacts of the "Project" traffic on the operations of I-26 using Level of Service and other measures of effectiveness (MOE)
- Address the needs and justifications for the new I-26 interchange according to the Federal Highway Administration's (FHWA) interchange policies

IMR APPLICANT INFORMATION

The interchange policy is administered by the Federal Highway Administration (FHWA). Therefore, FHWA is required to approve all new access or changes in access points pursuant to this policy.

As the owner and operator of the Interstate System, the South Carolina Department of Transportation (SCDOT) is responsible for submitting a formal request to the FHWA in the form of an Interchange Modification Report (IMR) that documents the analysis, the rationale for the proposed change in access, and the recommended action.

SCDOT on behalf of the SCSPA is the sponsoring agency for the I-26 access modification request. SCDOT has prepared the Interchange Modification Report for the I-26 / Naval Base Terminal Access Road interchange with a step-wise review and coordination process. The step-wise process involved several coordination meetings with the following agencies for guidance on methodology, existing conditions data, and review of performance measures:

- SCDOT's Traffic Engineering Division
- FHWA's South Carolina Division Office (Engineering & Operations)
- SCDOT's Planning & Environmental Division
- SCDOT's Engineering District 6

Once the IMR is accepted and approved by the FHWA, SCDOT will be the agency responsible for updating the Environmental Assessment document and then implementing the Port Access Road and the I-26 interchange improvements.

The contact information for the I-26 IMR study is provided in Table 1-1.

TABLE 1-1 IMR APPLICANT INFORMATION

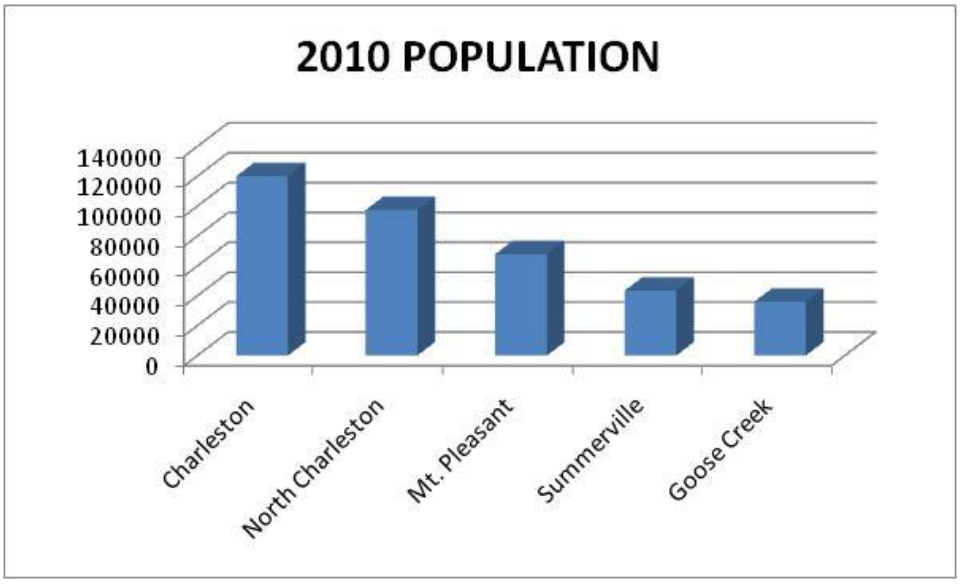
I-26 / Naval Base Terminal Access Road Interchange	Contact Information
Applicant	Joe Bryant South Carolina State Sports Authority 176 Concord Street Charleston, SC 29401 (843) 856-7048 JBryant@SCSPA.com
Sponsor	David A. Kinard, P.E. Program Manager South Carolina Department of Transportation 955 Park Street, Room 401 Columbia, South Carolina 29202 (803) 737-1963 (Columbia) (843) 873-5763 (Summerville) KinardDA@scdot.org

2. STUDY AREA

DEMOGRAPHICS

The project is located in the greater Charleston metropolitan area and is part of the Charleston Area Transportation Study (CHATS) region that includes three counties – Berkeley, Charleston, and Dorchester (BCD) with a total population of 549,000 in 2000. The CHATS region's population grew to 664,607 people in 2010, or 21 percent in 10 years. In year 2010, approximately 53 percent of this population lived in Charleston county, 27 percent in Berkeley County, and 21 percent in Dorchester county. As shown in Figure 2-1, the five largest cities or towns in this region are: Charleston, North Charleston, Mt. Pleasant, Summerville, and Goose Creek. This BCD region is projected to attract an additional 100,000 people by year 2035. The region's projected growth is attributable to the rich history and culture that defines the quality of life in the Lowcountry and the growing job and business opportunities in the region.

FIGURE 2-1 YEAR 2010 POPULATION



The Charleston region has a diverse economic mix of companies and jobs. The region's economy is driven by a multi-billion dollar tourism industry, one of the busiest container ports along the Southeast and Gulf coasts, a strong manufacturing base, as well as large military and medical establishments. The region's jobs profile counted 330,000 jobs in 2008, or one job per two people. The region's jobs forecast improved when the Boeing Company announced in 2009 to build their second 787 Dreamliner assembly plant in North Charleston. The region is currently expected to add 84,000 jobs by year 2035.

LAND USE

As depicted in Figure 2-2, the study area is predominantly flat plains bounded by water, Ashley River to the west and Cooper River to the East, and pockets of marsh land. These two tidal rivers join together in Charleston to form Charleston Harbor before discharging into the Atlantic Ocean.

FIGURE 2-2 AERIAL VIEW OF THE STUDY AREA (LOOKING SOUTHEAST)



As depicted in Figure 2-3, the existing land uses within the study area are predominantly industrial and institutional, intermixed with pockets of residential, commercial and mixed uses. Development of the site as a marine container terminal will change the site land use to industrial use. Development of the Proposed Project may be reasonably expected to spur ancillary commercial and industrial development within the region. Maritime support industries are likely to locate within the Port Overlay District that was established by the City of North Charleston.

The region's Population projections are depicted in Figure 2-4 and Employment projections are depicted in Figure 2-5, in terms of bar charts (2035 vs. 2008) by Traffic Analysis Zones (TAZ)[3].

The proposed access roadway would cause minor adverse impacts to existing industrial and commercial land uses. Property owned and operated by several industries and businesses would need to be acquired to construct the proposed port access roadway and a new interchange on Interstate 26. The Proposed Project would likely have some beneficial impacts to land uses along Meeting Street, Spruill Avenue, and Stromboli Avenue as they would likely become more commercial in nature. Vacation of Meeting Street at the intersection with Carner Avenue could open area to expand existing businesses or could create land area for higher density land uses.

[3] Source: BCDCOG Travel Demand Model (Dec 2010 Version).

The access roadway was designed to avoid direct impacts to existing residential land use, and as a result of the Proposed Project would not take any residential land. The removal of Exit 218 would potentially be a beneficial land use impact by creating open space. This space could be used for housing or to create an open area for residents. The eastbound interchange ramps of the proposed access roadway would have a minor adverse impact to Rosemont Field, but it would not prevent the intended use of this land.

FIGURE 2-3 EXISTING LAND USES IN THE STUDY AREA

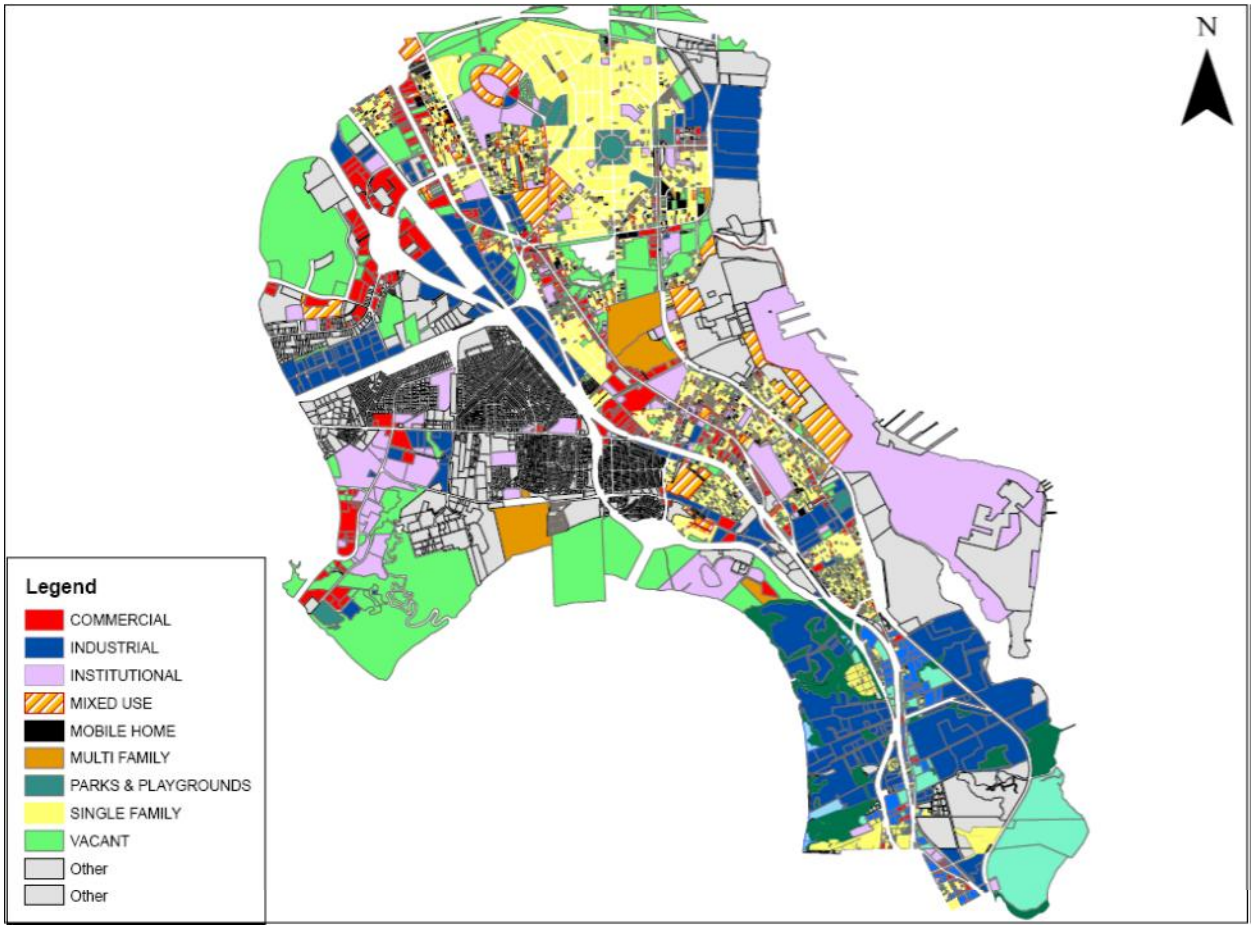
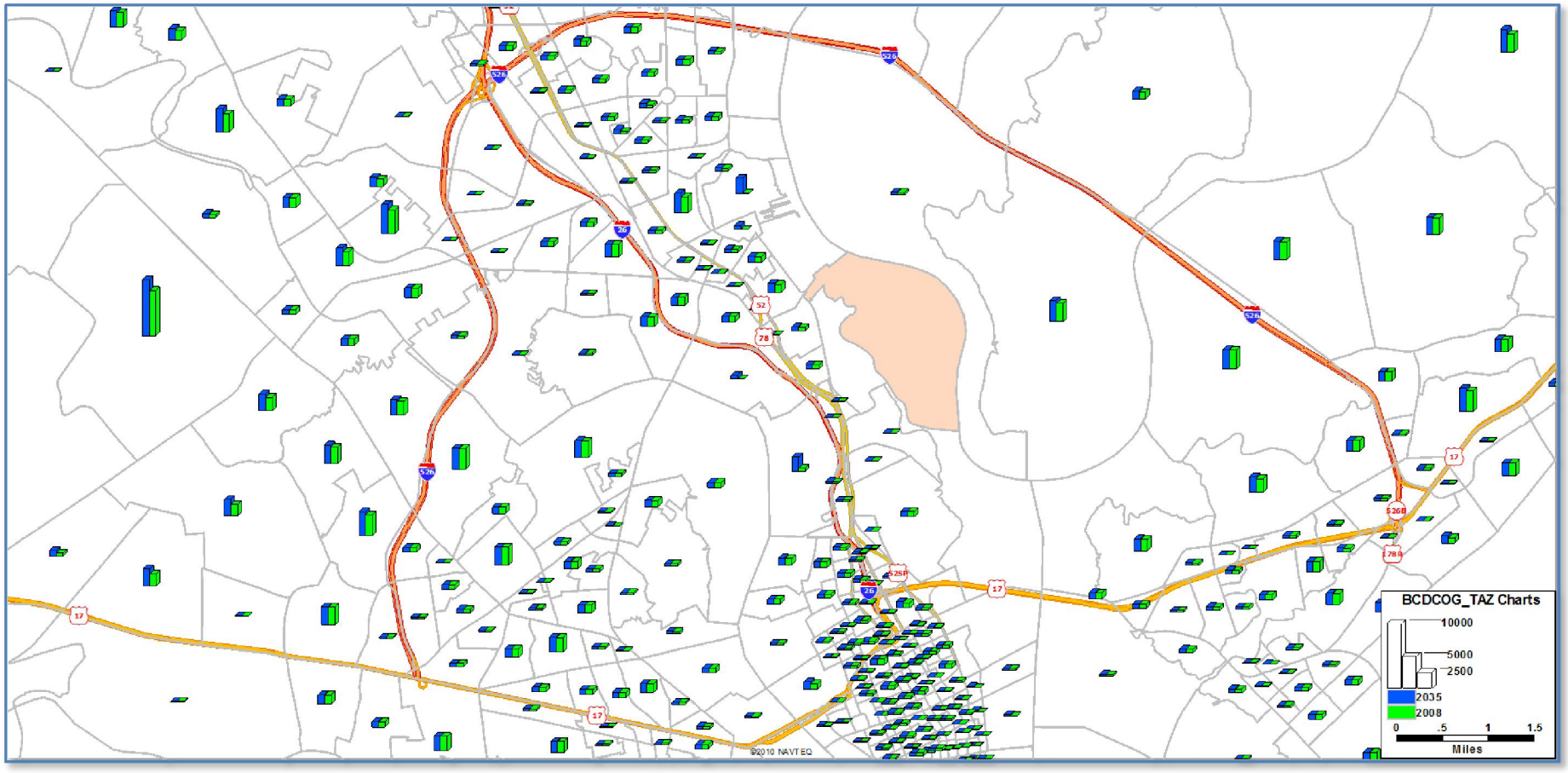
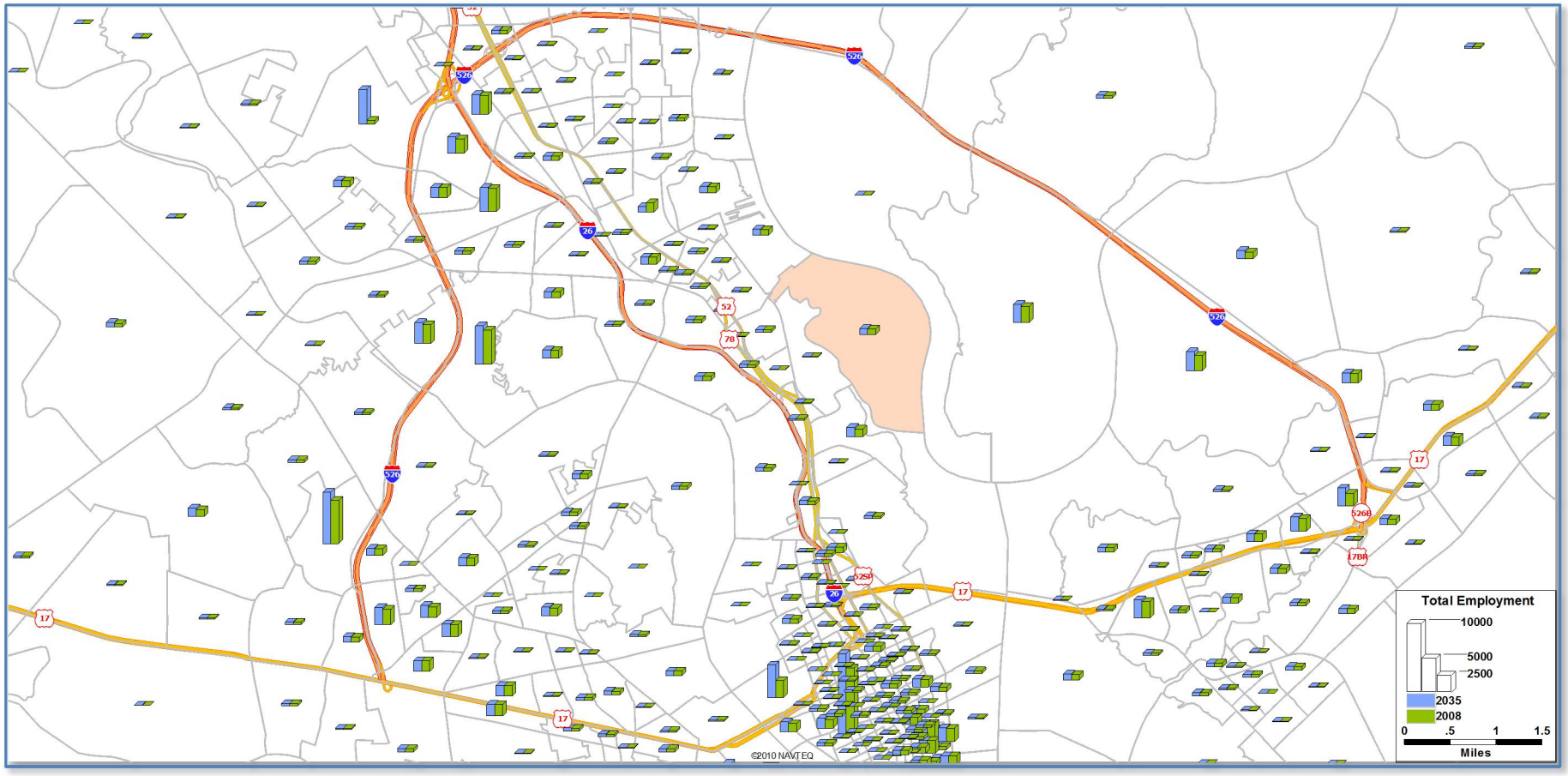


FIGURE 2-4 POPULATION GROWTH IN THE STUDY AREA



Data Source: BCDCOG Travel Demand Model (Dec 2010 version)

FIGURE 2-5 EMPLOYMENT GROWTH IN THE STUDY AREA



Data Source: BCDCOG Travel Demand Model (Dec 2010 version)

TRANSPORTATION SYSTEM

The project study area roadway transportation system is depicted in Figure 2-6. The Charleston region is accessed via I-26, which is an east-west freeway (but physically more northwest-southeast) connecting to I-95 corridor and Columbia to the west. The region is also served by a loop freeway – I-526 (Mark Clark Expressway) connecting Mt. Pleasant to the east and West Ashley to the west.

For the IMR study, a focused roadway system was evaluated. It consisted of I-26 mainline and the interchanges within the vicinity of the Port Access Road interchange. Specifically, I-26 eastbound and westbound mainline segments between Mt. Pleasant Street and Montague Avenue were evaluated for traffic conditions during different hours of the day. In addition, six existing interchanges from Mt. Pleasant St in Charleston to Dorchester Road in North Charleston and the proposed new interchange with Port Access Road were evaluated.

It should be noted that this IMR study area is a subset of the broader study area that was analyzed during the Ports EIS study in terms of geographic and modal coverage. The Ports EIS study evaluated the impacts of the Naval Base Terminal on other land uses, communities, and the broader highway and railroad networks in the study area. The focus of the IMR study is on the I-26 Interstate highway corridor. The additional focus is on Interstate traffic operations. Consequently, three additional time of day analyses were prepared for the IMR study beyond the typical PM peak hour that was considered during the Port EIS study. This additional time of day analysis allowed evaluation of I-26 traffic operational conditions during commuter peak as well as Port peak hours. The focused geographic scale of the IMR study area allowed evaluation of the I-26 mainline operations where it is expected to have the most direct and measurable impact from the Port-generated traffic volumes.

I-26

I-26 is a 6-lane urban freeway (between Mt. Pleasant Street and Montague Avenue) with concrete median barrier separating the eastbound and westbound lanes (see picture below). There are six interchanges in the IMR study area:



1. Dorchester Road (SC 642) Interchange (Exit 215) in North Charleston
2. Cosgrove Avenue (SC 7) Interchange (Exits 216A and 216B) in North Charleston
3. North Meeting Street (US 52) Interchange (Exit 217) in Charleston
4. Spruill Avenue Interchange (Exit 218) in Charleston
5. Rutledge Avenue/ Heriot Street Interchange (Exit 219A) in Charleston

6. Mt. Pleasant Street/ Morrison Drive/ East Bay Street Interchange (Exit 219B) in Charleston

The interchange with Dorchester Road is a full-movement interchange in tight urban diamond configuration with signalized operations at the ramp junctions. The Dorchester Road interchange serves both local and regional traffic in North Charleston.



The interchange with Cosgrove Avenue (see picture) is a full clover interchange serving traffic to and from communities west of the Ashley River along Sam Rittenberg Boulevard (SC 7).

The interchange with Meeting Street is a partial interchange allowing eastbound exit and westbound entrance movements and serving industrial traffic along Meeting Street.



The interchange with Spruill Avenue (see picture) is also a partial interchange allowing eastbound entrance and westbound exit movements and serving federal complex and local residential communities in North Charleston including Rosemont and Union Heights.

The interchange with Rutledge Avenue (at Heriot Street) allows eastbound exit and westbound entrance movements and serves The Citadel College and the Hampton Park area, located southwest of the interchange area.

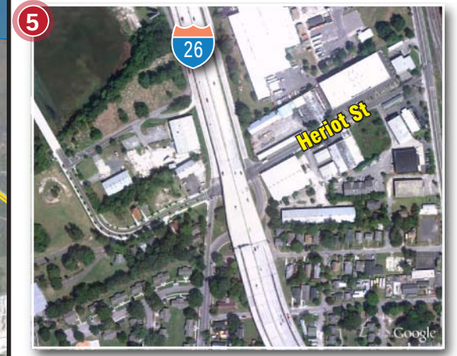
The interchange with Mt. Pleasant Street allows eastbound exit and westbound entrance movements, and serves Charleston commercial traffic via Meeting Street, Morrison Drive and East Bay Street.



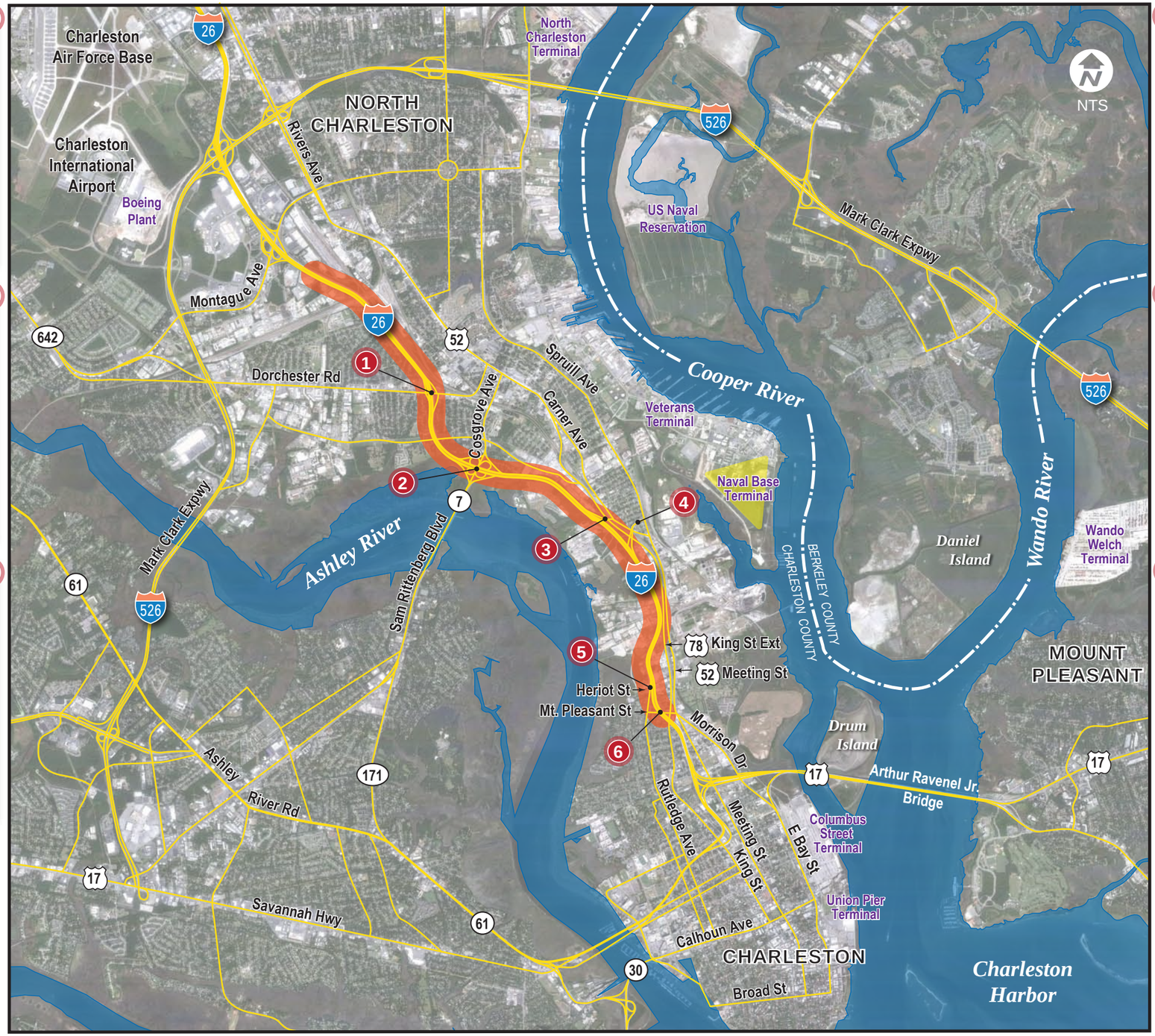












LEGEND

- I-26 Corridor Study Area
- 1 Study Interchanges
- Roadway Network

Interchange Modification Report
Naval Base Terminal Access Road
Port of Charleston, South Carolina

PB 125 YEARS

STUDY AREA TRANSPORTATION SYSTEM

Figure 2-6

3. METHODOLOGY

This section summarize the approach and methodology utilized in updating traffic forecasts for the study area freeway and interchanges, revised Level of Service (LOS) analysis, and traffic simulation analysis.

This section also describes the methodological changes made in the current IMR study as compared to the methodology utilized in the prior Port EIS study.

SCENARIOS ANALYZED

PORT EIS STUDY

In 2006, Parsons Brinckerhoff (PB) prepared traffic impact analysis to support the preparation of the Final Environmental Impact Statement (FEIS) for the Naval Base Terminal. This FEIS traffic analysis included the following two scenarios:

- FEIS No-Build Scenario – This scenario reflected future year (2025) projected background traffic conditions during the PM peak hour, defined as the highest hourly traffic volume along study area freeways and arterials between 4-6 pm. The No-Build scenario did not include any traffic or committed roadway improvements related to the Naval Base Terminal. This is equivalent to trend-line growth in background PM peak hour commuter traffic.
- FEIS Build "Worst Case" Scenario – This scenario reflected future year (2025) projected traffic conditions during the same afternoon peak hour between 4-6 pm, but considered the addition of the NBT's build-out traffic and the changes in trip pattern due to the Port Access Road. This scenario is equivalent to "worst case" PM peak hour traffic condition because it combined the highest hourly commuter traffic with highest hourly Port-generated traffic, regardless of the actual hour of these two different traffic patterns. Although the Ports operations data show that 2-3 pm as the peak hour for Port-generated traffic, the FEIS methodology adopted a "worst case" scenario by combining the two traffic peaks – commuter traffic peak and port traffic peak.

IMR STUDY

In the current IMR study, the No-Build scenario was updated to reflect the latest traffic pattern and growth projections in the area. The Build scenario remained the same as in FEIS with the exception of moving the horizon year to 2035. In both scenarios, however, refinements were made to separate the Commuter peak traffic from the Port peak traffic and to realistically evaluate the traffic conditions along I-26 segments where the Port traffic is going to have the most direct impacts. Consequently, two peak hours during the morning period and two peak hours during the afternoon period for a total of four peak hours were analyzed. These four peak hours, analyzed for both No-Build and Build scenarios, are listed below.

- Commuter AM Peak Hour – Based on review of the hourly traffic data along I-26 north of Dorchester Road for typical weekdays during March through May in 2009, the Commuter AM peak hour was defined as the highest hourly traffic volume along I-26 between 7-8 am. The IMR study evaluated traffic conditions during this Commuter AM Peak Hour for Existing (2009) conditions, Future (2035) No-Build conditions (i.e., without the proposed Naval Base

Terminal and associated road improvements), and Future (2035) Build conditions (i.e., including the traffic from the Naval Base Terminal and the Port Access Road with a new interchange).

- Port AM Peak Hour – Based on review of the Port of Charleston's May 2009 gate movement data, the Port AM peak hour was defined as the highest hourly traffic volume between 9-10 am. The IMR study evaluated traffic conditions during this Port AM Peak Hour for Existing (2009) conditions, Future (2035) No-Build conditions, and Future (2035) Build conditions.
- Port PM Peak Hour – Based on review of the Port of Charleston's May 2009 gate movement data, the Port PM peak hour was defined as the highest hourly traffic volume between 2-3 pm. The IMR study evaluated traffic conditions during this Port PM Peak Hour for Existing (2009) conditions, Future (2035) No-Build conditions, and Future (2035) Build conditions.
- Commuter PM Peak Hour – Based on review of the hourly traffic data along I-26 north of Dorchester Road for typical weekdays during March through May in 2009, the Commuter PM peak hour was defined as the highest hourly traffic volume along I-26 between 4-6 pm. The IMR study evaluated traffic conditions during this Commuter PM Peak Hour for Existing (2009) conditions, Future (2035) No-Build conditions, and Future (2035) Build conditions.

No-Build Traffic Forecasts

Port EIS Study

The No-Build traffic during the Port EIS study was defined as the year 2025 background traffic without the Port's Naval Base Terminal (NBT) traffic. The 2025 No-Build traffic forecasting process during the Port EIS study involved estimating peak hour growth rates for different study area freeways and arterials. The growth rate for background traffic along I-26 was estimated using the following three steps:

1. Review the observed ADT traffic trends between 2000 and 2003 for ten I-26 segments from Mt. Pleasant Street to US 52 Connector Road.
2. Estimate an annual average traffic growth rate for the I-26 corridor between Mt. Pleasant Street and US 52 Connector Road for daily and PM peak hour conditions.
3. Check reasonableness of the traffic growth rates against the projected household and employment growth rates along the corridor that showed high growth rates in the Noisette and Magnolia project areas.

This count-based 2025 No-Build growth rate estimation process resulted in PM peak hour traffic growth rate by study area roadway corridors. For the I-26 corridor, a uniform growth rate of 1.17 percent per year was estimated for peak hour mainline and ramp traffic. This count-based No-Build growth forecasting approach was necessary because the BCDCOG travel demand model was going through an update and re-validation cycle in September of 2004. Consequently, the BCDCOG travel demand model could not be directly applied for 2025 No-Build traffic forecasting during the Port EIS study.

IMR Study

The No-Build traffic for the current IMR study was defined as the year 2035 background traffic without the Port's Naval Base Terminal (NBT) traffic. The 2035 No-Build traffic forecasting process involved applying the BCDCOG's latest travel demand model (December 2010 version)

within a focused study area along I-26 from Mt. Pleasant Street to Dorchester Road. This BCDCOG model-based No-Build forecasting approach was deemed a refinement compared to the Port EIS' count-based approach because it is forward-looking and it yields more realistic projections. The model-based approach takes into account segment- and interchange-specific variable growth pattern along I-26 as opposed to a uniform growth pattern for the whole I-26 corridor (mainline and ramps). The growth rate applied during the Port EIS study is representative of a longer I-26 corridor between Mt. Pleasant Street to US 52 Connector Road that includes the Ashley Phosphate junction, a high growth area. In contrast, the traffic growth estimated in the IMR study represents a shorter I-26 corridor from Mt. Pleasant Street to Dorchester Road that serves built-out areas.

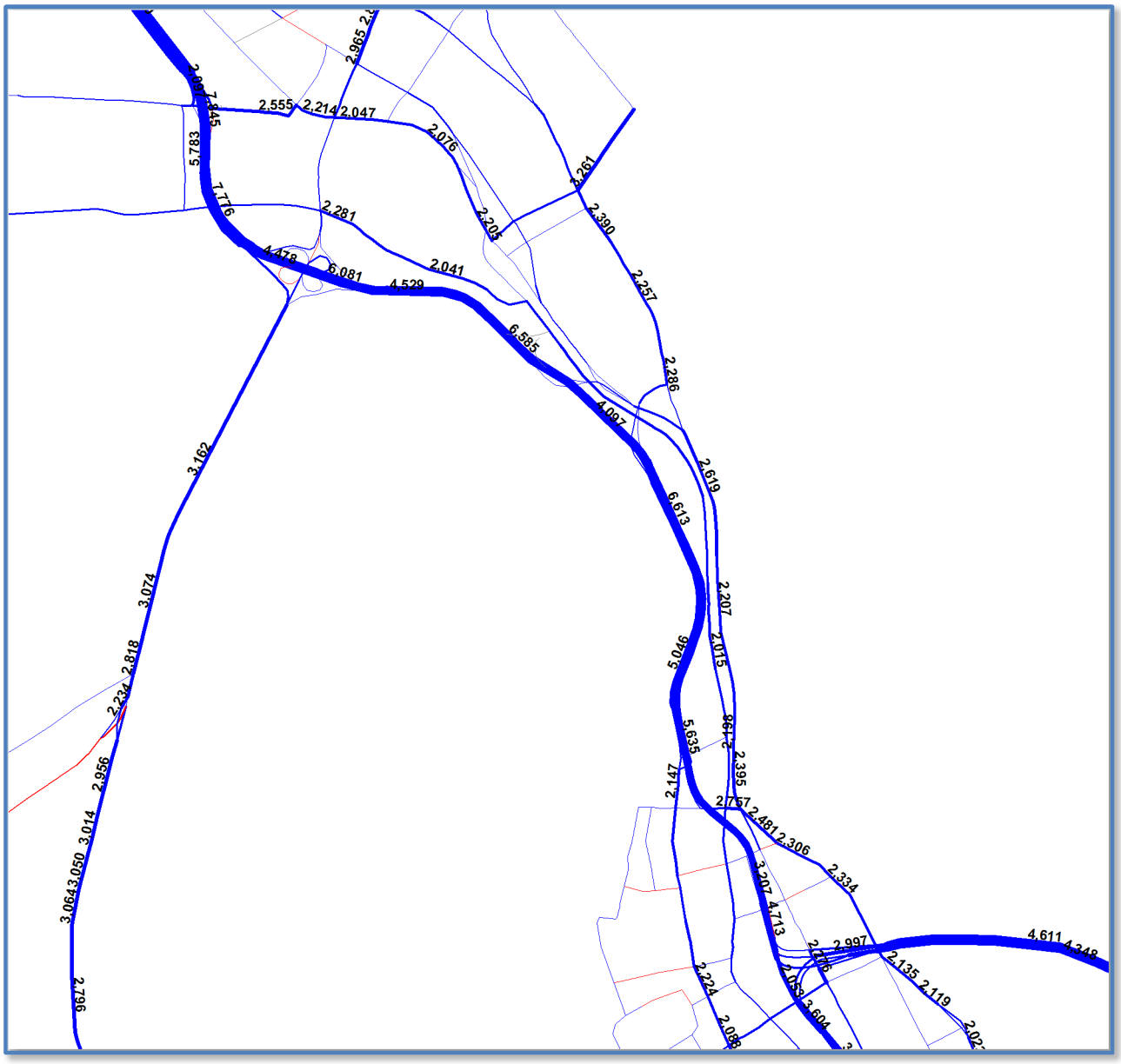
The BCDCOG travel demand model (December 2010 version) had been validated to 2008 traffic conditions. This BCDCOG model includes updated 2035 growth forecasts in the region. The updated 2035 land use forecasts from the BCDCOG model show reduced growth for the North Charleston's Magnolia and Noisette projects compared to the growth projections prepared previously for year 2025. In addition, the updated 2035 land use forecasts show the proposed Ingleside project, a large-scale new development in North Charleston located along I-26 north of the US 52 Connector Road, which is likely to influence the future trip distribution pattern in the region compared to what has been observed in the past.

The traffic forecasting process for determining future year 2035 No-Build or background traffic along I-26 involved the following four steps:

1. Run the BCDCOG travel demand model for 2035 daily conditions without the Navy Base Terminal project and without the Port Access Road and associated interchange modifications.
2. Compute the daily growth in trips between year 2035 and year 2008 model runs for each I-26 mainline segment and ramp within the study area (see Figure 3-1 for projected growth in daily traffic volume based on differences between 2008 Model Volumes and 2035 Model Volumes).
3. Add daily growth in trips from the model to 2009 Average Weekday Traffic (AWDT) counts for each mainline segment and ramp to obtain 2035 No-Build daily mainline and ramp volumes.
4. Estimate 2035 No-Build hourly volumes for four peak hours by applying a set of peaking coefficients derived from the 2009 base year counts.

This model-based No-Build forecasting process resulted in different traffic growth rates depending on the direction of travel (i.e., westbound versus eastbound), location of segment, and facility type (i.e., mainline, on-ramp, and off-ramp). Overall, the resulting I-26 growth rates varied from 0.5 to 0.8 percent per year for I-26 mainline segments, and from 0.4 to 1.2 percent per year for I-26 ramps between Mt. Pleasant Street to Dorchester Road. These lower background traffic growth rates for the I-26 corridor south of Dorchester Road were deemed reasonable given the revised scaled-down forecasts for the Magnolia and Noisette projects, expected traffic shifts towards Summerville and Goose Creek areas, and the general built-out land uses in downtown Charleston and the North Charleston areas.

FIGURE 3-1 PROJECTED GROWTH IN DAILY TRAFFIC VOLUMES



Data Source: BCDCOG Travel Demand Model (Dec 2010 version)

BUILD TRAFFIC FORECASTS

PORT EIS STUDY

The Build traffic during the Port EIS study was defined as the year 2025 total traffic including the Port's Naval Base Terminal (NBT) traffic. The 2025 Build traffic forecasting process involved estimating daily and PM peak hour traffic volumes for the NBT that is anticipated to have a build-out throughput capacity of 1.4 million TEUs, and adding the NBT traffic to the 2025 No-Build traffic volumes. The trip generation rate for the NBT was estimated at 780 vehicle trips per day per 100,000 TEUs, of which 63 percent were truck trips. This trip rate was developed based on a prior study[4].

IMR STUDY

The Build traffic for the current IMR study was defined as the year 2035 total traffic including the Port's Naval Base Terminal (NBT) traffic. The 2035 Build traffic forecasting process involved estimating daily and four peak hour traffic volumes for the NBT that is anticipated to have a build-out throughput capacity of 1.4 million TEUs, and adding the NBT traffic to the 2035 No-Build traffic volumes. The trip generation rate for the NBT was estimated at 780 vehicle trips per day per 100,000 TEUs, of which 63 percent were truck trips. This trip rate was the same as used in the prior Port EIS study.

[4] Terminal Traffic projections for the Port of Charleston, September 2002, Prepared by the South Carolina State Ports Authority.

TRAFFIC ANALYSIS

PORT EIS STUDY

The traffic analysis during the Port EIS study utilized the HCS+ (Version 5.1) model and the CORSIM micro-simulation model (TSIS-CORSIM Version 5.1) for analyzing the operations of I-26 with and without the Port project traffic. The operational parameters utilized in the HCS+ model are summarized in Table 3-1.

TABLE 3-1 HCS MODELING ASSUMPTIONS IN THE PORT EIS STUDY

HCS Model Parameter	Value	Comments
Peak Hour Factor	0.90 for I-26 and Ramps	Assumed for "worst case" analysis
Trucks and Buses	8 % for I-26 2% for Ramps	Assumed for "worst case" analysis
Recreational Vehicles	1%	Assumed for "worst case" analysis
Terrain Type	2 % Up Grade	Assumed for "worst-case" analysis
Free Flow Speed	57.9 mph for I-26 35 mph for Ramps	Calculated for "worst case" analysis

The detailed LOS criteria used in the HCS model is presented in Table 3-2 for different types of freeway segments (i.e., Basic, Weaving and Ramp Merge/Diverge).

TABLE 3-2 LEVEL OF SERVICE DEFINITION FOR FREEWAY SEGMENTS BASED ON HCM 2000

LOS	Basic Freeway Segment Density (pc/mi/ln)	Weaving Segment Density (pc/mi/ln)	Merge/Diverge Area Density (pc/mi/ln)
A	<= 11	<= 10	<= 10
B	> 11-18	> 10-20	> 10-20
C	> 18- 26	> 20- 28	> 20- 28
D	> 26-35	> 28-35	> 28-35
E	> 35-45	> 35-43	> 35
F	> 45	> 43	Demand exceeds capacity

Source: Highway Capacity Manual 2000

IMR Study

The traffic analysis for IMR study utilized the HCS 2010 (Version 6.1) model and the CORSIM micro-simulation model (TSIS-CORSIM Version 6.2) for analyzing the operations of I-26 with and without the Port project traffic. The modeling assumptions were revised in the IMR study based on field observations in 2010. These assumptions are documented in Table 3-3.

Table 3-3 HCS Modeling Assumptions in the IMR Study

HCS Model Parameter	Value	Comments
Peak Hour Factor	0.92	Typical value for urban area
Trucks & Buses	Commuter AM Peak: 4% Port AM Peak: 7% Port PM Peak: 7% Commuter PM Peak: 4%	Observed in 2010 for Background Traffic along I-26
Recreational Vehicles	0 %	Observed in 2010 for Background Traffic along I-26
Terrain Type	Level	Existing Condition
Free Flow Speed	65 mph for I-26 35 mph for Ramps	Measured based on Travel Time Runs in 2010

The detailed LOS criteria used in the HCS model is presented in Table 3-4 for different types of freeway segments (i.e., Basic, Weaving and Ramp Merge/Diverge).

Table 3-4 Level of Service Definition for Freeway Segments Based on HCM 2010

LOS	Basic Freeway Segment Density (pc/mi/ln)	Weaving Segment Density (pc/mi/ln)	Merge/Diverge Area Density (pc/mi/ln)
A	<= 11	<= 10	<= 10
B	> 11-18	> 10-20	> 10-20
C	> 18- 26	> 20- 28	> 20- 28
D	> 26-35	> 28-35	> 28-35
E	> 35-45	> 35-43	> 35
F	> 45	> 43	Demand exceeds capacity

Source: Highway Capacity Manual 2010

4. TRAFFIC VOLUMES

This section presents the updated traffic volumes utilized in preparing the IMR study. The traffic volumes were first prepared for Existing (2009) conditions, and then for Future (2035) No-Build and Build conditions. The updated traffic forecasts for the study area were prepared for daily and four peak hour conditions. The daily traffic volumes are presented for general traffic information along I-26. The four peak hour volumes were utilized in the Level of Service (LOS) and traffic simulation analyses.

EXISTING (2009) TRAFFIC VOLUMES

I-26, south of the Cosgrove Avenue interchange, carried the highest Average Daily Traffic (ADT) of 87,100 vehicles in year 2009 within the IMR study area, of which approximately 8.4 percent traveled during the Commuter AM peak hour (7-8 am) with 63.4 percent directional split in the eastbound direction, or 4,660 vehicles per hour. In comparison, around 6 percent of the ADT traveled during the Port AM peak hour (9-10 am) with 56.2 percent directional split in the eastbound direction, or 2,920 vehicles per hour.

During the Commuter PM peak hour (4-6 pm), the same I-26 location carried 9 percent of ADT with 57 percent, or 4,480 vehicles per hour, traveling in the westbound direction. In comparison, around 6.9 percent of the ADT traveled during the Port PM peak hour (2-3 pm) with 52.5 percent, or 3,150 vehicles per hour, traveling in the westbound direction.

The Existing (2009) traffic volumes are depicted in Figures 4-1, 4-2, and 4-3 by segmenting the study corridor into three parts.

FUTURE NO-BUILD (2035) TRAFFIC VOLUMES

I-26, north of the Cosgrove Avenue interchange, is projected to carry the highest Average Daily Traffic (ADT) of 102,120 vehicles in year 2035 No-Build condition, of which approximately 8.4 percent would travel during the Commuter AM peak hour with 62.6 percent traveling in the eastbound direction, or 5,350 vehicles per hour. In comparison, approximately 6 percent of the ADT would travel during the Port AM peak hour with 55.7 percent traveling in the eastbound direction, or 3,400 vehicles per hour.

During the Commuter PM peak hour, the same I-26 location would carry 9 percent of ADT with 58.2 percent, or 5,380 vehicles per hour, traveling in the westbound direction. In comparison, approximately 7.1 percent of the ADT would travel during the Port PM peak hour with 53.5 percent, or 3,850 vehicles per hour, traveling in the westbound direction.

The Future (2035) No-Build traffic volumes are depicted in Figures 4-4, 4-5, and 4-6.

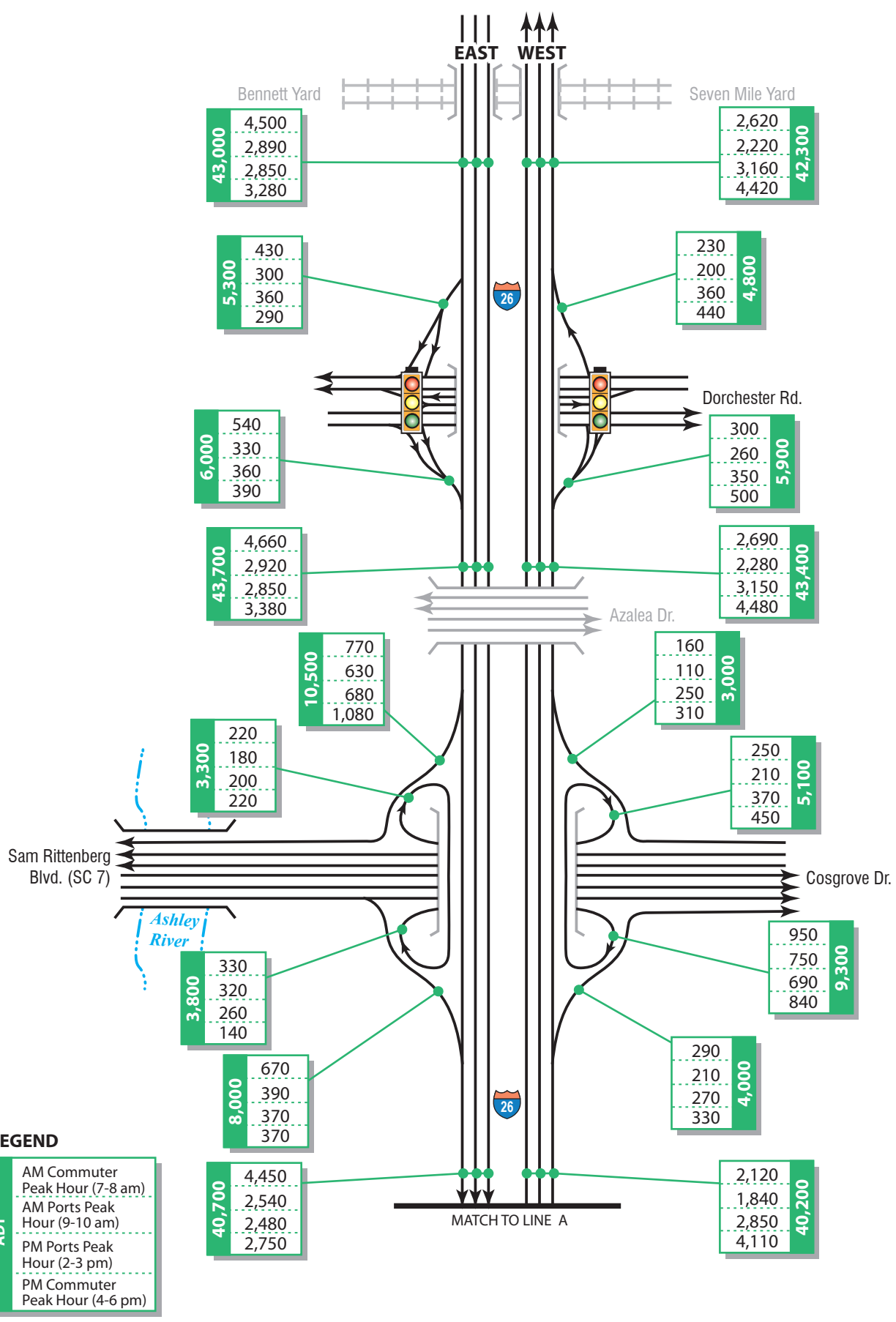
FUTURE BUILD (2035) TRAFFIC VOLUMES

I-26, south of the Cosgrove Avenue interchange, is projected to carry the highest Average Daily Traffic (ADT) of 109,410 vehicles in year 2035 Build condition, of which approximately 8.6 percent would travel during the Commuter AM peak hour with 63.7 percent traveling in the eastbound direction, or 6,000 vehicles per hour. In comparison, approximately 6.2 percent of the

ADT would travel during the Port AM peak hour with 55.1 percent traveling in the eastbound direction, or 3,720 vehicles per hour.

During the Commuter PM peak hour, the same I-26 location would carry approximately 9.1 percent of ADT with 59.3 percent, or 5,870 vehicles per hour, traveling in the westbound direction. In comparison, approximately 7 percent of the ADT would travel during the Port PM peak hour with 53.6 percent, or 4,120 vehicles per hour, traveling in the westbound direction.

The Future (2035) Build traffic volumes are depicted in Figures 4-7, 4-8, and 4-9.



Interchange Modification Report
Naval Base Terminal Access Road
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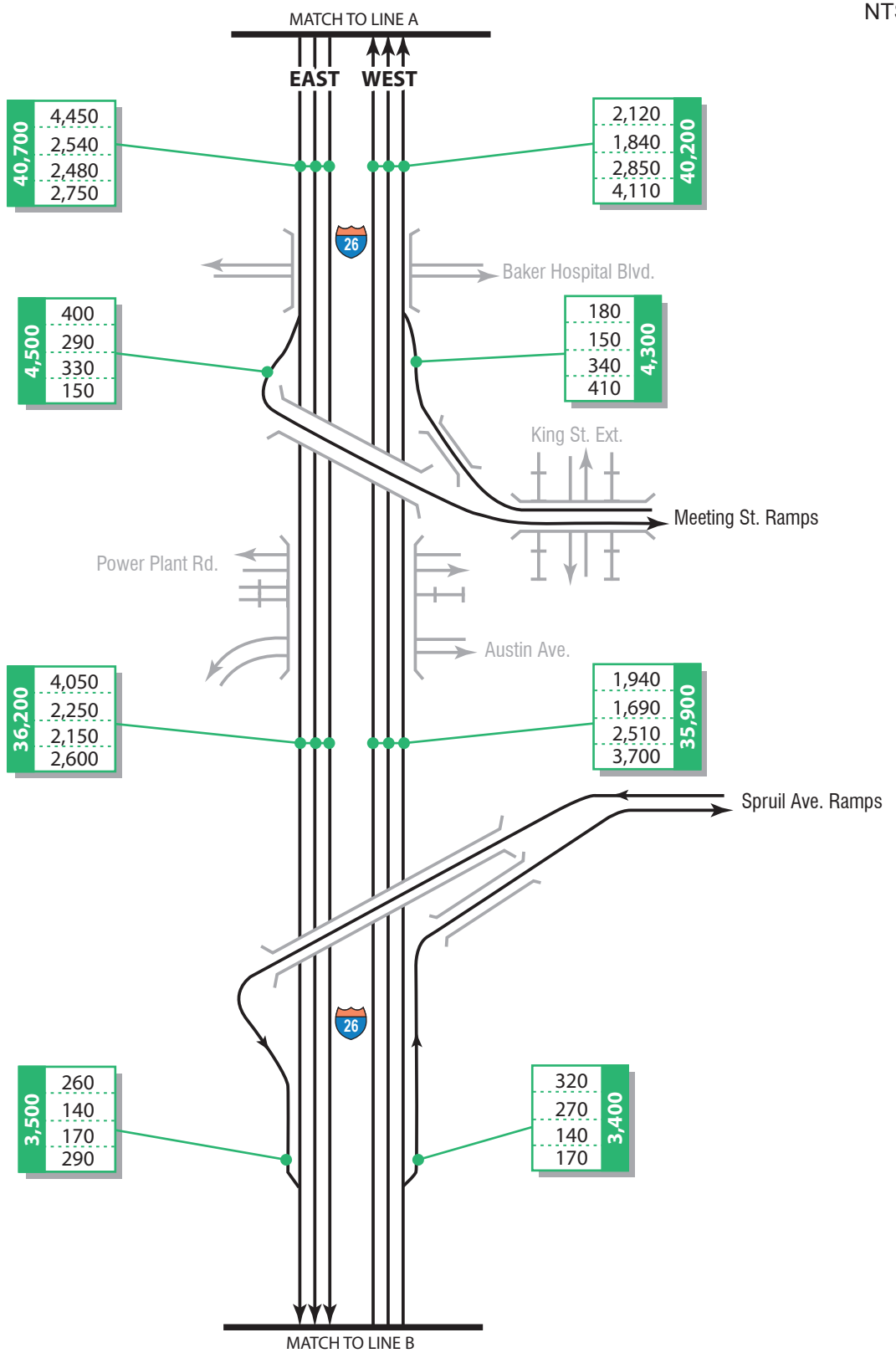
EXISTING CONDITIONS (2009) TRAFFIC VOLUMES – PART 1

Figure 4-1

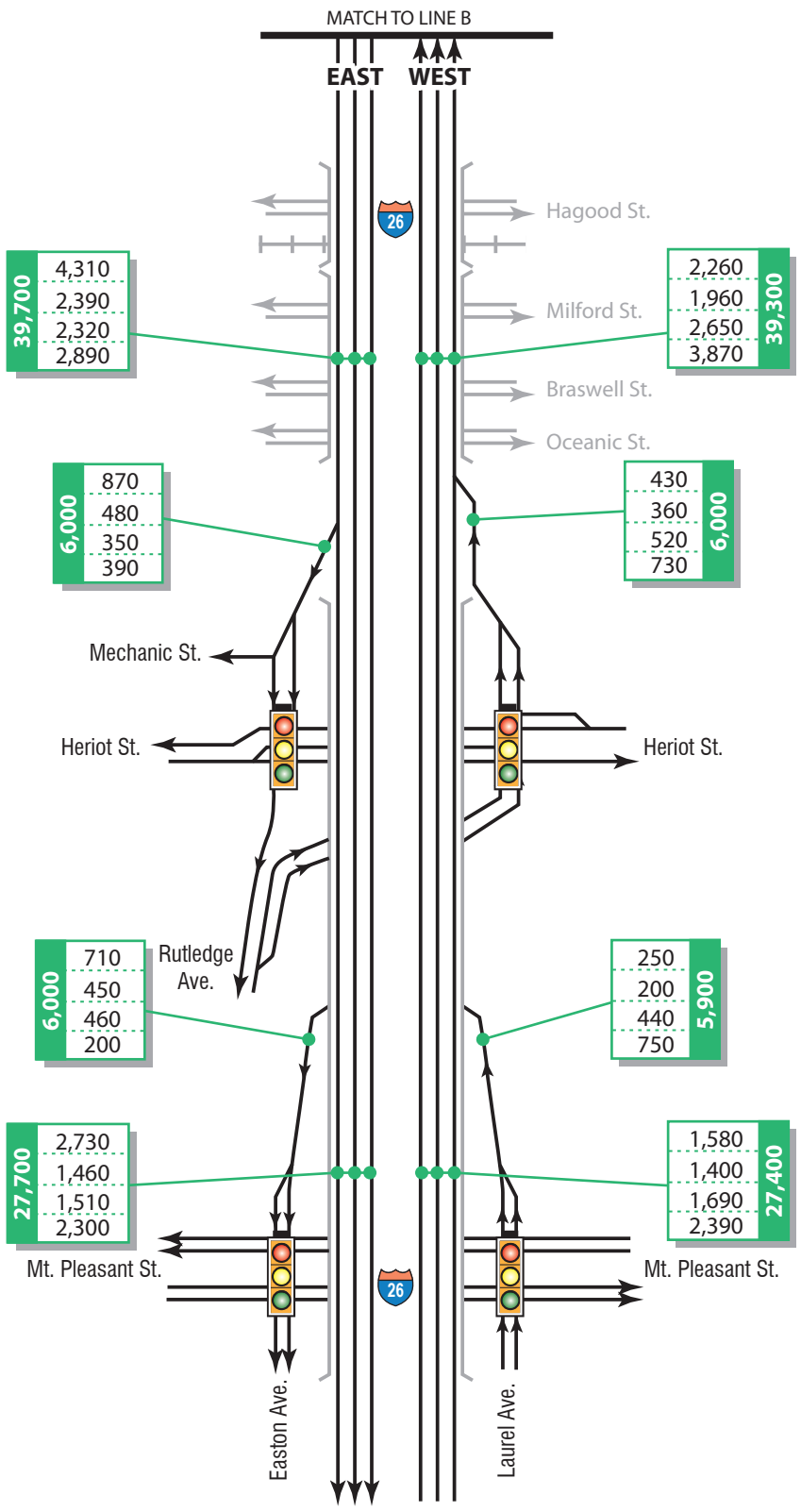


Interchange Modification Report
Naval Base Terminal Access Road
Port of Charleston, South Carolina

EXISTING CONDITIONS (2009) TRAFFIC VOLUMES – PART 2

Figure 4-2

NTS



LEGEND

ADT
AM Commuter Peak Hour (7-8 am)
AM Ports Peak Hour (9-10 am)
PM Ports Peak Hour (2-3 pm)
PM Commuter Peak Hour (4-6 pm)

Interchange Modification Report
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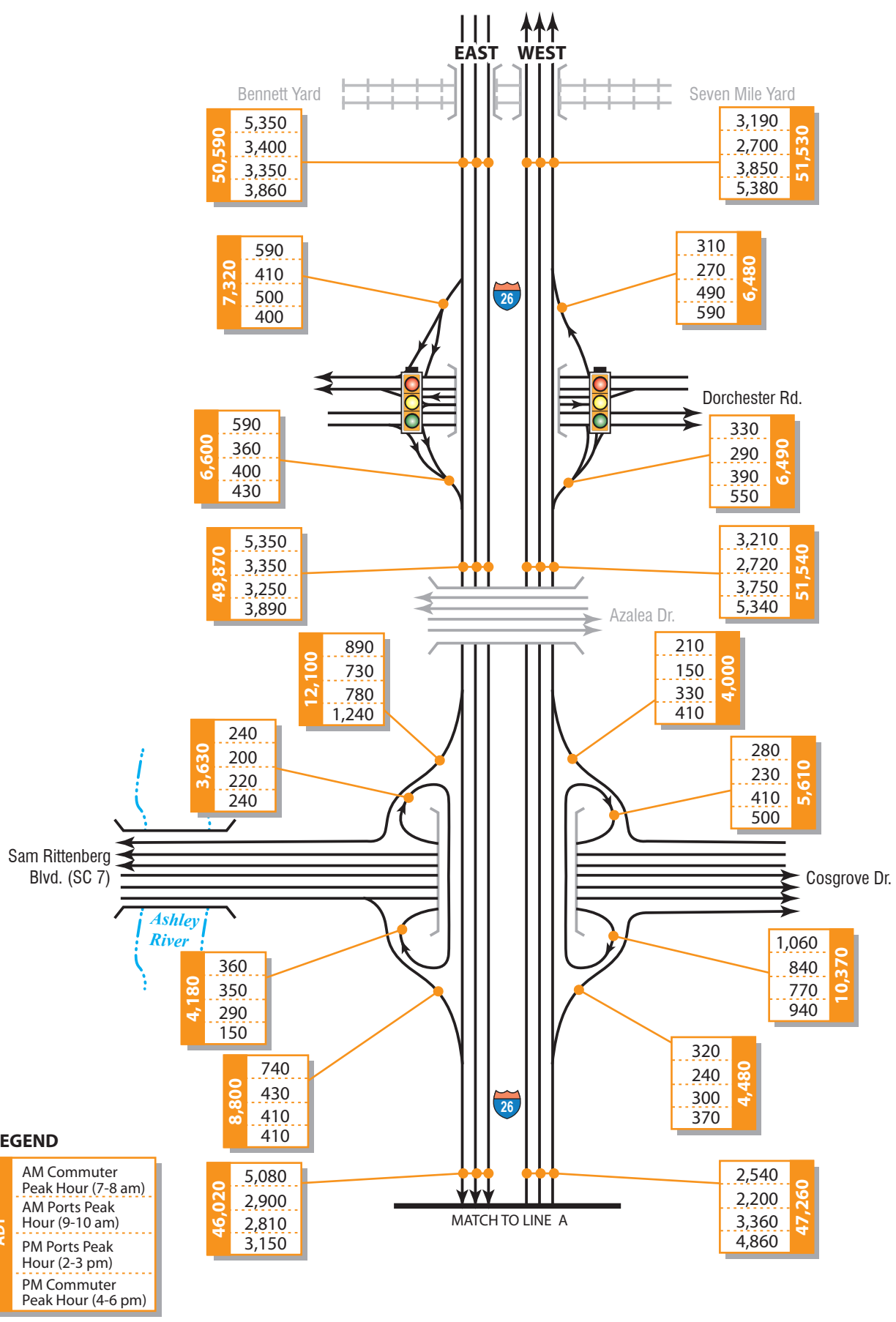
EXISTING CONDITIONS (2009) TRAFFIC VOLUMES – PART 3

Figure 4-3



Interchange Modification Report
Naval Base Terminal Access Road
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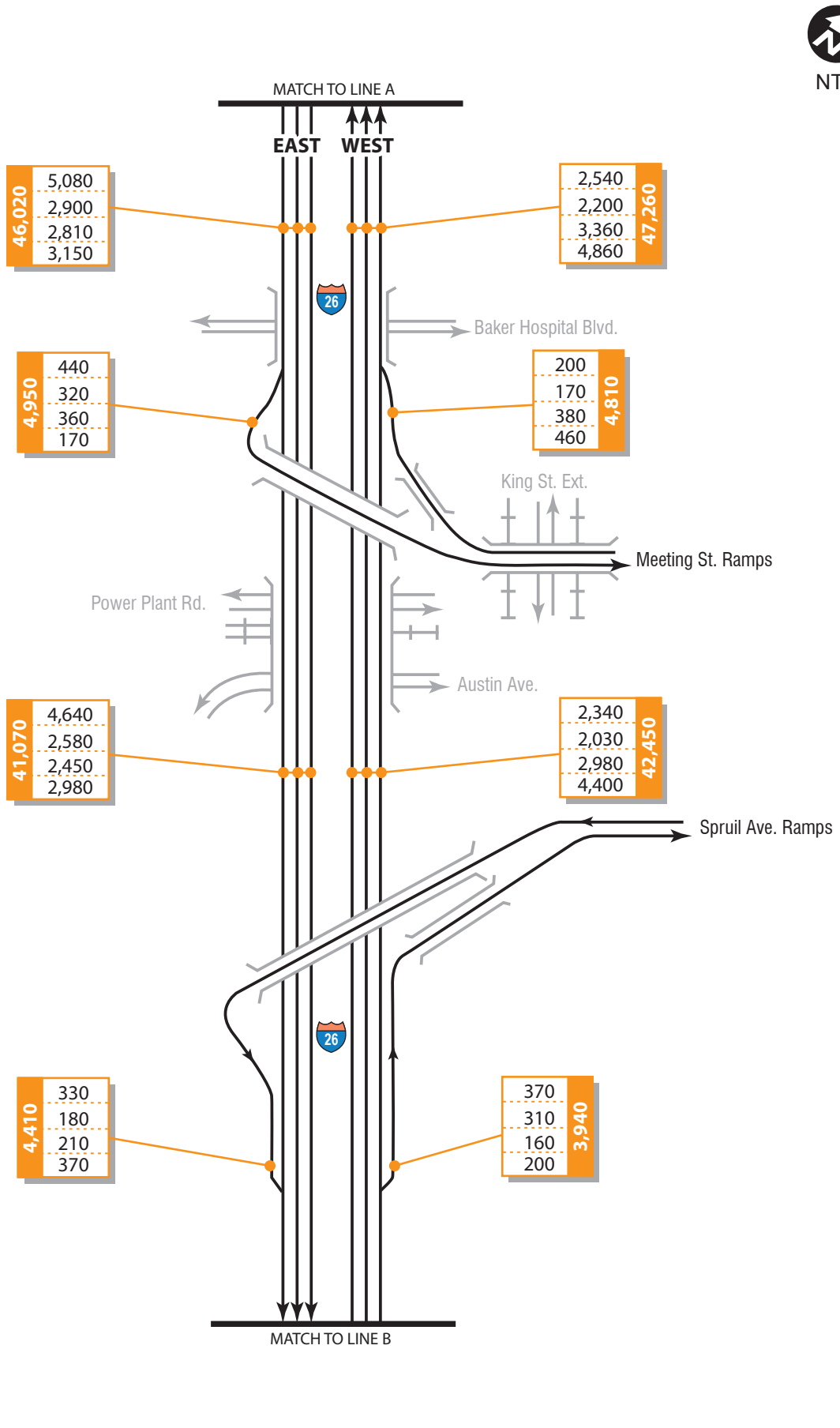
FUTURE CONDITIONS (2035) NO-BUILD TRAFFIC VOLUMES – PART 1

Figure 4-4



Interchange Modification Report
Naval Base Terminal Access Road
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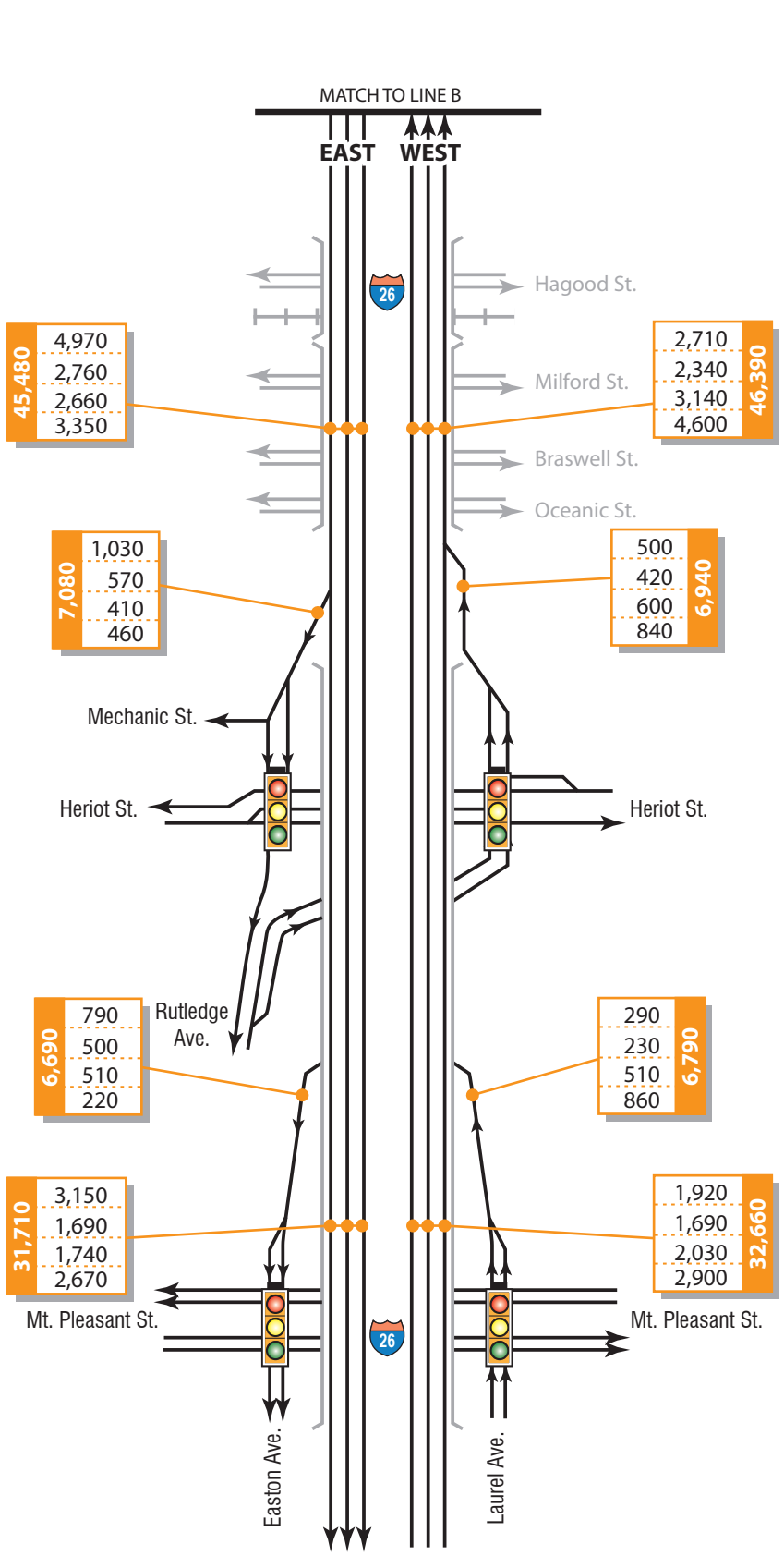
FUTURE CONDITIONS (2035) NO-BUILD TRAFFIC VOLUMES – PART 2

Figure 4-5



Interchange Modification Report
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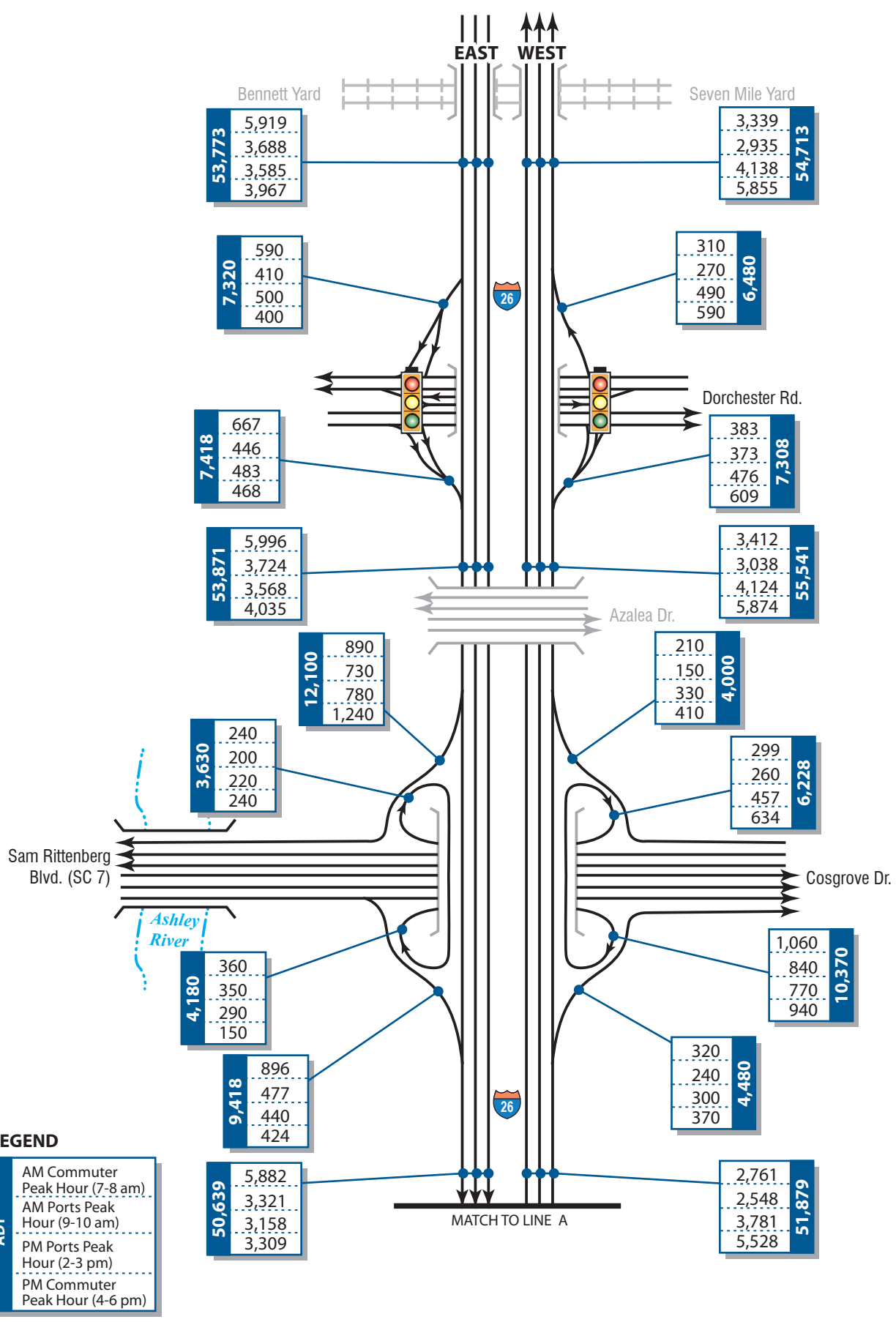
FUTURE CONDITIONS (2035) NO-BUILD TRAFFIC VOLUMES – PART 3

Figure 4-6



Interchange Modification Report
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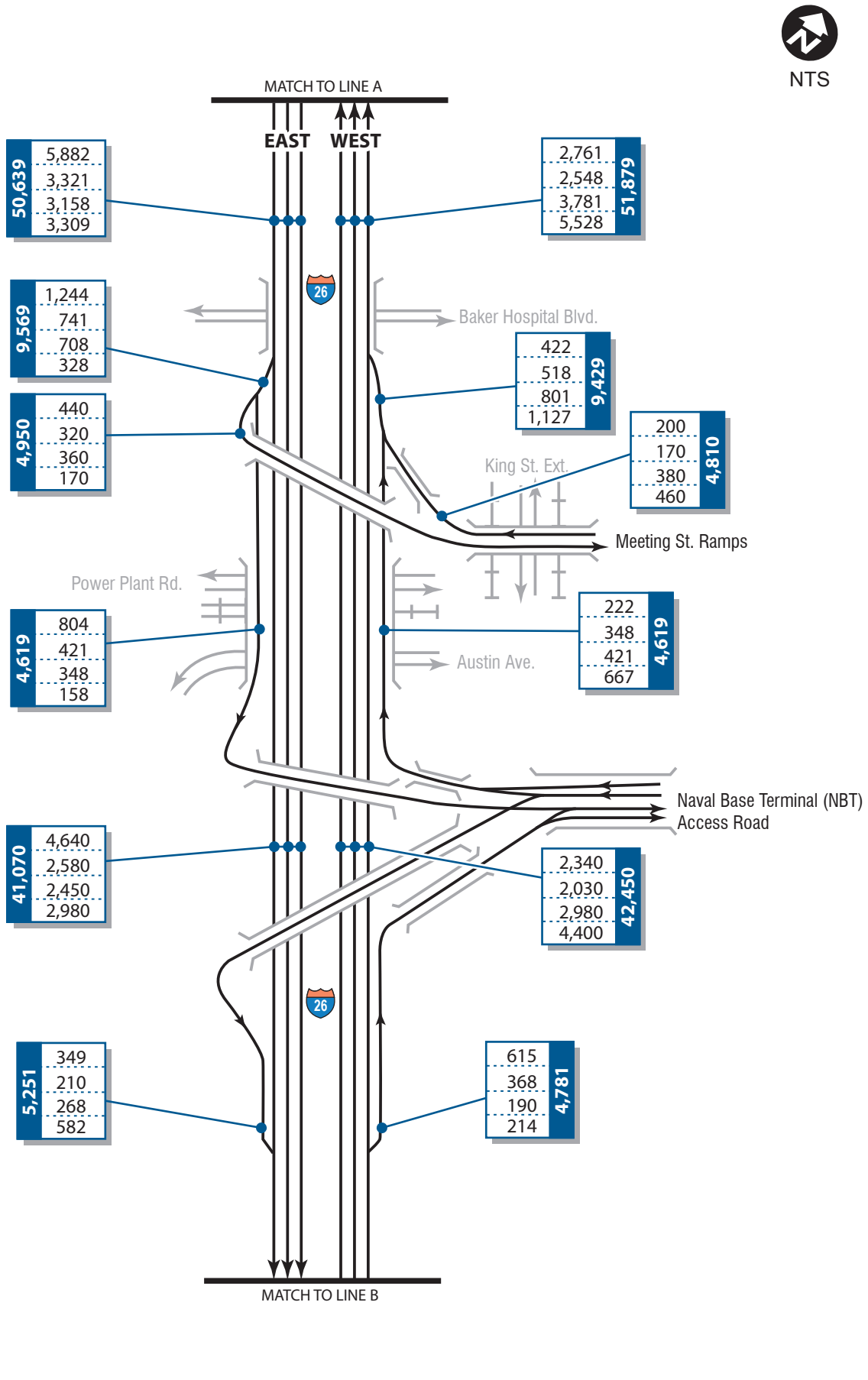
FUTURE CONDITIONS (2035) BUILD TRAFFIC VOLUMES – PART 1

Figure 4-7



Interchange Modification Report
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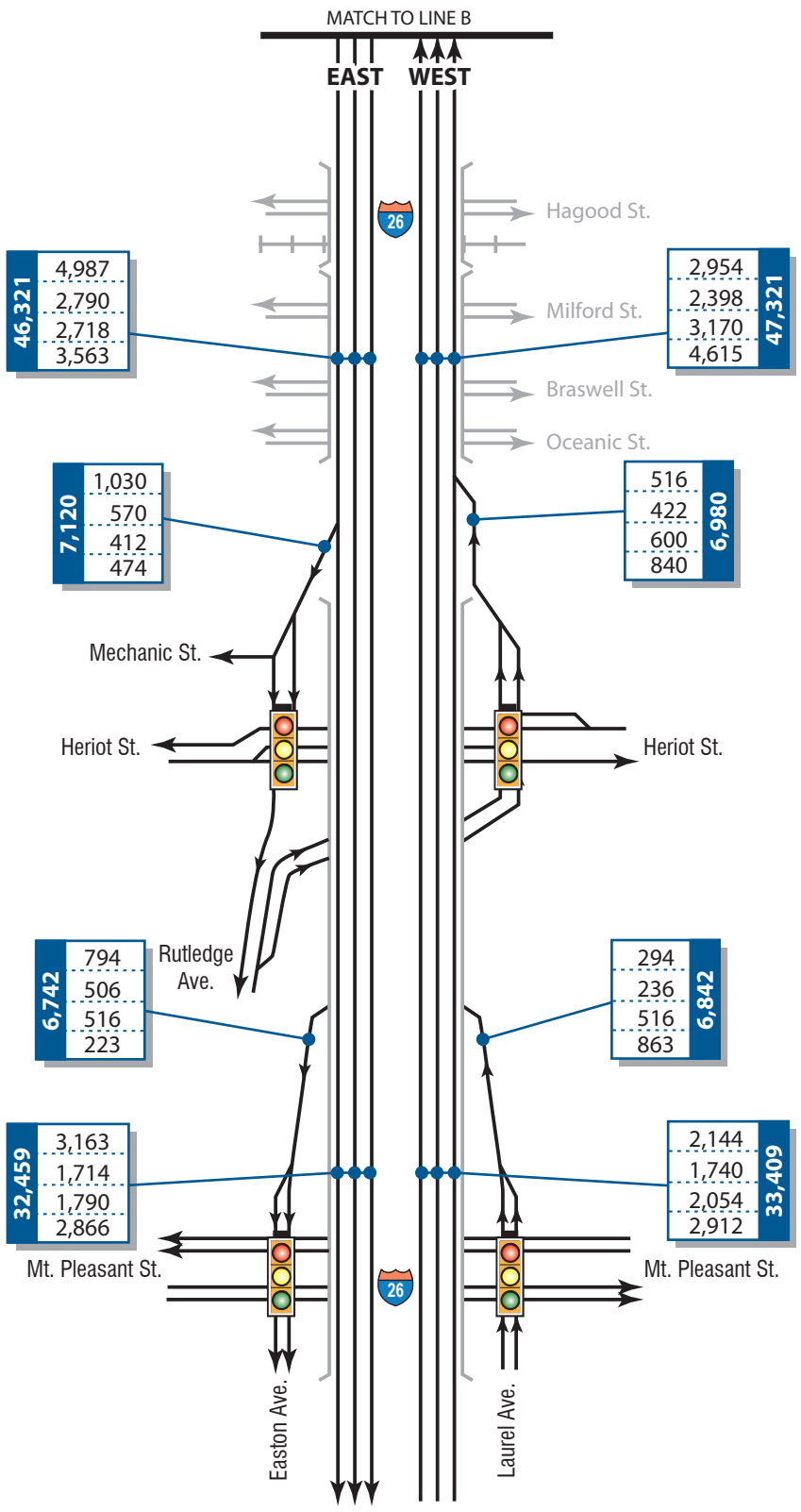
FUTURE CONDITIONS (2035) BUILD TRAFFIC VOLUMES – PART 2

Figure 4-8

NTS



LEGEND

ADT
AM Commuter Peak Hour (7-8 am)
AM Ports Peak Hour (9-10 am)
PM Ports Peak Hour (2-3 pm)
PM Commuter Peak Hour (4-6 pm)

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FUTURE CONDITIONS (2035) BUILD TRAFFIC VOLUMES – PART 3

Figure 4-9

5. TRAFFIC OPERATIONS

This section presents updated traffic operational analysis results prepared for the I-26 corridor, starting from the segment west of Dorchester Road and ending at the segment east of Mt. Pleasant Street. These updated analyses included:

- Existing Condition (2009)
- Future No-Build Condition (2035)
- Future Build Condition (2035)

The traffic operational analysis involved capacity analysis using the latest Highway Capacity Software (HCS 2010) model, and freeway operational analysis using the latest CORSIM micro-simulation model (for worst condition scenarios). As described in section 3 (Methodology) of this report, traffic operational analysis was carried out for four peak hours in order to evaluate Future Build traffic conditions as compared to Existing and Future No-Build conditions:

- Commuter AM Peak Hour (7-8 am)
- Port AM Peak Hour (9-10 am)
- Port PM Peak Hour (2-3 pm)
- Commuter PM Peak Hour (5-6 pm)

The traffic operational analysis results are summarized by different location along the I-26 study corridor, in terms of basic freeway segments, ramp merge area, ramp diverge area and weave segment. It should be noted that these segment locations were comparable (one to one) across Existing and No-Build scenarios, but was approximated when compared to the Build scenario due to modifications at the Spruill Avenue interchange and addition of the Port Access Road.

HCS(2010) Traffic Level of Service

I-26 Between Dorchester Road and Montague Avenue

The traffic capacity analysis results, presented in Table 5-1 (Density in passenger cars per mile per lane) and in Table 5-2 (Level of Service), reveal that I-26 Eastbound basic freeway segment located between Montague Avenue and Dorchester Road would slightly worsen from LOS D to LOS E conditions with traffic from the Naval Base Terminal (NBT) during the Commuter AM peak hour.

Similarly, I-26 Westbound basic freeway segment located between Dorchester Road and Montague Avenue would slightly worsen from LOS D to LOS E conditions with traffic from the NBT during the Commuter PM peak hour.

In other words, the I-26 segment between Dorchester Road and Montague Avenue is projected to operate at near-capacity conditions in year 2035 conditions as traffic density would increase (between 35 and 45 passenger cars per mile per lane) within the current land configuration. During Port AM and PM peak hours, this I-26 basic freeway segment is expected to operate slightly better, or at LOS C or better conditions, with and without traffic from the NBT.

TABLE 5-1 I-26 TRAFFIC DENSITY BETWEEN DORCHESTER ROAD AND MONTAGUE AVENUE

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	26.0	32.8	39.6	14.9	18.1	19.4
Port AM Peak (9 - 10 AM)	16.7	19.6	21.9	12.8	15.6	17.5
Port PM Peak (2 - 3 PM)	16.4	19.3	21.3	18.2	22.2	24.6
Commuter PM Peak (5 - 6 PM)	18.6	22.0	22.9	25.4	33.1	38.8

TABLE 5-2 I-26 TRAFFIC LOS BETWEEN DORCHESTER ROAD AND MONTAGUE AVENUE

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	E	B	C	C
Port AM Peak (9 - 10 AM)	B	C	C	B	B	B
Port PM Peak (2 - 3 PM)	B	C	C	C	C	C
Commuter PM Peak (5 - 6 PM)	C	C	C	C	D	E

I-26 At Dorchester Road Ramps To/From Columbia

The traffic capacity analysis results, presented in Table 5-3 (Density) and Table 5-4 (Level of Service), reveal that I-26 Eastbound diverge segment located at the Dorchester Road exit ramp would slightly worsen from LOS D to LOS E conditions with traffic from the Naval Base Terminal (NBT) during the Commuter AM peak hour. In comparison, I-26 Westbound merge segment at the Dorchester Road entrance ramp would operate at LOS D, with or without traffic from the NBT.

During Port AM and Port PM peak hours, both diverge and merge segment at this location are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-3 I-26 Traffic Density at Dorchester Road Ramps To/From Columbia

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	28.5	32.7	35.2	15.8	19.1	20.1
Port AM Peak (9 - 10 AM)	20.2	23.2	25.3	13.9	16.8	18.2
Port PM Peak (2 - 3 PM)	20.0	23.1	24.9	19.2	23.2	25.1
Commuter PM Peak (5 - 6 PM)	22.1	25.3	26.2	28.8	31.1	33.8

Table 5-4 I-26 Traffic LOS at Dorchester Road Ramps To/From Columbia

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	D	D	E	B	B	C
Port AM Peak (9 - 10 AM)	C	C	C	B	B	B
Port PM Peak (2 - 3 PM)	C	C	C	B	C	C
Commuter PM Peak (5 - 6 PM)	C	C	C	D	D	D

I-26 Between Dorchester Road Ramps

The traffic capacity analysis results, presented in Table 5-5 (Density) and Table 5-6 (Level of Service), reveal that I-26 Westbound basic freeway segment located between Dorchester Road exit and entrance ramps would slightly worsen from LOS D to LOS E conditions, with traffic from Naval Base Terminal (NBT) during the Commuter PM peak hour. In comparison, I-26 Eastbound basic freeway segment at this location would operate at LOS D, with or without traffic from the NBT.

During Port AM and Port PM peak hours, I-26 Eastbound and Westbound segments at this location are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-5 I-26 Traffic Density Between Dorchester Road Ramps

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	23.2	27.8	33.1	13.6	16.4	17.6
Port AM Peak (9 - 10 AM)	14.9	17.2	19.5	11.6	14.0	15.9
Port PM Peak (2 - 3 PM)	14.4	16.4	18.3	16.2	19.4	21.6
Commuter PM Peak (5 - 6 PM)	17.0	19.7	20.6	25.8	28.1	32.5

Table 5-6 I-26 Traffic LOS Between Dorchester Road Ramps

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	D	B	B	B
Port AM Peak (9 - 10 AM)	B	B	C	B	B	B
Port PM Peak (2 - 3 PM)	B	B	C	B	C	C
Commuter PM Peak (5 - 6 PM)	B	C	C	C	D	E

I-26 At Dorchester Road Ramps To/From Charleston

The traffic capacity analysis results, presented in Table 5-7 (Density) and Table 5-8 (Level of Service), reveal that I-26 Eastbound merge segment located at the Dorchester Road entrance ramp would slightly worsen from LOS D to LOS E conditions, with traffic from the Naval Base Terminal (NBT) during the Commuter AM peak hour. In comparison, I-26 Westbound diverge segment located at the Dorchester Road exit ramp would slightly worsen from LOS D to LOS E conditions with the NBT traffic during the Commuter PM peak hour.

During Port AM and PM peak hours, these I-26 merge and diverge segments are projected to operate at LOS D or better, with and without traffic from the NBT.

Table 5-7 I-26 Traffic Density at Dorchester Road Ramps To/From Charleston

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Merge Area)			I-26 Westbound (Diverge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	27.5	31.4	35.6	18.8	21.8	23.5
Port AM Peak (9 - 10 AM)	18.4	20.8	23.9	16.5	19.2	22.0
Port PM Peak (2 - 3 PM)	18.2	20.4	23.0	21.7	25.3	28.1
Commuter PM Peak (5 - 6 PM)	20.8	23.5	24.8	28.6	33.2	35.6

Table 5-8 I-26 Traffic LOS at Dorchester Road Ramps To/From Charleston

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Merge Area)			I-26 Westbound (Diverge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	E	B	C	C
Port AM Peak (9 - 10 AM)	B	C	C	B	B	C
Port PM Peak (2 - 3 PM)	B	C	C	C	C	D
Commuter PM Peak (5 - 6 PM)	C	C	C	D	D	E

I-26 At Cosgrove Avenue Ramps To/From Columbia

The traffic capacity analysis results, presented in Table 5-9 (Density) and Table 5-10 (Level of Service), reveal that I-26 Eastbound diverge segment located at the Cosgrove Avenue exit ramp would operate at LOS E during the Commuter AM peak hour, with or without the NBT traffic. In comparison, I-26 Westbound merge segment located at the Cosgrove Avenue entrance ramp would slightly worsen from LOS D to LOS E conditions with traffic from the Naval Base Terminal (NBT) during the Commuter PM peak hour.

During Port AM and Port PM peak hours, these I-26 merge and diverge segments are projected to operate at LOS D or better, with and without traffic from the NBT.

Table 5-9 I-26 Traffic Density at Cosgrove Avenue Ramps To/From Columbia

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	31.7	35.0	38.0	17.1	21.0	21.6
Port AM Peak (9 - 10 AM)	22.8	25.4	28.1	15.1	17.5	19.8
Port PM Peak (2 - 3 PM)	22.5	25.0	27.4	20.1	23.6	26.5
Commuter PM Peak (5 - 6 PM)	26.1	29.1	30.1	27.4	32.2	36.1

Table 5-10 I-26 Traffic LOS at Cosgrove Avenue Ramps To/From Columbia

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	D	E	E	B	C	C
Port AM Peak (9 - 10 AM)	C	C	D	B	B	B
Port PM Peak (2 - 3 PM)	C	C	C	C	C	C
Commuter PM Peak (5 - 6 PM)	C	D	D	C	D	E

I-26 Between Cosgrove Avenue Loop Ramps

The traffic capacity analysis results, presented in Table 5-11 (Density) and Table 5-12 (Level of Service), reveal that I-26 Westbound weave segment located between the Cosgrove Avenue loop ramps would slightly worsen from LOS D to LOS E conditions, with traffic from the Naval Base Terminal (NBT) during the Commuter PM peak hour. In comparison, I-26 Eastbound weave segment between the Cosgrove Avenue loop ramps would slightly worsen from LOS C to LOS D, with NBT traffic.

During Port AM and Port PM peak hours, these I-26 weave segments are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-11 I-26 Traffic Density Between Cosgrove Avenue Loop Ramps

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Weave Segment)			I-26 Westbound (Weave Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	20.7	24.1	28.3	14.8	17.9	20.0
Port AM Peak (9 - 10 AM)	12.0	14.1	16.6	12.3	14.8	17.8
Port PM Peak (2 - 3 PM)	11.5	13.2	15.4	16.7	21.1	24.7
Commuter PM Peak (5 - 6 PM)	11.9	13.8	14.8	25.8	31.6	37.6

Table 5-12 I-26 Traffic LOS Between Cosgrove Avenue Loop Ramps

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Weave Segment)			I-26 Westbound (Weave Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	C	D	B	B	C
Port AM Peak (9 - 10 AM)	B	B	B	B	B	B
Port PM Peak (2 - 3 PM)	B	B	B	B	C	C
Commuter PM Peak (5 - 6 PM)	B	B	B	C	D	E

I-26 At Cosgrove Avenue Ramps To/From Charleston

The traffic capacity analysis results, presented in Table 5-13 (Density) and Table 5-14 (Level of Service), reveal that I-26 Eastbound merge segment located at the Cosgrove Avenue entrance ramp would slightly worsen from LOS D to LOS E conditions with traffic from Naval Base Terminal (NBT) during the Commuter AM peak hour.

During other peak hours analyzed, these I-26 merge and diverge segments are projected to operate at LOS D or better, with and without traffic from the NBT.

Table 5-13 I-26 Traffic Density at Cosgrove Avenue Ramps To/From Charleston

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Merge Area)			I-26 Westbound (Diverge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	27.1	30.5	35.5	14.5	17.0	18.9
Port AM Peak (9 - 10 AM)	16.6	23.1	21.8	12.8	15.1	18.1
Port PM Peak (2 - 3 PM)	16.3	18.1	20.8	19.0	21.9	24.9
Commuter PM Peak (5 - 6 PM)	17.5	19.7	20.8	25.6	29.2	32.4

Table 5-14 I-26 Traffic LOS at Cosgrove Avenue Ramps To/From Charleston

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Merge Area)			I-26 Westbound (Diverge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	E	B	B	B
Port AM Peak (9 - 10 AM)	B	C	C	B	B	B
Port PM Peak (2 - 3 PM)	B	B	C	B	C	C
Commuter PM Peak (5 - 6 PM)	B	B	C	C	D	D

I-26 Between Cosgrove Avenue and Meeting Street/Port Access Road

The traffic capacity analysis results, presented in Table 5-15 (Density) and Table 5-2 (Level of Service), reveal that I-26 Eastbound basic freeway segment located between Cosgrove Avenue and Meeting Street/Port Access Road would slightly worsen from LOS D to LOS E conditions with traffic from Naval Base Terminal (NBT) during the Commuter AM peak hour. In comparison, I-26 Westbound segment located between Meeting Street/Port Access Road and Cosgrove Avenue would slightly worsen from LOS D to LOS E conditions with traffic from Naval Base Terminal (NBT) during the Commuter PM peak hour.

During the Port peak hours, these I-26 basic freeway segments are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-15 I-26 Traffic Density Between Cosgrove Avenue and Meeting Street/Port Access Road

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	25.6	30.4	39.5	12.0	14.4	16.3
Port AM Peak (9 - 10 AM)	14.6	16.7	20.1	10.6	12.7	15.6
Port PM Peak (2 - 3 PM)	14.3	16.2	17.0	16.4	19.4	22.7
Commuter PM Peak (5 - 6 PM)	15.6	17.9	19.3	23.4	28.6	35.1

Table 5-16 I-26 Traffic LOS Between Cosgrove Avenue and Meeting Street/Port Access Road

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	E	B	B	B
Port AM Peak (9 - 10 AM)	B	B	C	A	B	B
Port PM Peak (2 - 3 PM)	B	B	B	B	C	C
Commuter PM Peak (5 - 6 PM)	B	B	C	C	D	E

I-26 At Meeting Street/Port Access Road Ramps To/From Columbia

The traffic capacity analysis results, presented in Table 5-17 (Density) and Table 5-18 (Level of Service), reveal that I-26 Eastbound diverge segment located at the Meeting Street/Port Access Road exit ramp would operate at LOS D during the Commuter AM peak hour without or with the NBT traffic. In comparison, I-26 Westbound merge segment located at the Meeting Street/Port Access Road entrance ramp would slightly worsen from LOS C to LOS D conditions with traffic from Naval Base Terminal (NBT) during the Commuter PM peak hour.

During the Port peak hours, these I-26 merge and diverge segments are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-17 I-26 Traffic Density at Meeting Street/Port Access Road Ramps To/From Columbia

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	29.0	32.3	33.1	12.3	14.5	14.1
Port AM Peak (9 - 10 AM)	18.1	20.3	18.0	10.9	12.8	13.5
Port PM Peak (2 - 3 PM)	17.8	19.8	16.8	16.7	19.5	21.1
Commuter PM Peak (5 - 6 PM)	18.8	21.1	15.6	23.2	27.2	30.9

Table 5-18 I-26 Traffic LOS at Meeting Street/Port Access Road Ramps To/From Columbia

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	D	D	D	B	B	B
Port AM Peak (9 - 10 AM)	B	C	B	B	B	B
Port PM Peak (2 - 3 PM)	B	B	B	B	B	C
Commuter PM Peak (5 - 6 PM)	B	C	B	C	C	D

I-26 Between Meeting Street/Port Access Road and Spruill Avenue/Port Access Road Ramps

The traffic capacity analysis results, presented in Table 5-19 (Density) and Table 5-20 (Level of Service), reveal that I-26 Eastbound basic freeway segment located between Meeting Street/Port Access Road and Spruill Avenue/Port Access Road ramps would operate at LOS D conditions, with or without traffic from the Naval Base Terminal (NBT) during the Commuter AM peak hour. In comparison, I-26 Westbound basic freeway segment located between Spruill Avenue/Port Access Road and Meeting Street/Port Access Road ramps would operate at LOS C conditions, with or without traffic from the Naval Base Terminal (NBT) during the Commuter PM peak hour.

During Port peak hours, these I-26 basic freeway segments are projected to operate at LOS B or better, with and without traffic from the NBT.

Table 5-19 I-26 Traffic Density Between Meeting Street/Port Access Road and Spruill Avenue/Port Access Road Ramps

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	23.1	27.0	27.0	11.0	13.3	13.3
Port AM Peak (9 - 10 AM)	13.0	14.9	14.9	9.8	11.7	11.7
Port PM Peak (2 - 3 PM)	12.4	14.1	14.1	14.5	17.2	17.2
Commuter PM Peak (5 - 6 PM)	14.8	16.9	16.9	21.0	25.3	25.3

Table 5-20 I-26 Traffic LOS Between Meeting Street/Port Access Road and Spruill Avenue/Port Access Road Ramps

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	D	B	B	B
Port AM Peak (9 - 10 AM)	B	B	B	A	B	B
Port PM Peak (2 - 3 PM)	B	B	B	B	B	B
Commuter PM Peak (5 - 6 PM)	B	B	B	C	C	C

I-26 At Spruill Avenue/Port Access Road Ramps To/From Charleston

The traffic capacity analysis results, presented in Table 5-21 (Density) and Table 5-22 (Level of Service), reveal that I-26 Eastbound merge area located at the Spruill Avenue/Port Access Road entrance ramp would operate at LOS C conditions, with or without traffic from the Naval Base Terminal (NBT) during the Commuter AM peak hour. In comparison, I-26 Westbound diverge area would operate at LOS C, with or without the NBT.

During Port peak hours, these I-26 merge and diverge segments are projected to operate at LOS B or better, with and without traffic from the NBT.

Table 5-21 I-26 Traffic Density at Spruill Avenue/Port Access Road Ramps To/From Charleston

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Merge Area)			I-26 Westbound (Diverge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	23.0	26.7	25.4	8.6	11.4	13.3
Port AM Peak (9 - 10 AM)	12.9	14.9	14.8	6.9	9.3	9.9
Port PM Peak (2 - 3 PM)	12.6	14.5	13.4	10.8	13.7	14.0
Commuter PM Peak (5 - 6 PM)	15.7	18.3	18.4	17.3	21.0	21.1

Table 5-22 I-26 Traffic LOS at Spruill Avenue/Port Access Road Ramps To/From Charleston

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Merge Area)			I-26 Westbound (Diverge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	C	C	A	B	B
Port AM Peak (9 - 10 AM)	B	B	B	A	A	A
Port PM Peak (2 - 3 PM)	B	B	B	B	B	B
Commuter PM Peak (5 - 6 PM)	B	B	B	B	C	C

I-26 Between Spruill Avenue/Port Access Road and Rutledge Avenue

The traffic capacity analysis results, presented in Table 5-23 (Density) and Table 5-24 (Level of Service), reveal that I-26 Eastbound basic freeway segment located between Spruill Avenue/Port Access Road and Rutledge Avenue would operate at LOS D conditions, with or without traffic from the Naval Base Terminal (NBT) during the Commuter AM peak hour. In comparison, I-26 Westbound segment located between Rutledge Avenue and Spruill Avenue/Port Access Road would operate at LOS D conditions, with or without traffic from the NBT during the Commuter PM peak hour.

During Port peak hours, these I-26 basic segments are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-23 I-26 Traffic Density Between Spruill Avenue/Port Access Road and Rutledge Avenue

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	24.7	29.5	29.6	12.8	15.4	16.8
Port AM Peak (9 - 10 AM)	13.8	15.9	16.2	11.3	13.5	13.9
Port PM Peak (2 - 3 PM)	13.4	15.3	15.8	15.3	18.1	18.4
Commuter PM Peak (5 - 6 PM)	16.4	19.0	20.3	22.0	26.7	26.8

Table 5-24 I-26 Traffic LOS Between Spruill Avenue/Port Access Road and Rutledge Avenue

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	D	B	B	B
Port AM Peak (9 - 10 AM)	B	B	B	B	B	B
Port PM Peak (2 - 3 PM)	B	B	B	B	C	C
Commuter PM Peak (5 - 6 PM)	B	C	C	C	D	D

I-26 At Rutledge Avenue Ramps To/From Charleston

The traffic capacity analysis results, presented in Table 5-25 (Density) and Table 5-26 (Level of Service), reveal that I-26 Eastbound diverge segment located at the Rutledge Avenue exit ramp would operate at LOS D during the Commuter AM peak hour, with or without the NBT traffic. In comparison, I-26 Westbound merge segment located at the Rutledge Avenue entrance ramp would operate at LOS D conditions, with or without traffic from NBT traffic during the Commuter PM peak hour.

During Port peak hours, these I-26 merge and diverge segments are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-25 I-26 Traffic Density at Rutledge Avenue Ramps To/From Charleston

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	28.5	32.6	32.7	16.0	18.5	19.8
Port AM Peak (9 - 10 AM)	17.6	20.0	20.2	14.4	16.6	16.9
Port PM Peak (2 - 3 PM)	16.9	19.0	19.5	18.4	15.9	21.4
Commuter PM Peak (5 - 6 PM)	20.1	22.8	23.9	25.1	29.1	29.2

Table 5-26 I-26 Traffic LOS at Rutledge Avenue Ramps To/From Charleston

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	D	D	D	B	B	B
Port AM Peak (9 - 10 AM)	B	B	C	B	B	B
Port PM Peak (2 - 3 PM)	B	B	B	B	B	C
Commuter PM Peak (5 - 6 PM)	C	C	C	C	D	D

I-26 At Mt. Pleasant Street Ramps To/From Charleston

The traffic capacity analysis results, presented in Table 5-27 (Density) and Table 5-28 (Level of Service), reveal that I-26 Eastbound diverge area located at the Mt. Pleasant Street exit ramp would operate at LOS D during the Commuter AM peak hour, with or without the NBT traffic. In comparison, I-26 Westbound merge area located at the Mt. Pleasant Street entrance ramp would operate at LOS C conditions, with or without traffic from the NBT during the Commuter PM peak hour.

During Port peak hours, these I-26 merge and diverge segments are projected to operate at LOS C or better, with and without traffic from the NBT.

Table 5-27 I-26 Traffic Density at Mt. Pleasant Street Ramps To/From Charleston

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	25.6	28.3	28.4	13.9	15.9	17.1
Port AM Peak (9 - 10 AM)	16.4	18.3	18.5	12.7	14.4	14.8
Port PM Peak (2 - 3 PM)	16.8	17.7	19.1	16.1	18.4	18.7
Commuter PM Peak (5 - 6 PM)	19.3	21.6	22.7	22.0	25.5	25.6

Table 5-28 I-26 Traffic LOS at Mt. Pleasant Street Ramps To/From Charleston

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Diverge Area)			I-26 Westbound (Merge Area)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	C	D	D	B	B	B
Port AM Peak (9 - 10 AM)	B	B	B	B	B	B
Port PM Peak (2 - 3 PM)	B	B	B	B	B	B
Commuter PM Peak (5 - 6 PM)	B	C	C	C	C	C

I-26 SOUTH OF MT. PLEASANT STREET

The traffic capacity analysis results, presented in Table 5-29 (Density) and Table 5-30 (Level of Service), reveal that I-26 Eastbound and I-26 Westbound basic freeway segments located south of Mt. Pleasant Street would operate at LOS B conditions, with or without traffic from the Naval Base Terminal (NBT) during all four peak hours analyzed in the IMR study.

TABLE 5-29 I-26 TRAFFIC DENSITY SOUTH OF MT. PLEASANT STREET

	Traffic Density (pc/mi/ln)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	15.5	17.9	18.0	9.0	10.9	12.2
Port AM Peak (9 - 10 AM)	8.4	9.8	9.9	8.1	9.8	10.1
Port PM Peak (2 - 3 PM)	8.7	10.0	10.4	9.8	11.7	11.9
Commuter PM Peak (5 - 6 PM)	13.1	15.2	16.3	13.6	16.5	16.6

TABLE 5-30 I-26 TRAFFIC LOS SOUTH OF MT. PLEASANT STREET

	Traffic Level of Service (LOS)					
	I-26 Eastbound (Basic Freeway Segment)			I-26 Westbound (Basic Freeway Segment)		
Peak Hour	Existing	No Build	Build	Existing	No Build	Build
Commuter AM Peak (7 - 8 AM)	B	B	B	A	A	B
Port AM Peak (9 - 10 AM)	A	A	A	A	A	A
Port PM Peak (2 - 3 PM)	A	A	A	A	B	B
Commuter PM Peak (5 - 6 PM)	B	B	B	B	B	B

CORSIM Simulation of Freeway Operations

To evaluate freeway operational impacts of the proposed access modification, CORSIM micro-simulation modeling was performed for the two commuter peak hours (7-8 am and 5-6 pm). The results were compared across Existing, No-Build and Build conditions for the peak direction of travel, which is I-26 Eastbound during the morning commuter peak hour and I-26 Westbound during the afternoon commuter peak hour.

The comparative evaluation entailed running the CORSIM simulation model for 30 runs and post-processing simulation outputs to prepare average simulated volume, speed and density for each merge, diverge, weave and basic freeway segment in the study I-26 corridor. The freeway segments used in the simulation are listed in Table 5-31 for I-26 Eastbound and in Table 5-32 for I-26 Westbound.

Commuter AM Peak Hour (7-8 am)

The simulation analysis of the Commuter AM peak hour (7-8 am) are summarized in Table 5-33 for I-26 Eastbound. The results reveal that I-26 Eastbound is able to process the increased traffic demand in the Build condition with marginal reduction in the traffic flow speed. The traffic flow density measure would increase by 20 percent or more in the Build condition in two segments just south of the Cosgrove Avenue on-ramp merge due to increased traffic demand. However, the density increase would not exceed jam density in any of the freeway segment. The jam density varies from 35 to 45 passenger cars per mile per lane depending on the type of freeway segment.

The simulation visualization during middle of the simulated hour revealed no queuing conditions or traffic jams along I-26 mainline or at any of the ramp locations in the study area. Figure 5-1 depicts mainline simulation snapshots west of the proposed interchange with good flow conditions.

Commuter PM Peak Hour (5-6 pm)

The simulation analysis of the Commuter PM peak hour (5-6 pm) are summarized in Table 5-34 for I-26 Westbound. The results reveal that I-26 Westbound is able to process the increased traffic demand in the Build condition with some reduction in the traffic flow speed. The traffic flow density measure would increase by 20 percent or more in the Build condition in four segments just north of the new Port Access Road interchange and up to Cosgrove Avenue interchange due to increased traffic demand. However, the density increase would not exceed jam density in any of the freeway segment.

The simulation visualization during middle of the simulated hour revealed no queuing conditions or traffic jams along I-26 mainline or at any of the ramp locations in the study area. Figure 5-2 depicts mainline simulation snapshots west of the proposed interchange with good flow conditions.

TABLE 5-31 I-26 EASTBOUND SEGMENT DESCRIPTION

I-26 East Segment#	I-26 Eastbound Segment Location	Freeway Segment Type
1	North of Dorchester Road	Basic
2	Off-Ramp to Dorchester Road	Diverge
3	Between Dorchester Road Ramps	Basic
4	On Ramp from Dorchester Road	Merge
5	Off-Ramp to Cosgrove Avenue	Diverge
6	Between Cosgrove Avenue Loop Ramps	Weave
7	On Ramp from Cosgrove Ave	Merge
8	Between Cosgrove Ave and Meeting Street/Port Access Road	Basic
9	Off-Ramp to Meeting Street/Port Access Road	Diverge
10	Between Meeting Street and Spruill Avenue/Port Access Road	Basic
11	On Ramp from Spruill Avenue/Port Access Road	Merge
12	Between Spruill Ave/Port Access Road and Rutledge Avenue	Basic
13	Off-Ramp to Rutledge Avenue	Diverge
14	Off-Ramp to Mt. Pleasant Street	Diverge
15	South of Mt. Pleasant Street	Basic

TABLE 5-32 I-26 WESTBOUND SEGMENT DESCRIPTION

I-26 West Segment#	I-26 Westbound Segment Description	Freeway Segment Type
1	North of Dorchester Road	Basic
2	On Ramp from Dorchester Road	Merge
3	Between Dorchester Road Ramps	Basic
4	Off-Ramp to Dorchester Road	Diverge
5	On Ramp from Cosgrove Avenue	Merge
6	Between Cosgrove Avenue Loop Ramps	Weave
7	Off-Ramp to Cosgrove Avenue	Diverge
8	Between Meeting Street/Port Access Road and Cosgrove Avenue	Basic
9	On Ramp from Meeting Street/Port Access Road	Merge
10	Between Spruill Avenue/Port Access Road and Meeting Street/Port Access Road	Basic
11	Off-Ramp to Spruill Avenue/Port Access Road	Diverge
12	Between Rutledge Avenue and Spruill Avenue/Port Access Road	Basic
13	On Ramp from Rutledge Avenue	Merge
14	On Ramp from Mt. Pleasant Street	Merge
15	South of Mt. Pleasant Street	Basic

TABLE 5-33 I-26 EASTBOUND SIMULATION RESULTS FOR COMMUTER AM PEAK HOUR (7-8 AM)

I-26 East Segment# (Note1)	Existing (2009) Conditions Simulation			No-Build (2035) Conditions Simulation			Build (2035) Conditions Simulation			Build to No-Build Ratio		
	Average Volume (veh/hr)	Average Speed (mph)	Average Density (pc/mi/ln)	Average Volume (veh/hr)	Average Speed (mph)	Average Density (pc/mi/ln)	Average Volume (veh/hr)	Average Speed (mph)	Average Density (pc/mi/ln)	Average Volume	Average Speed	Average Density
1	4547	63	24	5347	63	29	5917	62	32	1.11	1.00	1.11
2	4547	62	24	5347	61	28	5917	60	32	1.11	0.99	1.12
3	4138	62	22	4754	61	26	5321	61	29	1.12	0.99	1.13
4	4674	58	24	5346	57	28	5984	53	33	1.12	0.94	1.19
5	4674	58	26	5345	57	30	5983	55	35	1.12	0.96	1.16
6	4118	60	17	4720	60	20	5318	59	23	1.13	0.99	1.14
7	4425	60	23	5046	59	27	5813	57	32	1.15	0.96	1.20
8	4425	62	24	5045	61	28	5814	57	34	1.15	0.94	1.23
9	4424	61	23	5049	60	26	5815	58	28	1.15	0.97	1.07
10	4030	62	22	4636	61	25	4605	61	25	0.99	1.00	0.99
11	4287	61	20	4894	60	23	4887	60	21	1.00	1.00	0.90
12	4287	61	23	4894	61	27	4884	60	27	1.00	1.00	1.00
13	4288	58	24	4895	57	28	4883	56	28	1.00	0.99	1.01
14	3421	60	19	3879	59	22	3841	59	22	0.99	0.99	1.00
15	2681	63	14	3080	62	16	3049	62	16	0.99	1.00	0.99

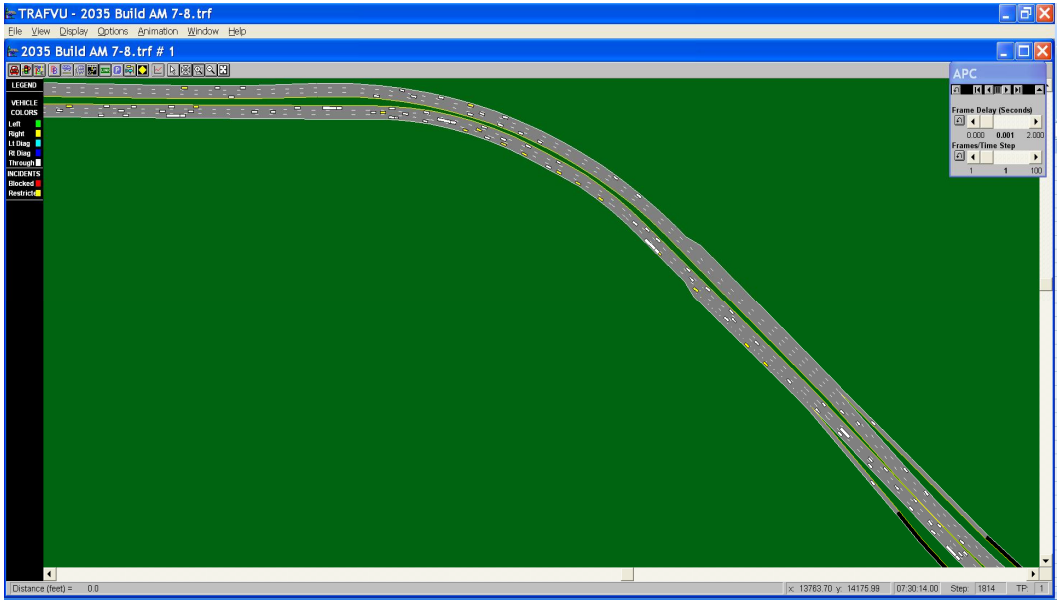
Note 1: See Table 5-31 for description of the I-26 East Segments

TABLE 5-34 I-26 WESTBOUND SIMULATION RESULTS FOR COMMUTER PM PEAK HOUR (5-6 PM)

I-26 West Segment# (Note 1)	Existing (2009) Conditions Simulation			No-Build (2035) Conditions Simulation			Build (2035) Conditions Simulation			Build to No-Build Ratio		
	Simulated Volume (veh/hr)	Average Speed (mph)	Average Density (pc/mi/ln)	Simulated Volume (veh/hr)	Average Speed (mph)	Average Density (pc/mi/ln)	Simulated Volume (veh/hr)	Average Speed (mph)	Average Density (pc/mi/ln)	Simulated Volume	Average Speed	Average Density
1	4366	62	24	5262	61	29	6043	60	33	1.15	0.99	1.16
2	4367	59	24	5262	57	30	6041	55	35	1.15	0.97	1.18
3	3928	62	21	4704	61	26	5484	61	30	1.17	0.99	1.18
4	4419	61	21	5258	60	25	6105	59	30	1.16	0.98	1.18
5	4419	60	22	5259	58	27	6108	57	33	1.16	0.97	1.19
6	4579	55	21	5340	55	24	6369	54	29	1.19	0.99	1.21
7	4082	61	21	4820	60	25	5811	60	30	1.21	0.99	1.21
8	4082	62	22	4821	61	26	5810	57	34	1.21	0.93	1.30
9	4081	61	19	4821	60	23	5810	53	29	1.21	0.88	1.23
10	3670	62	20	4361	61	24	4363	61	24	1.00	1.00	1.00
11	3828	62	16	4551	61	20	4587	62	19	1.01	1.00	0.99
12	3828	62	20	4550	62	25	4587	62	25	1.01	1.00	1.01
13	3829	60	20	4549	58	24	4589	58	25	1.01	1.00	1.01
14	3096	59	17	3704	58	20	3742	58	21	1.01	1.00	1.01
15	2389	64	12	2898	64	15	2911	64	15	1.00	1.00	1.00

Note 1: See Table 5-32 for description of the I-26 West Segments

FIGURE 5-1 I-26 SIMULATION SNAPSHOT DURING COMMUTER AM PEAK HOUR (7-8 AM)



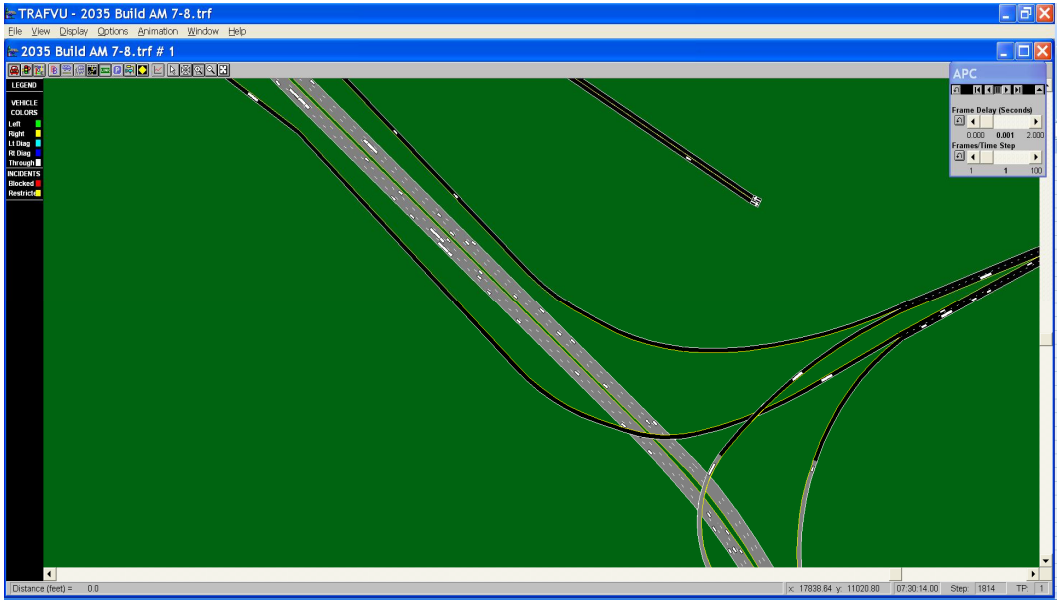
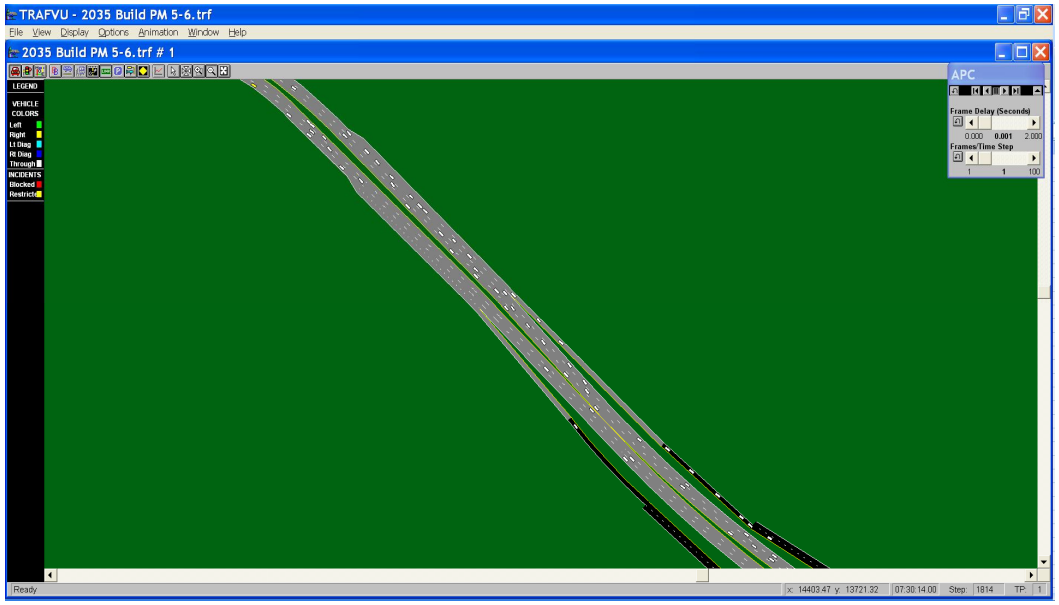
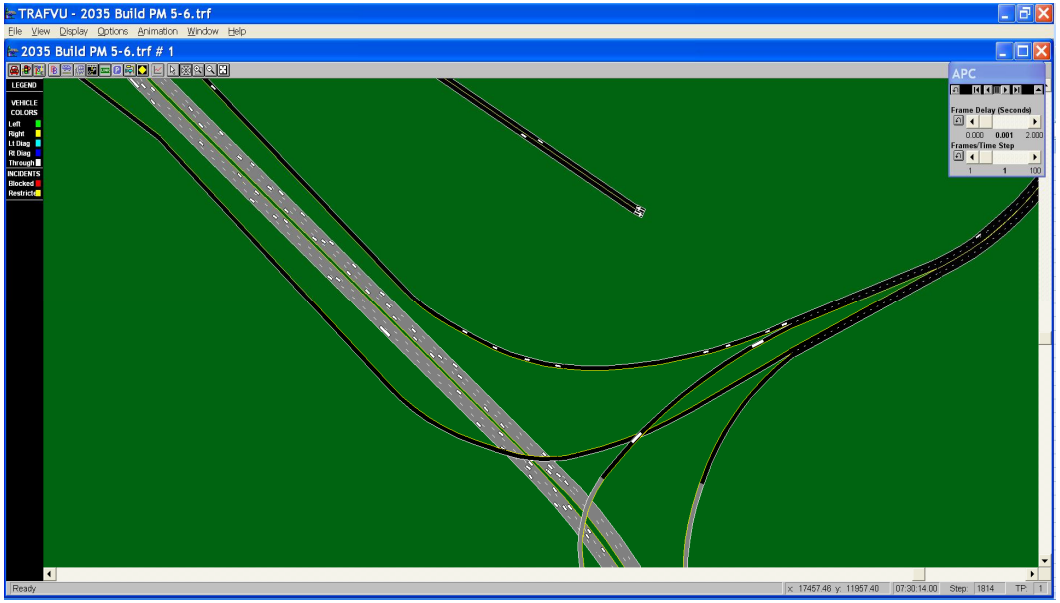


FIGURE 5-2 I-26 SIMULATION SNAPSHOT DURING COMMUTER PM PEAK HOUR (5-6 PM)





6. INTERCHANGE JUSTIFICATION

A policy statement for justifying the need for additional or modified access to the existing sections of the Interstate System was first published in the Federal Register on October 22, 1990 entitled *Access to the Interstate System*. It was then modified and updated on February 11, 1998 and on August 27, 2009. The objectives of this policy are to ensure that all new or revised access points do not adversely impact the operations and safety of the Interstate System, and all new or revised access points have been vetted through a systematic evaluation process.

In order to explain the intent and requirements of this new policy, FHWA published the *Interstate System Access Information Guide* in August 2010. This FHWA Guide was followed in preparing the current Interchange Modification Report (IMR) for the I-26 / Naval Base Terminal Access Road Interchange in Charleston County, South Carolina.

POLICY POINT 1 – EXISTING NETWORK CAPACITY IS INADEQUATE

This policy requirement is stated below:

> *The need being addressed by the request cannot be adequately satisfied by existing interchanges to the Interstate, and/or local roads and streets in the corridor can neither provide the desired access, nor can they be reasonably improved (such as access control along surface streets, improving traffic control, modifying ramp terminals and intersections, adding turn bays or lengthening storage) to satisfactorily accommodate the design-year traffic demands (23 CFR 625.2(a)).*

As explained in the FHWA's *Interstate System Access Information Guide*, "the intent of the Policy Point 1 is to demonstrate that an access point is needed for regional traffic needs and not to solve the needs associated with local traffic. While the Interstate facility should not be allowed to become part of the local circulation system, it should be maintained as the main regional facility. Improvements to parallel facilities should be considered in lieu of new access wherever feasible."

EXISTING ROADWAY NETWORK

The existing I-26 interchanges and local street network in North Charleston cannot accommodate the traffic demand associated with the Naval Base Terminal (NBT). The existing transportation network within the study area has a north-south orientation with three primary north-south arterials:

- US 78 (King Street / King Street Extension)
- US 52 (Meeting Street / Carner Avenue / Rivers Avenue)
- Spruill Avenue (S 10-32)

The existing road network has a limited number of east-west roads:

- SC 7 (Sam Rittenberg Boulevard / Cosgrove Avenue)
- SC 642 (Dorchester Road)
- Azalea Drive (S 10-894)

The east-west traffic movements are further constrained due to the presence of multiple railroad tracks that crosses through the study area:

- CSX King Street Extension Line, which runs parallel to King Street Extension on the west side
- Norfolk-Southern (NS) Line, which runs parallel to King Street Extension on the east side
- CSX 5 Mile Track ROW, which runs parallel to King Street Extension on the east side of the NS line
- CSX Cooper Yard, which runs parallel to Spruill Avenue on the east side, north of Meeting Street
- Cherry Hill Lane Connector, which runs parallel to Cherry Hill Lane, and crosses Meeting Street
- Seaboard Main, which is out of service, located south of Greenleaf Road and east of the Magnolia Cemetery

Consequently, the existing road network does not provide a direct freeway connection to the NBT.

The only existing access point to the NBT site is along Bainbridge Avenue, a local roadway. Port traffic accessing the NBT from I-26 East would either have to use the existing Cosgrove Avenue interchange and travel via Cosgrove Avenue, Spruill Avenue, Viaduct Road and Bainbridge Avenue, or use the Meeting Street interchange and travel via Meeting Street, Spruill Avenue, Viaduct Road and Bainbridge Avenue. Port traffic accessing the NBT from I-26 West would have to use the existing Spruill Avenue interchange and travel via Spruill Avenue, Viaduct Road and Bainbridge Avenue. All of these access routes require significantly longer travel distance and travel time, and higher number of turning movements at intersections where turning geometry are constrained for commercial vehicles.

In this existing roads scenario, Port-related truck traffic accessing the NBT will need to mix with local traffic, and thereby cause queuing at intersections. The mixing of Port-related truck traffic with local traffic was deemed unsafe as there are several residential neighborhoods along the existing routes. These residential neighborhoods in the study area included the following:

- Chicora
- Howard Heights
- Windsor
- Union Heights
- Rosemont

These communities are historically African American and Environmental Justice (EJ) communities with declining housing and economic conditions. Additional truck traffic from the NBT on local roads were deemed a major impact on these EJ neighborhoods as these communities are seeking revitalization through new residential, retail, commercial, office and park developments[5].

[5] LAMC Area Revitalization Plan, Final Plan, April 16, 2010, Low Country Alliance for Model Communities.

The traffic analysis prepared for the Port EIS[6] demonstrated that NBT traffic would cause several local intersections and ramp junctions along Dorchester Road, Rivers Avenue, Spruill Avenue, Cosgrove Avenue, McMillan Avenue and Meeting Street to fail if the NBT traffic is accommodated via existing interchanges and arterial street network. The analysis revealed that around 12 intersections in the North Charleston study area would experience significant degradation as Level of Service (LOS) would worsen to E and F conditions from D or better. Traffic operations under existing conditions and under the No–Build Alternative in the design year illustrated that access control along surface streets, improving traffic control, modifying ramp terminals and intersections, adding turn bays, or lengthening storage cannot satisfactorily accommodate design-year traffic demands.

The updated traffic analysis also shows that the existing I-26 interchanges have limited reserve capacity. The existing (2009) conditions analysis revealed that I-26 in the vicinity of the interchanges with Dorchester Road, Cosgrove Avenue and Meeting Street are approaching capacity and operate under congested conditions during the peak periods. For example, during the Commuter AM peak hour (7-8 am) with peak traffic heading towards Charleston, I-26 East operates at LOS D as it approaches the Dorchester Road interchange (Exit 215), the SC 7 / Cosgrove Avenue interchange (Exit 216A), the Meeting Street interchange (Exit 217), and the Rutledge Avenue/Heriot Street interchange (Exit 219A). Average speeds within these ramp-diverge segments are approximately 17 percent below the free flow speed. Similarly, during the Commuter PM peak hour (5-6 pm) with peak traffic heading out of Charleston, I-26 West operates at LOS D as it approaches the Dorchester Road interchange (Exit 215). Average speeds are 15 percent below the free flow speed at those ramps-diverge segments.

Therefore, the updated traffic analysis confirm that the existing roadway network is inadequate to accommodate the design year (2035) NBT traffic demand if it is loaded on to I-26 with already busy interchanges and capacity-constrained local roads.

POLICY POINT 2 – REASONABLE ALTERNATIVES HAVE BEEN EVALUATED

This policy requirement is stated below:

> *The need being addressed by the request cannot be adequately satisfied by reasonable transportation system management (such as ramp metering, mass transit, and HOV facilities), geometric design, and alternative improvements to the Interstate without the proposed change(s) in access (23 CFR 625.2(a)).*

The intent of the Policy Point 2 is to demonstrate that a new access point is still needed even after implementation of system management or design improvements to the existing interstate system.

ALTERNATIVES EVALUATED

The proposed Interstate modification project is needed to serve a new container terminal that will have a significant number of truck movements during late morning, noon and early afternoon hours. The Port EIS study selected a Preferred Build Alternative by conducting an

[6] Port FEIS, December 2006, US Army Corps of Engineers, Charleston District (Appendix T, Existing Roadway Traffic Study for North Charleston Study Area).

extensive alternatives analysis[7]. The Preferred Build Alternative represents the most feasible option for meeting the purpose and need of the project. The Preferred Build Alternative was selected after considering numerous interchange designs and alternate roadway alignments providing direct access to either I-26 or I-526. The development of design alternatives was an iterative process that involved detailed engineering, planning, and environmental analysis as well as extensive public and stakeholder inputs. All alternatives went through extensive review and comment by stakeholders, refinement and revision. These alternatives screening process have been documented in Appendix M of the Port EIS (Summary of the Alternatives Screening Process).

The alternative analysis process considered minimizing impacts on the traffic operations along I-26. For example, the Meeting Street ramps were retained at their current locations, but were combined with the Port Access Road ramps in a Collector-Distributor Road prior to the connection with I-26. This C-D roadway will create single exit and entry points to I-26. The proposed access modification will replace the Spruill Avenue ramps, thereby minimizing the number of new access points with I-26. The access to Spruill Avenue is maintained through the Port Access Road with connections using Stromboli Avenue and the constructed Bainbridge Connector road. The interchange modification will create a design that accommodates a future eight lane section on I-26. South Carolina Department of Transportation (SCDOT) has developed right-of-way plans for the interchange modification. The design represents a significant design improvement compared to existing conditions as it eliminates a substandard half-interchange (Spruill Avenue ramps) and replaces it with a new full-movement interchange connected with a new access road that provides grade separation over several railroad tracks and north-south roads (King Street Extension, Meeting Street and Spruill Avenue).

During the Port EIS study, numerous geometric designs and alternate alignments were considered for the proposed interchange (see Table 6-1 for a summary). The evaluation process is documented in detail in the Appendix W of the Port EIS (Access Road Feasibility Study and Supplemental Report). The Port EIS study determined that the Preferred Alternative (#1D) is the most feasible and reasonable option for meeting the purpose and need of the project.

[7] Port FEIS, December 2006, US Army Corps of Engineers, Charleston District (Appendix W, Access Roadway Feasibility Study & Supplemental Report)

TABLE 6-1 BUILD ALTERNATIVES EVALUATED IN THE PORT EIS

Alt. #	Alternative Description	Evaluation Results & Decisions
A	New high design speed access road (1.1 mile) parallel to Pittsburg Avenue and connecting to I-26 with a new interchange just south of current Exit 218 and replacing the ramps at Exits 217 and 218	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 1a. The DEIS further refined Alternative 1a. In addition, a derivative Alternative 1c was developed with an alternate interchange design. Alternative 1c was selected as the best alternative during the DEIS. The Alternative 1c was further refined into Alternative 1d during the FEIS, which was selected as the Preferred Build Alternative.
B	Similar to Alternative A, with the exception of the curved alignment to avoid crossing the Copper Yard property	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 1b and further refined.
C	Similar to Alternative A, with the exception of roadway alignment and interchange location. The roadway alignment has been pushed to the north parallel to the Spruill Avenue ramps. The new interchange was placed in between the current Exits 217 and 218.	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 2 and further refined.
D	Similar to Alternative A, with the exception of roadway alignment and interchange location. The roadway alignment has been pushed to further north parallel to Boxwood Avenue. The new interchange was placed in near Exit 217.	Community Impacts deemed a fatal flaw. Dropped from further consideration.
E	Similar to Alternative A, with the exception of roadway alignment and interchange location. The roadway alignment has been pushed to further north parallel to Stromboli Avenue. The new interchange was placed north of Exit 217.	Passed Fatal Flaw analysis. Passed Conceptual Alternatives Screening. Carried forward in the DEIS as Alternative 3 and further refined.
F1	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-26 interchange at SC 7. The alternative assumed minor interchange improvement at SC 7.	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.
F2	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-26 interchange at Dorchester Road via Cosgrove Avenue. The alternative assumed minor interchange improvement at Dorchester Road.	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.
G	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526 interchange at Rivers Avenue. The alternative assumed minor interchange improvement at Rivers Avenue.	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.
H	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526 interchange at Rhett Avenue. The alternative assumed minor interchange improvement at Rhett Avenue.	Community and Environmental Impacts deemed as fatal flaws. Dropped from further consideration.
I1	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526	Passed Fatal Flaw analysis. Failed Conceptual Alternatives Screening.

Alt. #	Alternative Description	Evaluation Results & Decisions
	interchange at Rhett Avenue via North Carolina Avenue, Noisette Boulevard, Virginia Avenue, and a new connector road paralle to the railroad tracks. The alternative assumed minor interchange improvement at Rhett Avenue.	
I2	Arterial access road, first connecting to existing Spruill Avenue and then connecting to the existing I-526 interchange at Virginia Avenue via North Carolina Avenue, Noisette Boulevard, and Virginia Avenue. The alternative assumed minor interchange improvement at Virginia Avenue.	Environmental Impacts surrounding a full movement interchange deemed a fatal flaw. Dropped from further consideration.

TSM Improvements

A prior study by SCDOT[8] evaluated the feasibility of implementing ramp metering along I-26 and at the proposed new interchange. This study concluded that ramp metering will have marginal benefit to the operations of I-26. In addition, ramp metering implementation at the proposed Port Access Road interchange would require increasing the storage length at the entry ramps due to the number of truck volumes, which could not be accommodated without revising the current interchange design. In the future, Transportation System Management (TSM) and Intelligent Transportation System (ITS) measures could be implemented as part of a broader I-26 corridor strategy, but would require regional coordination and policy development.

Overall, the TSM alternative was viewed inadequate as a stand-alone alternative. While TSM improvements such as intersection turn lanes, upgrading or coordinating traffic signals, and additional bus services could improve traffic operations , they were deemed either inadequate or a partial solution to address the purpose and need of this project. Therefore the TSM alternative was eliminated in the Port EIS as a viable stand-alone alternative.

HOV, Transit & Multi-Modal Improvements

A prior study by SCDOT[9] evaluated the feasibility of implementing High Occupancy Vehicle (HOV) and High Occupancy Toll (HOT) lanes along I-26 in the greater Charleston region. This study concluded the following:

"Because of existing capacity and design constraints in the corridor and lack of sufficient modal options necessary to facilitate a change in travel behavior, conversion of an existing general purpose lane for either HOV or HOT lane use is not supported by the analysis at this time. This finding is supported by analyzing the potential impact on traffic conditions in the remaining general purpose lanes, and the lack of sufficient transit service and ridesharing infrastructure needed to minimize that impact. Based on the assumptions and analyses outlined in this report, construction of a new HOV/HOT lane fully funded through variable tolling does not appear to be

[8] Interstate 26 Traffic Analysis Review (Ramp Metering Study), Prepared for SCDOT by CDM Smith, August 3, 2009.
[9] Analysis of the I-26 Corridor for the Introduction of HOV/HOT Lanes, Berkeley – Charleston – Dorchester Region, Prepared by SCDOT Office of Planning, November, 2008.

viable at this time due to the level of HOT lane usage necessary to satisfy annualized debt service."

While HOV and HOT lane options is not feasible in the current conditions, it is likely to be explored more as funding becomes scarce to build general purpose lanes and when I-26 is targeted for additional capacity expansion.

POLICY POINT 3 –NO SIGNIFICANT ADVERSE IMPACTS TO INTERSTATE SAFETY & OPERATION

This policy requirement is stated below:

An operational and safety analysis has concluded that the proposed change in access does not have a significant adverse impact on the safety and operation of the Interstate facility (which includes mainline lanes, existing, new, or modified ramps, ramp intersections with crossroad) or on the local street network based on both the current and the planned future traffic projections. The analysis shall, particularly in urbanized areas, include at least the first adjacent existing or proposed interchange on either side of the proposed change in access (23 CFR 625.2(a), 655.603(d) and 771.111(f)). The crossroads and the local street network, to at least the first major intersection on either side of the proposed change in access, shall be included in this analysis to the extent necessary to fully evaluate the safety and operational impacts that the proposed change in access and other transportation improvements may have on the local street network (23 CFR 625.2(a) and 655.603(d)). Requests for a proposed change in access must include a description and assessment of the impacts and ability of the proposed changes to safely and efficiently collect, distribute and accommodate traffic on the Interstate facility, ramps, intersection of ramps with crossroad, and local street network (23 CFR 625.2(a) and 655.603(d)). Each request must also include a conceptual plan of the type and location of the signs proposed to support each design alternative (23 U.S.C. 109(d) and 23 CFR 655.603(d)).

The intent of the Policy Point 3 is to require detailed operational and safety analysis of the relevant interstate segments and provide a comparison of the no-build and build conditions that are anticipated to occur through the design year of the project.

INTERSTATE OPERATION AND SAFETY

The current IMR study analyzed I-26 operations for four peak hours to explore the full range of likely impacts due to the added traffic from the Naval Base Terminal (NBT). The analysis utilized HCS-2010 and CORSIM simulation models. The analysis results have been summarized in section 5 of this report. Analysis of the Build Alternative illustrates that the project would not have any significant negative impact on the safety and the operation of the facilities within the project area. The I-26 mainline operation would maintain LOS E or better during all four peak hours analyzed, with traffic from the NBT. The new merge/diverge areas along I-26 would also maintain LOS E or better during all four peak hours analyzed, with the NBT traffic. The existing weave areas at the Cosgrove Avenue interchange would also maintain LOS E or better during all four peak hours analyzed, with NBT traffic. In other words, the analysis revealed no LOS F operations in any of the study area segments. This was further confirmed through CORSIM simulation that

there are no breakdowns in traffic flow conditions along I-26 during the Commuter AM and PM peak hours.[10]

Because of the direct access roadway that connects the Port's NBT with I-26, truck traffic from the Port is anticipated to stay away from local roads and away from already congested interchanges in the study area such as the Cosgrove Avenue and Dorchester Road.

By replacing the substandard ramps at Spruill Avenue, the proposed new I-26 interchange with Port Access Road provides for higher design standards, and thus the new interchange is anticipated to contribute in improving traffic safety.

By combining the new Port Access Road interchange ramps with the Meeting Street ramps with a C-D road, the project would avoid two merge or diverge areas in close proximity. Thus, the new interchange design would provide auxiliary and acceleration/deceleration lanes for safer movement onto and off of the freeway. The new interchange design would avoid unsafe conditions such as weaving maneuvers.

The interchange design kept the provision of an additional travel lane in each direction along I-26 in the future. This design provision would enhance the operational efficiency of the corridor, thereby increasing capacity and improving levels of service in the long term.

Policy Point 4 – Connects to a Public Road and Provide All Movements

This policy requirement is stated below:

The proposed access connects to a public road only and will provide for all traffic movements. Less than "full interchanges" may be considered on a case-by-case basis for applications requiring special access for managed lanes (e.g., transit, HOVs, HOT lanes) or park and ride lots. The proposed access will be designed to meet or exceed current standards (23 CFR 625.2(a), 625.4(a)(2), and 655.603(d)).

The intent of the Policy Point 4 is to require implementation of an interchange design for the new access that allows for all relevant movements for general purpose traffic, whenever feasible.

Interchange Movements

The existing I-26 interchange at Spruill Avenue is a half-interchange that provides movements only to and from Charlestion. The proposed new interchange will replace the Spruill Avenue ramps, and build a fully directional interchange with the Port Access Road. The Port Access Road

[10] It should be noted that the traffic analysis was conducted under current year (2009) and future year (2035) traffic conditions, and included I 26 mainline and all interchanges within the project limits, as well as the adjacent interchange beyond either end of the project limits. Since the Port FEIS was completed in 2007, economic recession have impacted traffic patterns and show reduction in base year traffic counts as well as drop in future growth projections along the corridor. This drop in traffic volumes, combined with separation of Port traffic into multiple peak hours, and better field conditions resulted in better traffic operations along the corridor than what was reported during the Port EIS.

will be designed and built as a four-lane controlled-access facility and maintained by the SCDOT. The conceptual design plan for the new roadway and the interchange is provided in Appendix A. The design of the Port Access Road reflects AASHTO policy guidance for ramp design in urban areas and no design exceptions are expected for the interchange improvements.

The new interchange will significantly improve access to the industrial Neck area as it allows for: 1) I-26 movements to/from Columbia, 2) I-26 movements to/from Charleston, and 3) local access to Spruill Avenue, Bainbridge Avenue, future MacAlloy site development, and Cooper River Marina (via Tidewater Road).

POLICY POINT 5 – COMPATIBLE WITH LOCAL & REGIONAL PLANS

This policy requirement is stated below:

The proposal considers and is consistent with local and regional land use and transportation plans. Prior to receiving final approval, all requests for new or revised access must be included in an adopted Metropolitan Transportation Plan, in the adopted Statewide or Metropolitan Transportation Improvement Program (STIP or TIP), and the Congestion Management Process within transportation management areas, as appropriate, and as specified in 23 CFR part 450, and the transportation conformity requirements of 40 CFR parts 51 and 93.

The intent of the Policy Point 5 is to ensure consistency of the access request with local and regional plans.

LOCAL AND REGIONAL PLAN COMPATIBILITY

The Port Access Road and the new interchange with I-26 is part of the region's transportation plan. It is currently included in the Berkeley-Charleston-Dorchester Council of Governments (BCDCOG)'s Charleston Area Transportation Study (CHATS) Transportation Improvement Program (TIP) FY 2010-2015, as a SAFETEA-LU Earmark Project (SAFETEA-LU #4872).

The Navy Base Terminal and the Port Access Road is an important freight mobility element of the BCDCOG's 2035 CHATS Long Range Transportation Plan (LRTP). The Port Access Road project supports the LRTP goal to provide efficient, safe, and secure freight transportation facilities to ensure the region's future economic stability.

The Port Access Road is currently included in the South Carolina Statewide Transportation Improvement Program (STIP)[11], which is the State's six-year transportation improvement program for all projects or program areas receiving federal funding. The STIP covers all federally funded improvements for which funding has been approved and that are expected to be undertaken during the upcoming six-year period.

The project is also part of the City of North Charleston's Comprehensive Plan Update[12]. The project also supports the City's transportation safety goals to reduce trucks, commuter, and cut-through traffic on residential streets.

[11] STIP, District 6, Charleston County, Revision 29, February 16, 2012.
[12] North Charleston Comprehensive Plan Update, 2008, Chapter 8 Transportation.

Overall, the project is a major project in the Charleston region that not only supports the region's and state's economic development goals, but also supports local community revitalization goals in North Charleston.

POLICY POINT 6 – NETWORK STUDY FOR CUMULATIVE EFFECTS

This policy requirement is stated below:

In corridors where the potential exists for future multiple interchange additions, a comprehensive corridor or network study must accompany all requests for new or revised access with recommendations that address all of the proposed and desired access changes within the context of a longer-range system or network plan (23 U.S.C. 109(d), 23 CFR 625.2(a), 655.603(d), and 771.111).

The intent of the Policy Point 6 is to ensure coordinated network study and evaluation of cumulative effects for those cases when multiple new access requests are involved within the same vicinity.

NETWORK EVALUATION

As part of the Access Road Feasibility Study and the Port EIS study, the impacts of the Navy Base Terminal were analyzed on multiple tiers of study area networks. During the initial stages of the Port EIS when roadway alignment alternatives were at the preliminary stage, the Tier 1 study area included evaluation of I-26, I-526, and all major arterial corridors within the influence area of the Navy Base Terminal. When the access roadway alignment option was finalized to Alternative 1D configuration, a more focused Tier 2 windowed study area was defined to prepare detailed capacity and freeway operations analysis for the EIS alternatives. In the current IMR study, a further windowed Tier 3 study area was defined to explore freeway merge/diverge issues and queuing at different time of day related to Commuter peak hours and Port peak hours. The Tier 3 study area allowed detailed simulation analysis of the immediate influence area interchanges, where operations can be observed in detail and directly compared to No-Build conditions.

The capacity and simulation analysis prepared for the IMR study confirms that the cumulative traffic impacts due to the Naval Base Terminal would cause mainline operations to worsen slightly from LOS D to LOS E conditions within the immediate influence area of the new interchange. However, the flow and average travel speed conditions would remain at acceptable level and traffic density is anticipated to remain below jam density so as not to cause any significant queuing.

POLICY POINT 7- STAKEHOLDER COORDINATION & AGREEMENTS

This policy requirement is stated below:

When a new or revised access point is due to a new, expanded, or substantial change in current or planned future development or land use, requests must demonstrate appropriate coordination has occurred between the development and any proposed transportation system improvements (23 CFR 625.2(a) and 655.603(d)). The request must describe the commitments agreed upon to

assure adequate collection and dispersion of the traffic resulting from the development with the adjoining local street network and Interstate access point (23 CFR 625.2(a) and 655.603(d)).

The intent of the Policy Point 7 is to ensure coordination and cooperation with relevant stakeholders when the need for interchange is primarily due to new developments.

STAKEHOLDER COORDINATION

During the Port EIS study, extensive stakeholder coordination was carried out in order to ensure that the proposed Port Access Road not only works for the Port, but also for local communities and businesses. The stakeholder coordination process resulted in providing a half-diamond interchange along the Port Access Road with connections to Spruill Avenue for residential communities, to Bainbridge Avenue for the Federal Law Enforcement Training Center (FLETC) and Veterans Terminal, to Tidewater Road for accessing the Cooper River Marina, and to the future MacAlloy development site.

The stakeholder coordination process ensured that the proposed access modifications can adequately accommodate traffic associated with the proposed growth in the Department of Homeland Security (DHS) facilities along Bainbridge Avenue, and the shifts in Port operations to the Veterans terminal.

Currently, the South Carolina Department of Transportation (SCDOT) is managing the Port Access Road project on behalf of the South Carolina State Ports Authority (SCSPA) through an intergovernmental agreement. The project has already received partial funding from the South Carolina General Assembly for construction of the Port Access Road within the next 6 years. The project is currently being considered for a design-build type construction project for expedited implementation and cost savings. SCDOT is currently in the process of moving this interchange and roadway project with necessary permits and right-of-way acquisition.

POLICY POINT 8 – COMPLIANCE WITH NEPA PROCESS

This policy requirement is stated below:

The proposal can be expected to be included as an alternative in the required environmental evaluation, review and processing. The proposal should include supporting information and current status of the environmental processing (23 CFR 771.111).

The intent of the Policy Point 8 is to ensure that the National Environmental Policy Act (NEPA) process is completed for environmental evaluation.

NEPA COMPLIANCE

A Final Environmental Impact Statement (FEIS) was issued in 2006 and a Record of Decision (ROD) on the Navy Base Terminal and the Port Access Road alignment was reached in 2007. The current Preferred Alternative design was included in the FEIS as Alternative 1D.

The Phase 1 of the Navy Base Terminal is currently under construction, which is scheduled for completion in 2018.

APPENDIX – A: PREFERRED ALTERNATIVE DESIGN PLAN

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006

RAMP H
RAMP G
KING ST. EXT.
ADAMS ST.
ECHO AVE.
BUCHANAN ST.
FORREST AVE.
COSMOPOLITAN ST.
GROVELAND AVE.
HUGO AVE.
IRVING AVE.
SPRUILL AVE.
JOPPA AVE.
KINGSWORTH AVE.
MEETING ST.
MAIN LINE 1D
-N-
RAMP D
RAMP A
RAMP C
RAMP B
AUSTIN AVE.
TUXBURY LN.
PITTSBURGH AVE.
MEETING ST.
CHERRY HILL LN.
PEACE ST.
DISCHER ST.
DELANO AVE.
BIRDIE GARRETT ST.
DOSCHER AVE.
SUMMERVILLE AVE.
KING ST. EXT.
ODESSA ST.
PEONIE AVE.

PLANS PREPARED BY:

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803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

I-26 INTERCHANGE LAYOUT
ALIGNMENT 1D

SCALE 1"= 400' SHEET NO. 5

$$user$$
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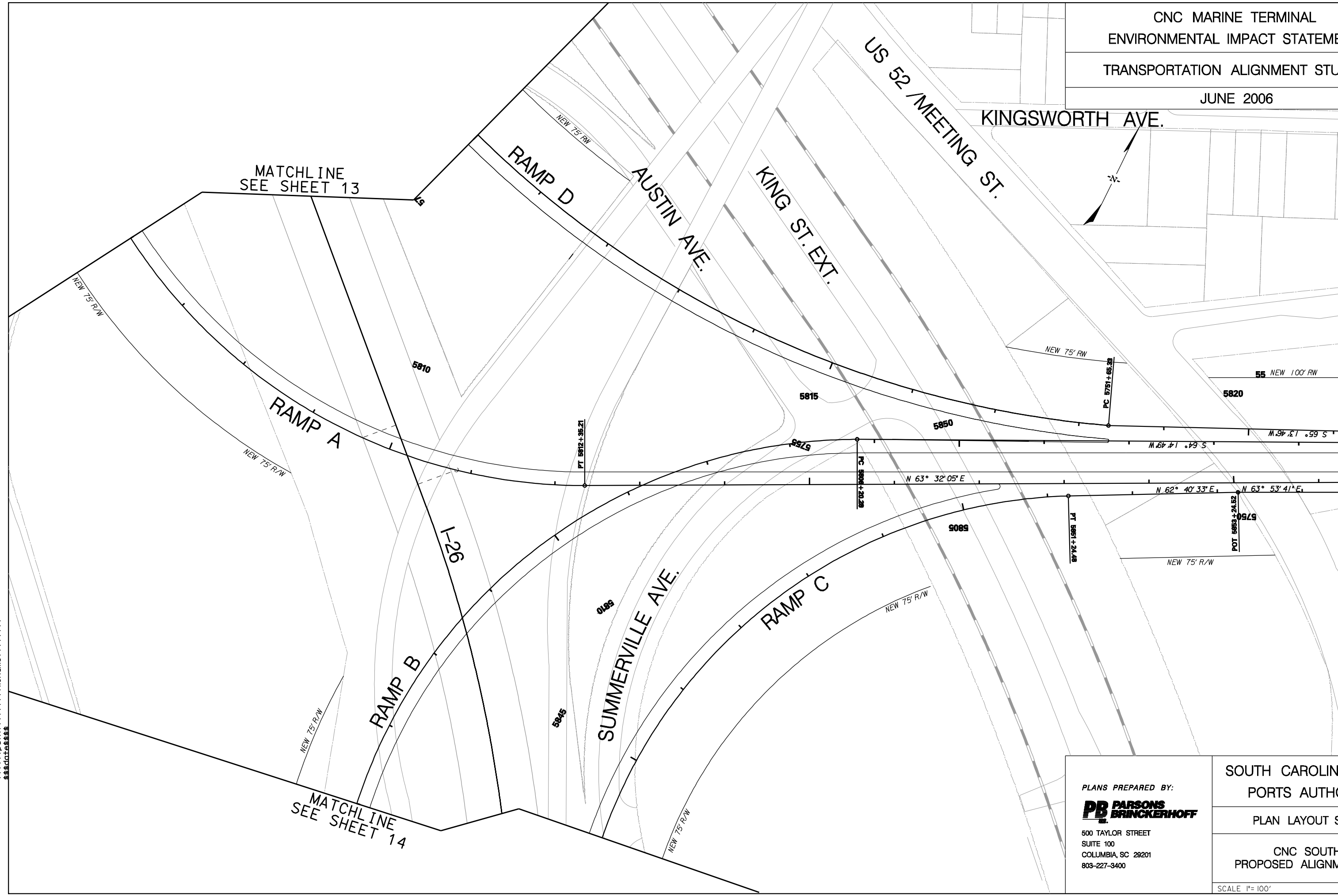
CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 6

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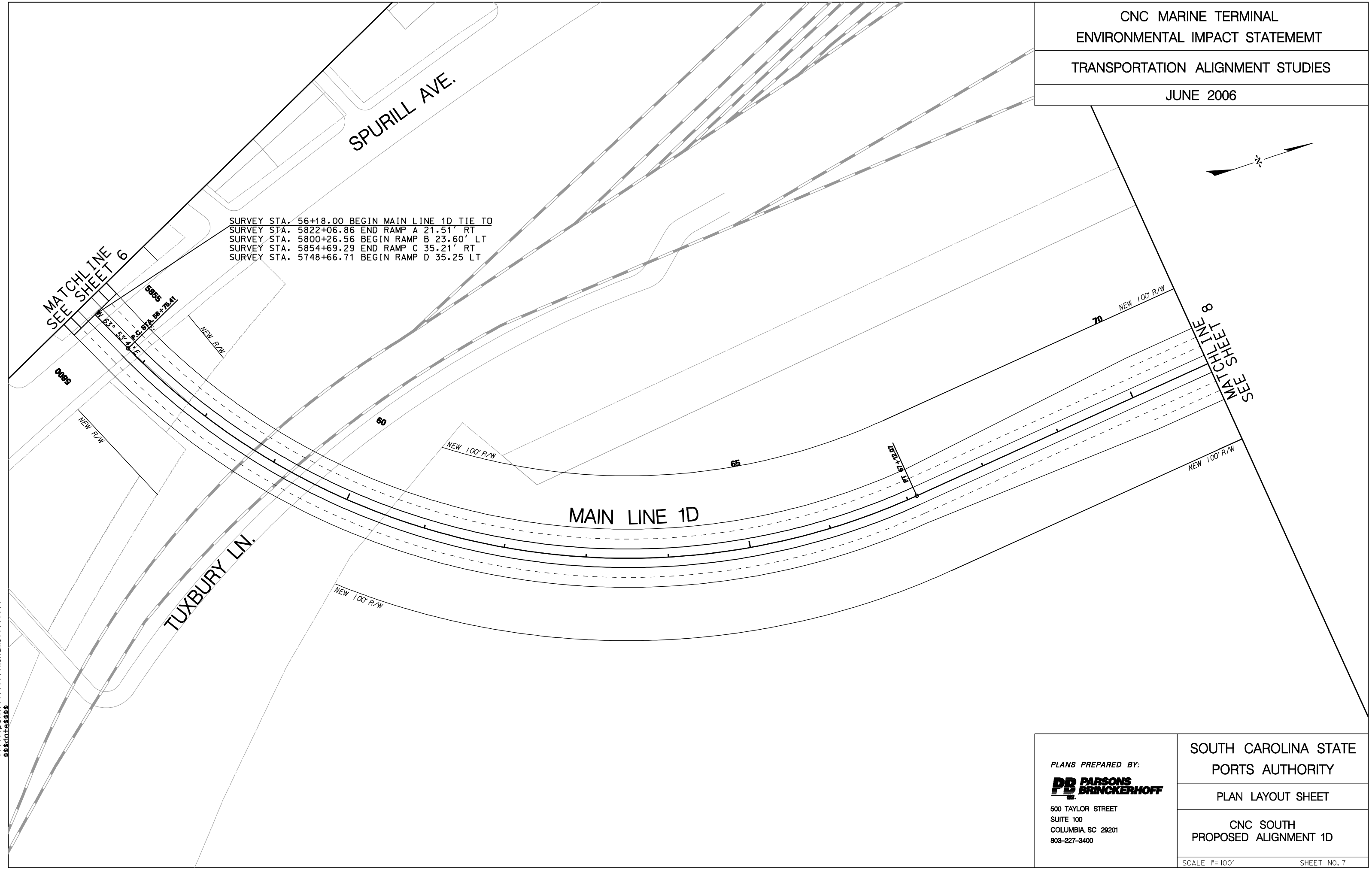
CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 7

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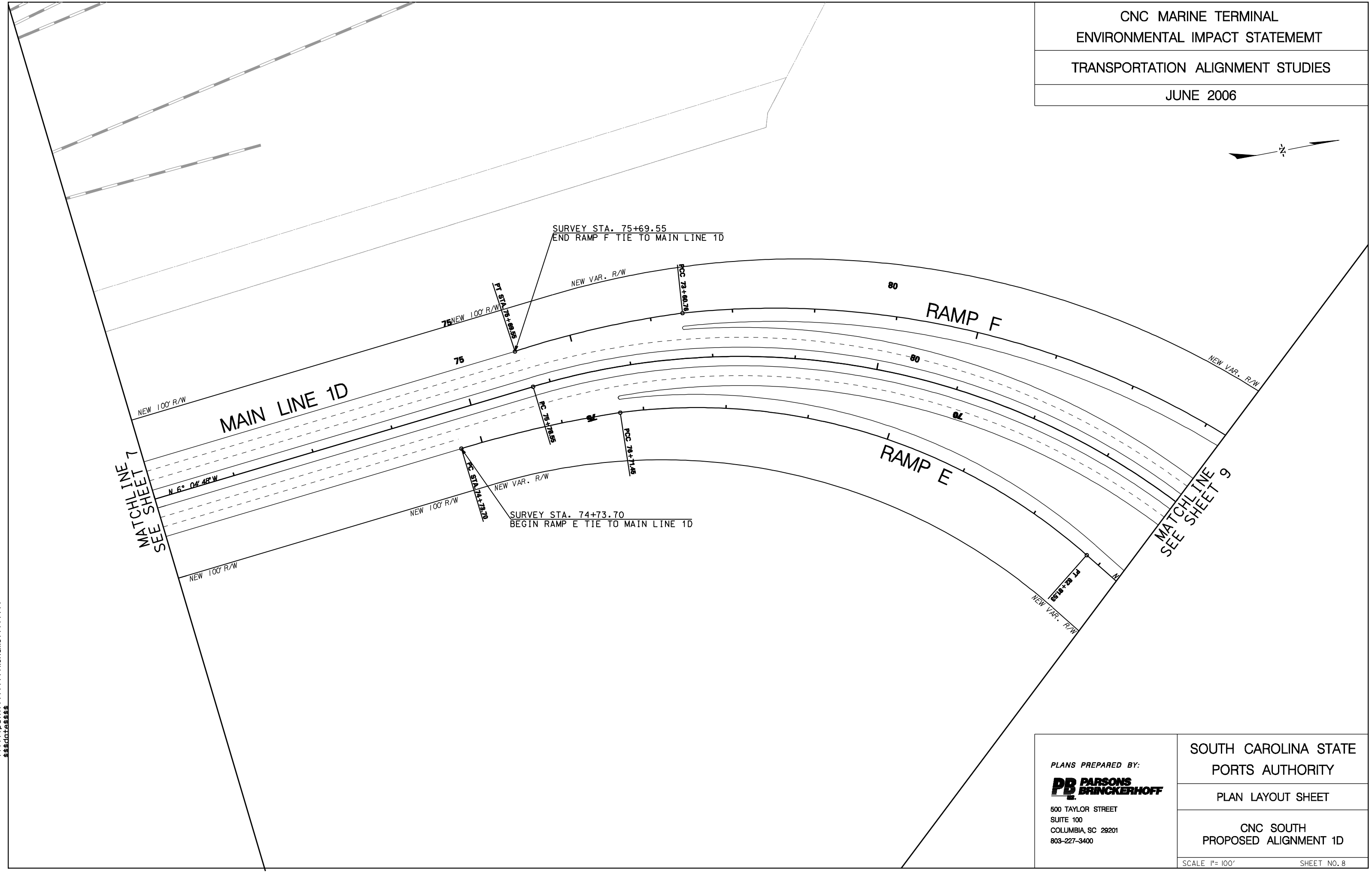
CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 8

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006

MATCHLINE SEE SHEET 16

NEW LOCAL ACCESS RD.

TIDEWATER RD.

SURVEY STA. 64+56.27
BEGIN RAMP F TIE TO
LOCAL ACCESS ROAD

RAMP F

MAIN LINE 1D

MATCHLINE SEE SHEET 10

MATCHLINE SEE SHEET 8

TIDEWATER RD. ACCESS

RAMP E

SURVEY STA. 85+38.89
END RAMP E TIE TO
LOCAL ACCESS ROAD

TIDEWATER RD. ACCESS

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SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 9

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CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006

HOLLAND ST.

SURVEY STA. 100+00.00
END MAIN LINE 1D

NEW 100' R/W

100

POT STA. 100+00.00

MAIN LINE 1D

MATCHLINE
SEE SHEET 9

NEW 100' R/W

NEW CNC TERMINAL FACILITY

TIDEWATER
RD. ACCESS

EMPLOYEE ENTRANCE

20

NEW 33' R/W

S 72° 20' 37" E

NEW 33' R/W

POT 21+84.20

$$user$$
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$$$$date$$$$$

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PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 10

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006

AZALEA DR.

N

NEW 75' R/W

NEW 75' R/W

SURVEY STA. 5767+64.21
END RAMP H TIE TO I-26

POT 5767+64.21

RAMP H

N 47° 45' 20"W

5770

I-26

5775

5760

MATCHLINE
SEE SHEET 12

POT 5768+33.78

5765

PC 5771+98.28

S 41° 44' 42"E

SURVEY STA. 5768+33.78
BEGIN RAMP A & G TIE TO I-26

POT 5768+33.78

RAMP A & G

NEW 75' R/W

NEW 75' R/W

BAKER HOSPITAL BLVD.

$$user$$
$$$$$$path$$$$$$$$$$filename$$$$$$$$
$$$$date$$$$

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SUITE 100
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803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

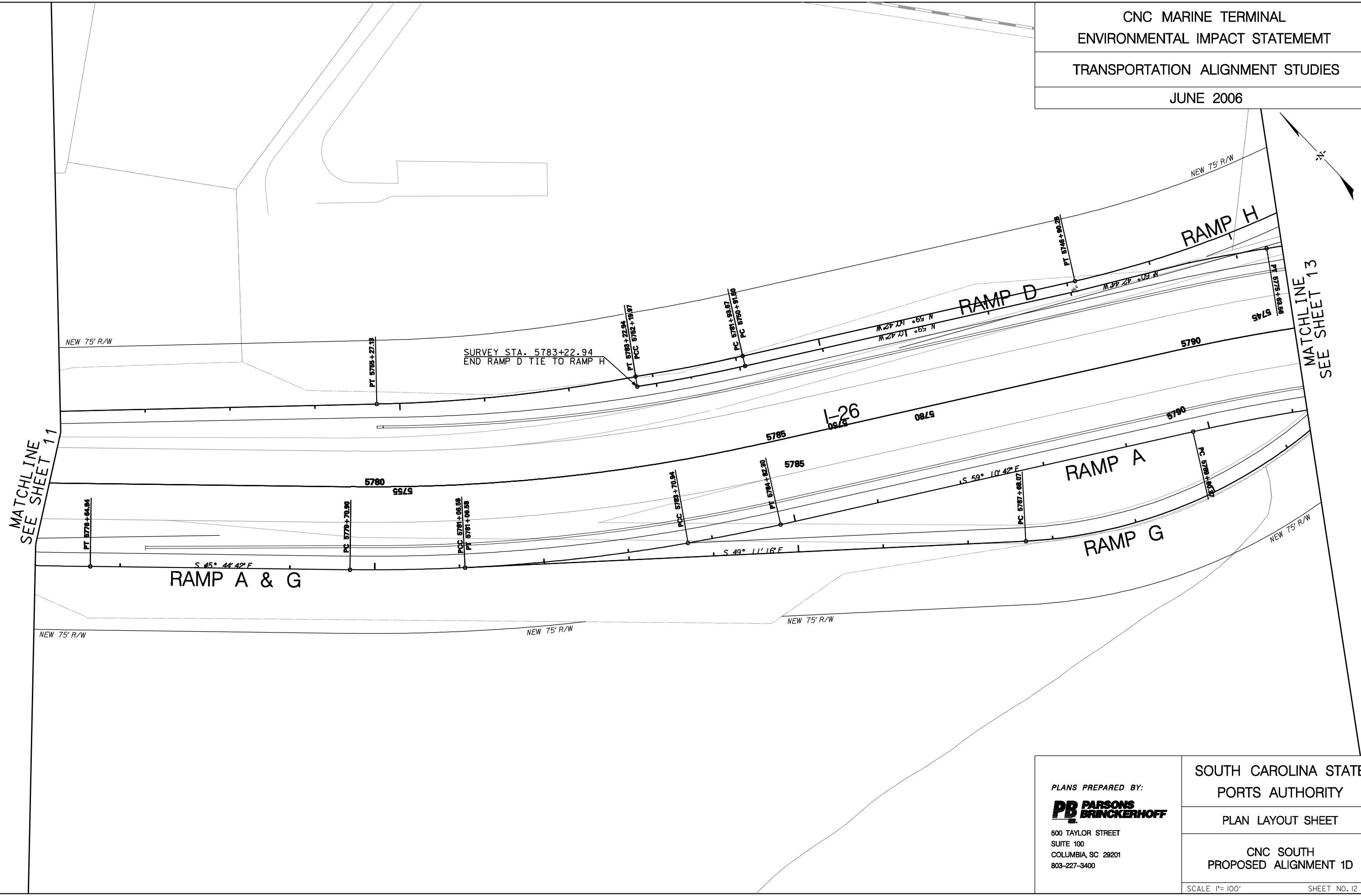
SCALE 1"= 100'

SHEET NO. 11

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

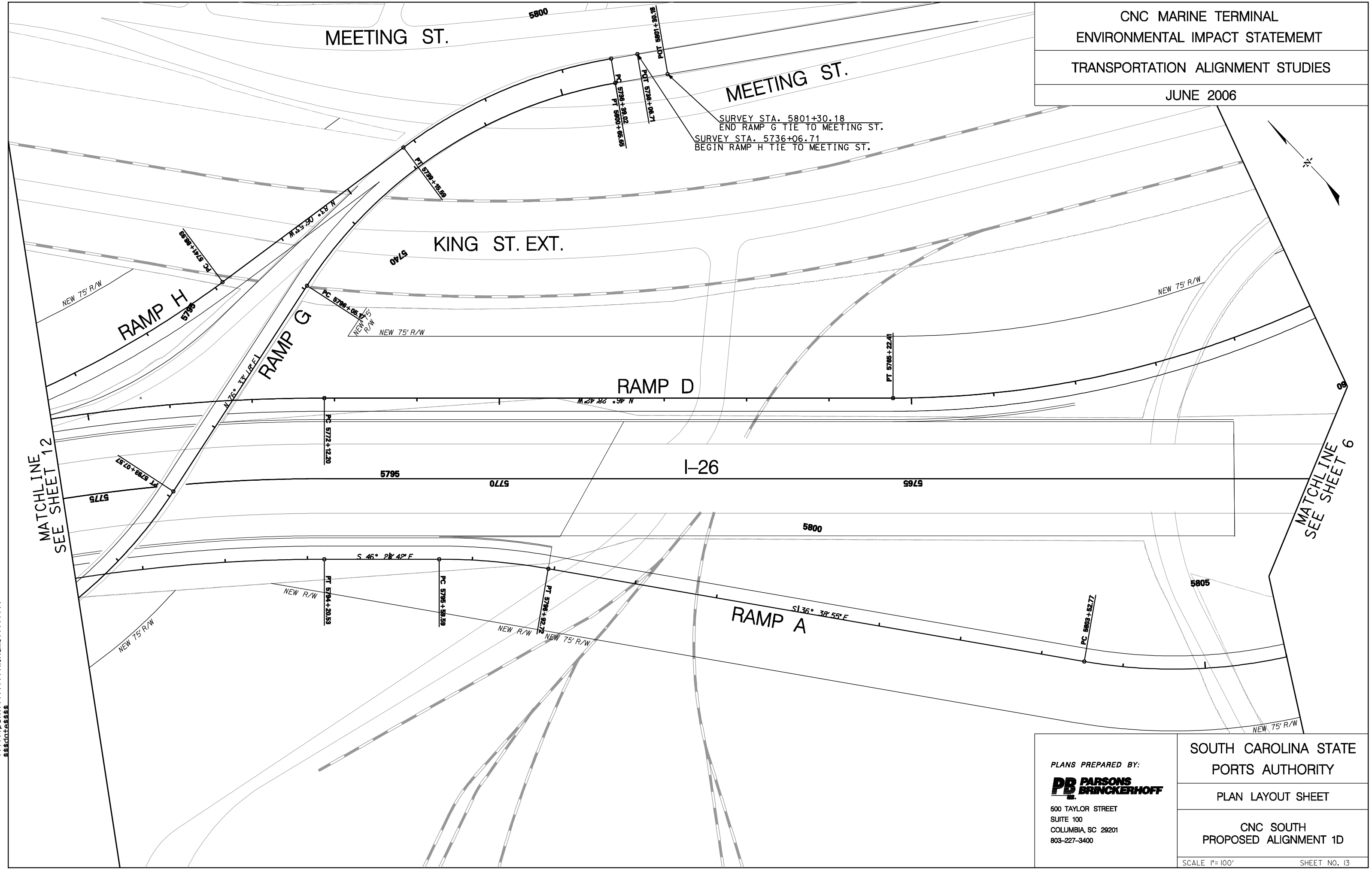
SCALE 1"= 100'

SHEET NO. 12

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 13

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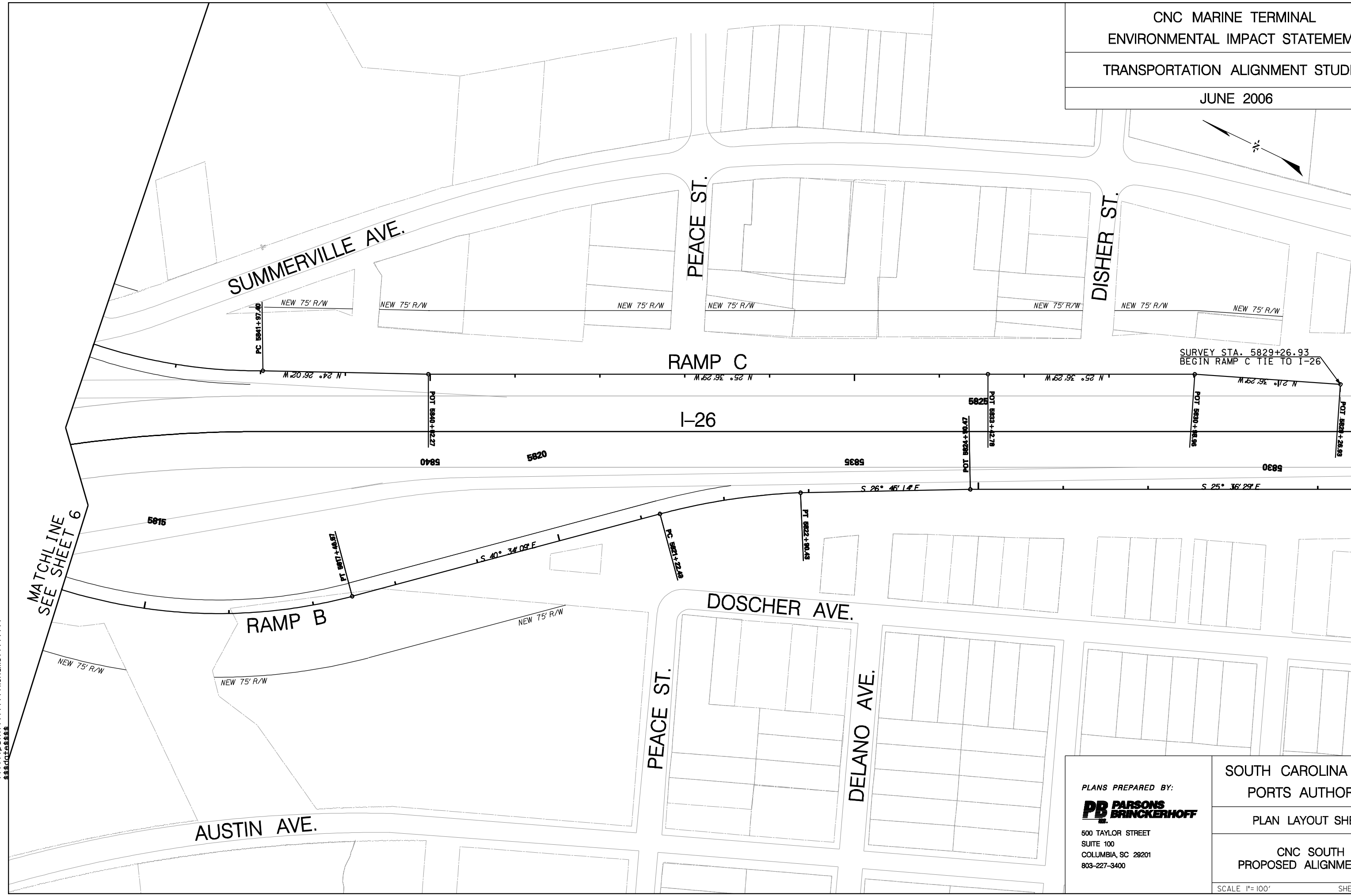
CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



PLANS PREPARED BY:

PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 14

$$user$$
$$$$$path$$$$$$$$filename$$$$$$$$
$$$date$$$$

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006

KING ST. EXT.

SUMMERVILLE AVE.

OCEANIC ST.

MATCHLINE
SEE SHEET 14

5830

I–26

POT 5830+99.88

POT 5833+88.09

S 27° 58' 11" E

RAMP B

SURVEY STA. 5833+88.09
END RAMP B TIE TO I–26

HAGOOD ST.

DOSCHER AVE.

PEONIE AVE.

$$user$$
$$$$$$path$$$$$$$$$$filename$$$$$$$$
$$$$date$$$$

PLANS PREPARED BY:

PB PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

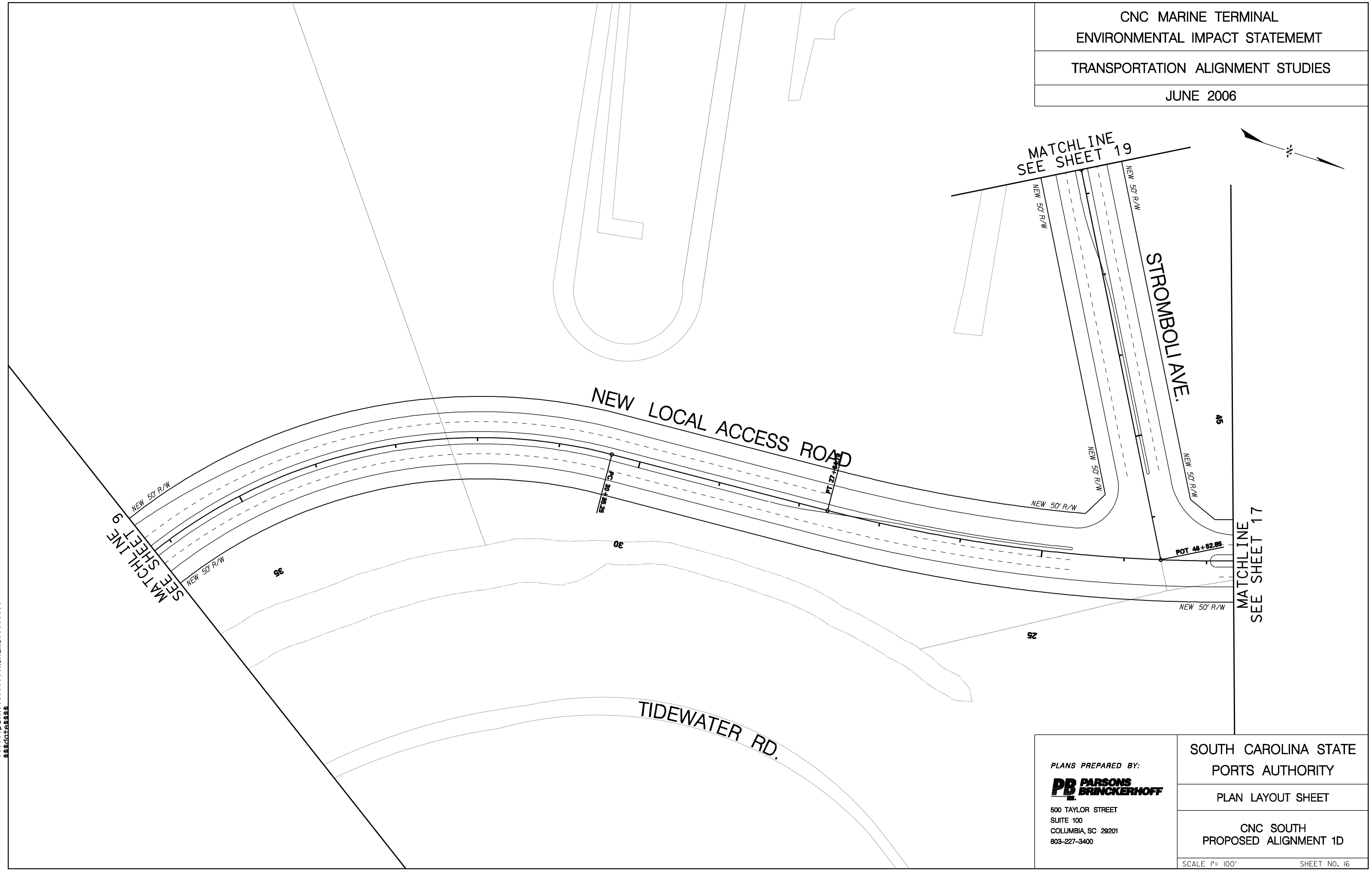
SCALE 1"= 100'

SHEET NO. 15

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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PLANS PREPARED BY:

PB PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

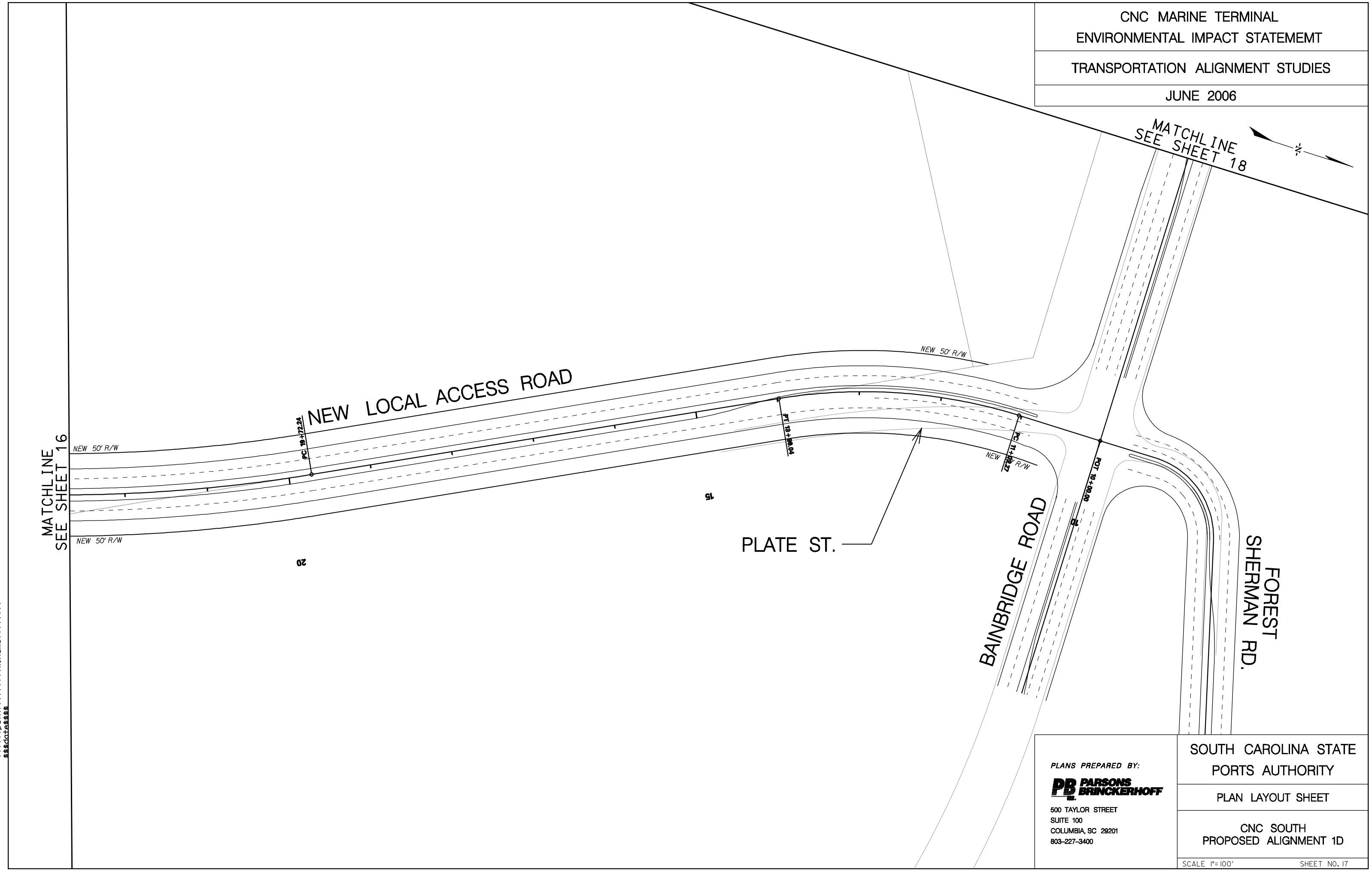
SCALE 1"= 100'

SHEET NO. 16

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



PLANS PREPARED BY:

PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"=100'

SHEET NO. 17

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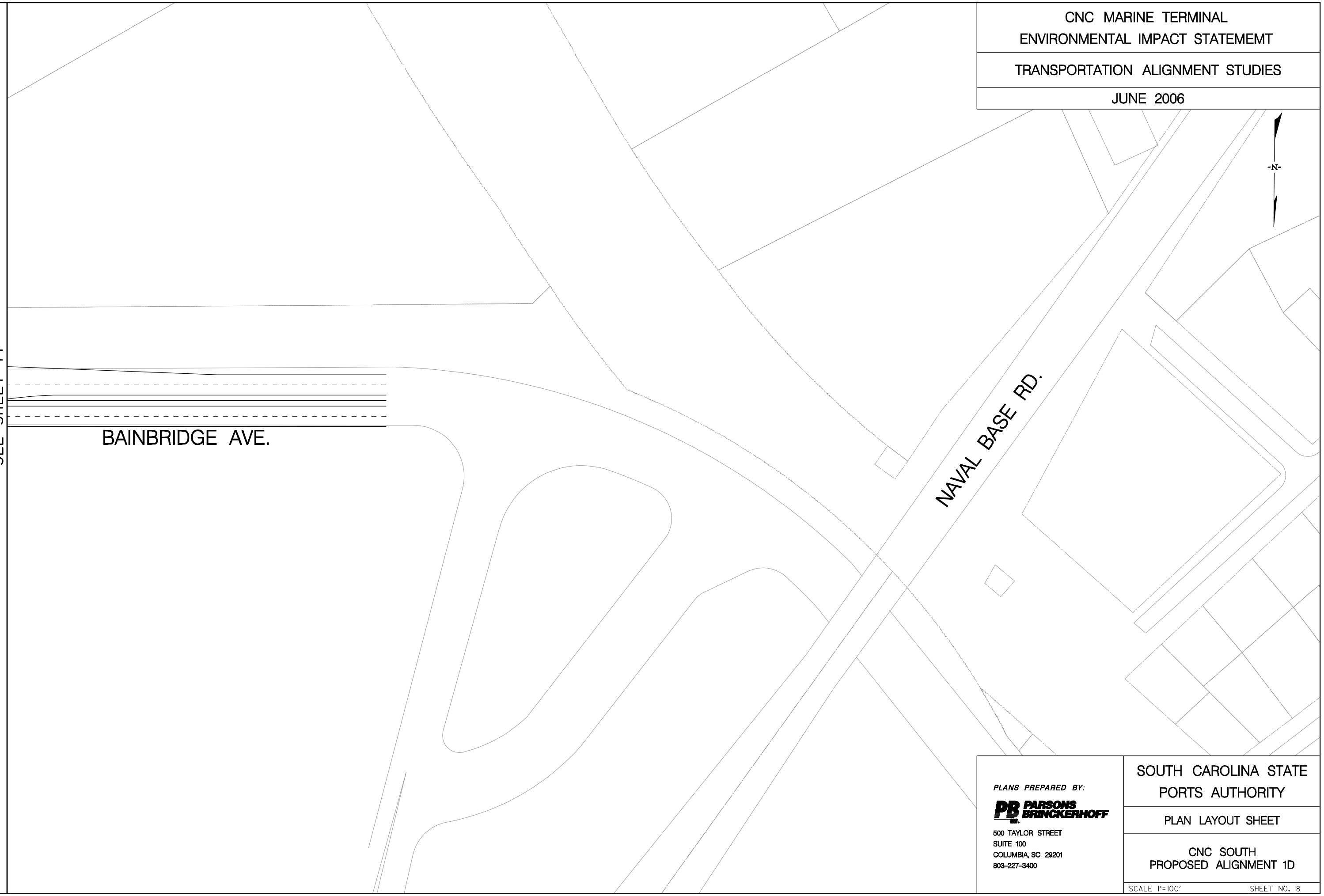
CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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$$$$date$$$$

PLANS PREPARED BY:

PB PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

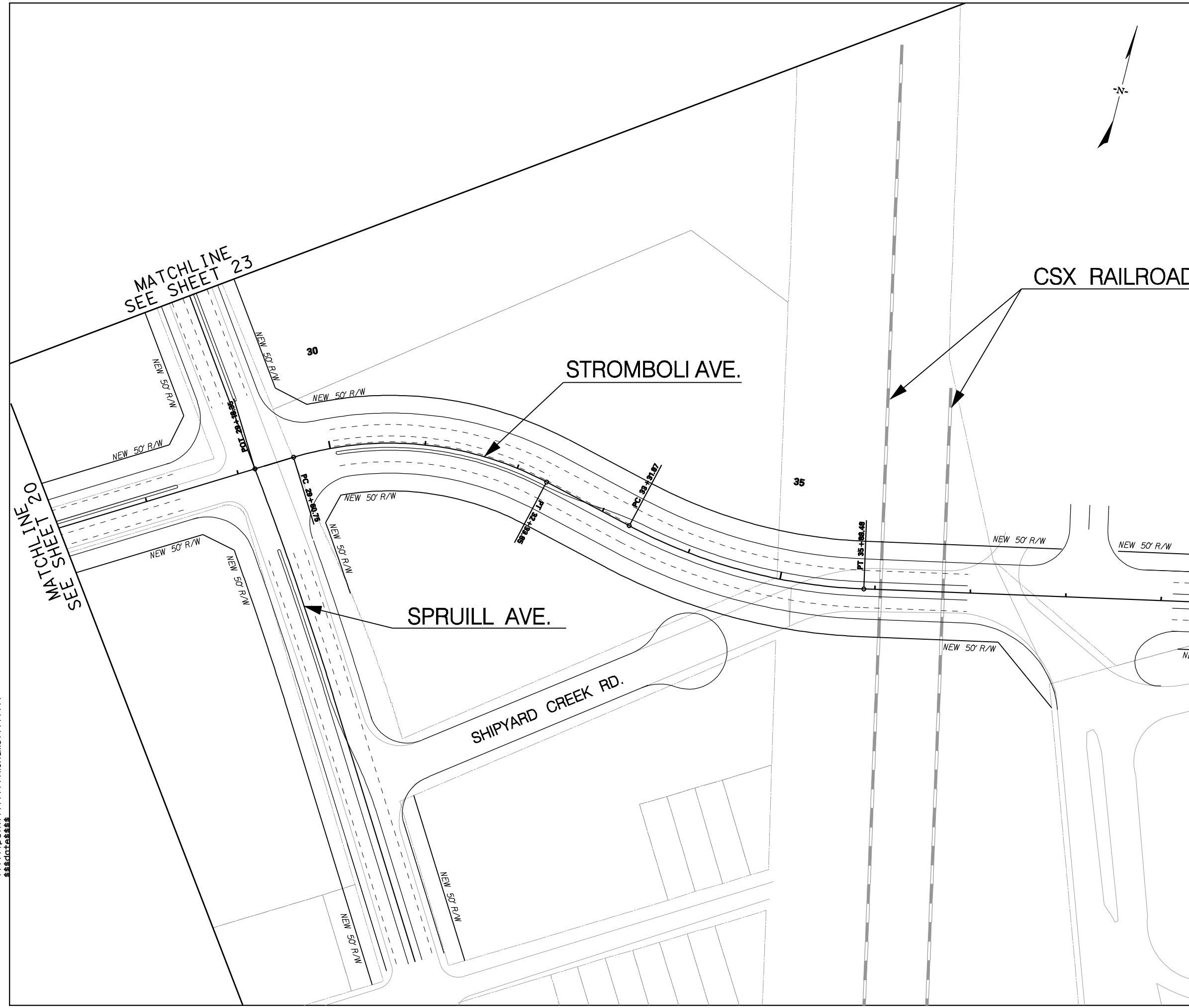
CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"=100' SHEET NO. 18

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



PLANS PREPARED BY:

PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"=100'

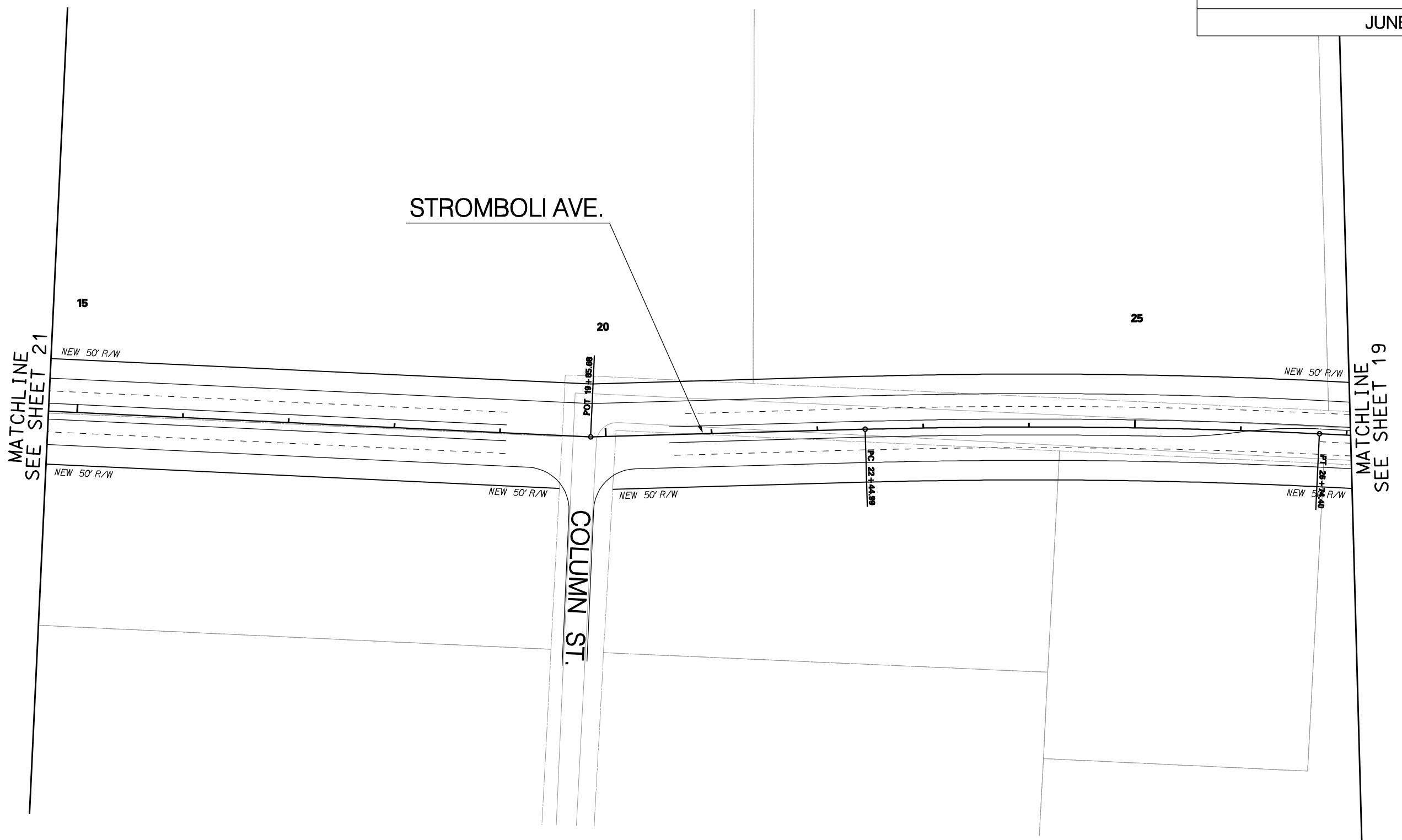
SHEET NO. 19

$$user$$
$$$$$path$$$$$$$$filename$$$$$$$$
$$$date$$$$

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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$$$$$$path$$$$$$$$$$filename$$$$$$$$
$$$$date$$$$

PLANS PREPARED BY:

PB PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 20

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006

CARNER AVE.

JACKSONVILLE RD.

BARNABY LN.

MATCHLINE
SEE SHEET 20

STROMBOLI AVE.

NEW 50' R/W

NEW 50' R/W

NEW 50' R/W

NEW 50' R/W

NEW 50' R/W

NEW 50' R/W

NEW 50' R/W

NEW 50' R/W

POT 10+00.00

N 42° 35' 42"W

MEETING STREET

MATCHLINE
SEE SHEET 22

RIVERS AVE.

$$user$$
$$$$$$path$$$$$$$$$$filename$$$$$$$$
$$$date$$$$

PLANS PREPARED BY:

PB PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

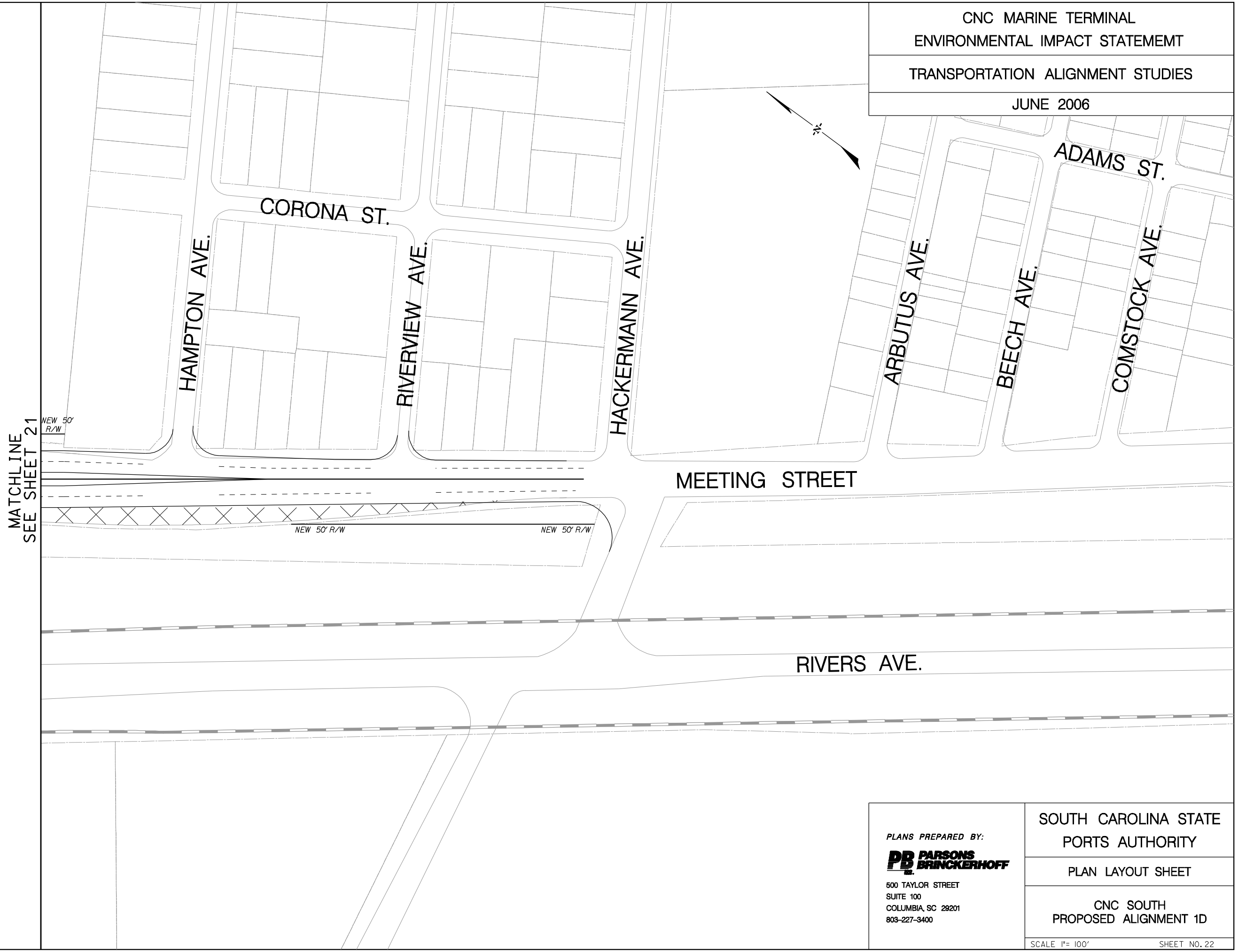
SCALE 1"= 100'

SHEET NO. 21

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



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PLANS PREPARED BY:

PB PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 22

CNC MARINE TERMINAL
ENVIRONMENTAL IMPACT STATEMEMT

TRANSPORTATION ALIGNMENT STUDIES

JUNE 2006



MATCHLINE
SEE SHEET 19

$$user$$
$$$$$$path$$$$$$$$$$filename$$$$$$$$
$$$$date$$$$

PLANS PREPARED BY:

PB PARSONS BRINCKERHOFF

500 TAYLOR STREET
SUITE 100
COLUMBIA, SC 29201
803-227-3400

SOUTH CAROLINA STATE PORTS AUTHORITY

PLAN LAYOUT SHEET

CNC SOUTH
PROPOSED ALIGNMENT 1D

SCALE 1"= 100'

SHEET NO. 23

I-26 Port Access Road Interchange
Charleston County, South Carolina
Natural Resources Technical Memorandum

File No. 10.037345A
Pin No. 37345

Prepared for

By Jay Gable, Environmental Scientist
Michael Baker Corporation

September 4, 2012

I-26 Port Access Road Interchange Environmental Assessment
Natural Resources Technical Memorandum
September 4, 2012

1.0 INTRODUCTION

The proposed project would construct a new directional T-interchange to connect the access roadway from the new marine container terminal at the Charleston Naval Complex to I-26 in the vicinity of Meeting Street (Exit 217) and Spruill Avenue (Exit 218). The interchange ramps at Exit 218 would be closed as part of the proposed project.

In order to provide a detailed analysis of the study area, an inventory of natural resources was performed to help in the assessment of potential impacts that could result from construction of the proposed project and to document the potential impacts in the Environmental Assessment (EA). This inventory was developed using available literature, available mapping, aerial photography, personal communications with state and federal agencies, and field surveys.

This report characterizes three areas of natural resources of concern and discusses potential impacts that could result from construction of the proposed project. The three resources discussed are water quality, biotic communities (uplands and waters of the United States), and threatened and endangered species. This report addresses the potential impacts to natural resources that could result from the Preferred and No-build Alternatives.

2.0 WATER QUALITY

2.1 Groundwater

The study area is situated above the Southeastern Coastal Plain Aquifer System, which is comprised of seven regional aquifers.[1] An aquifer is an underground layer of porous rock or gravel that holds water, like a natural storage tank. The regional aquifers in descending order are the Surficial Aquifer, the Tertiary Sand/Limestone Aquifer, the Black Mingo Aquifer, the Pee Dee Aquifer, the Black Creek Aquifer, the Middendorf Aquifer, and the Cape Fear Aquifer. While most of the aforementioned aquifers are deep underground and confined within rock formations, the Surficial Aquifer is shallow and not confined, making it prone to contamination.[2] The most widely used aquifers in the coastal plain are the Surficial, Tertiary Sand/Limestone Aquifer, Black Mingo, and Middendorf Aquifers.[3]

[1] USGS, *Ground Water Atlas of the United States: Alabama, Florida, Georgia, South Carolina*, HA 730-G, 1990, http://pubs.usgs.gov/ha/ha730/ch_g/G-text7.html (April 8, 2010).
[2] SCDHEC, Bureau of Water, *South Carolina Water Use Report, 2010 Annual Summary*, Technical Document No. 6J30-11, July 2011, p. 11.
[3] *Ibid.*

SCDHEC has established an ambient groundwater quality monitoring network to determine statewide and aquifer-specific baseline values for groundwater quality within each of the regional aquifers in South Carolina.[4] Each year, a selection of wells from a specific river basin is sampled on a five-year rotation. Monitoring wells in the Catawba and Santee Basins were last sampled in 2007.[5] No SCDHEC monitoring wells are located within the study area, and the nearest monitoring well, AMB-022, is over 19 miles northwest. Therefore, it is unknown at this time what groundwater quality is like in the project area.

The 2008 *South Carolina Groundwater Contamination Inventory*[6] report denotes that there are 431 contamination sites in Charleston County, which is a higher number of contaminated sites than any other county in the state. For further information on potentially hazardous materials sites, please refer to Section 4.13.

2.2 Surface water

SCDHEC conducts surface water quality assessments on a watershed basis, with the state being separated into eight major drainage basins divided along United States Geological Survey (USGS) hydrologic unit codes (HUCs). The study area is located within the Santee River Basin (HUC 03050202), which is sub-divided into the Santee River and Cooper River/Ashley River basins, which are further divided into sub-basins. The study area is primarily located within the Ashley River watershed unit (HUC 10: 0305020106), with a small portion on the eastern side of the study area being located in the Cooper River watershed unit (HUC 10: 0305020107) (refer to **Figure 1**, page 3).[7] The Ashley River watershed unit primarily consists of the Ashley River and its tributaries, from Dorchester Creek to Charleston Harbor.[8] The Cooper River watershed unit primarily consists of the Cooper River and its tributaries, from the convergence of the West Branch Cooper River and the East Branch Cooper River to Charleston Harbor.[9] According to the USGS Charleston, SC 7.5 minute topographic quadrangle map, there are no named waterbodies within the study area. The nearest named waterbodies include the Ashley River to the west and Shipyard Creek to the east.

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[4] SCDHEC, *South Carolina Ambient Groundwater Quality Monitoring Network Annual Report*, 2005, Technical Report 012-06, p. 1.
[5] *Ibid., p. 4.*
[6] SCDHEC, *South Carolina Groundwater Contamination Inventory*, Technical Report #002-08, October 2008, p. 5. http://www.scdhec.gov/environment/water/gwci/charleston.pdf (August 23, 2012).
[7] SCDHEC, Water Quality Information, http://gisweb00.dhec.sc.gov/water/Stormwater.html?mode=1/ (August 23, 2012).
[8] SCDHEC Bureau of Water, *Watershed Water Quality Assessment: Santee River Basin*, Technical Report No. 013-05, 2005, pp. 109-112.
[9] SCDHEC Bureau of Water, *Watershed Water Quality Assessment: Santee River Basin*, Technical Report No. 013-05, 2005, pp. 84-89.

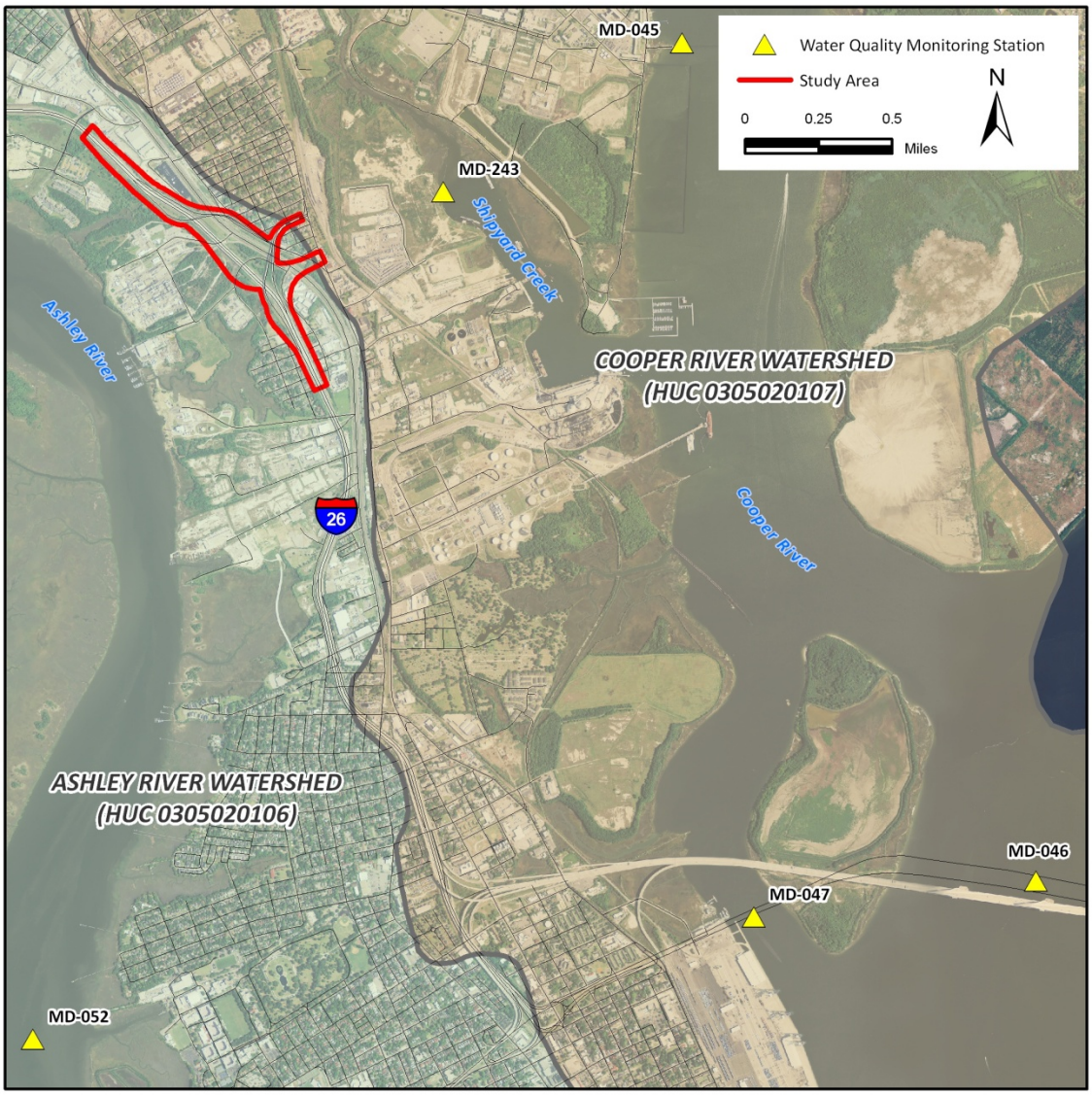

Figure 1: Watershed Units and Water Quality Monitoring Stations

SCDHEC has developed water quality standards for the various waterbody use classifications and performs sampling of the state's waters to determine whether they meet the established standards for their designated use classifications. Waters sampled are evaluated for various physical, chemical, and biological criteria. A priority list of waterbodies not meeting the established standards specific to their use classifications is published by the state every two years, pursuant to Section 303(d) of the CWA and 40 CFR §130.7. These waterbodies are targeted for water quality management action.[10]

[10] SCDHEC Bureau of Water, *303(d) List- State of South Carolina Integrated Report for 2010, Part I: Listing of Impaired Waters*, 2010, http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf (August 23, 2012).

As shown on **Figure 1** (refer to page 3), SCDHEC has four surface water quality monitoring stations located downstream of the study area; Stations MD-243, MD-046, MD-047, and MD-052. Station MD-243, located in Shipyard Creek, is the closest station to the study area. Stations MD-046 and MD-047 are both located in the Cooper River, and Station MD-052 is located in the Ashley River. Of these four stations, only Station MD-052 is listed on SCDHEC's 2010 303(d) List as impaired for aquatic life due to elevated levels of copper.[11] Copper is an essential trace element for plants, is required in animal metabolism, and is found naturally in sea water. In the form of oxides and sulfates, copper is used in pesticides, algaecides, and fungicides, and the runoff of those products into streams can increase the copper in the water to toxic levels. The toxicity of copper to aquatic life is dependent on the alkalinity, pH, and organic compounds in the water. At toxic levels, it can affect the reproduction, growth, and survival of many aquatic species.[12]

2.3 Potential Impacts to Water Quality

2.3.1 Groundwater

Most of the groundwater aquifers, with the exception of the Surficial Aquifer, are located in confined units deep below the earth's surface, and therefore, would not be impacted by the proposed project. Due to its proximity to the surface of the earth, its variability in depth, and that it is an unconfined unit, the Surficial Aquifer may be impacted during construction of the proposed project. The Surficial Aquifer could be exposed during dirt-moving activities associated with construction, leading to contaminants entering the aquifer. Soluble materials such as petroleum products could also be leaked or spilled during construction, enter into exposed areas of the Surficial Aquifer, and cause contamination. BMPs would be in place during construction, which would include a Spill Prevention Control and Countermeasures (SPCC) Plan to manage spills and leaks of soluble materials if they were to occur during construction.

The No-build Alternative would have no impact to groundwater resources.

2.3.2 Surface Water

As previously discussed, SCDHEC has four water quality monitoring stations near the study area. Of these four monitoring stations, only one, MD-052, is considered to have impaired water quality, as evidenced by the current 2010 303(d) listing for elevated copper levels. Because Station MD-052 is located downstream of the study area, runoff from the Proposed Project would drain to the reach of the Ashley River that is sampled at this station. Inorganic materials deposited on the roadway by vehicles braking and accelerating and pesticides and herbicides that may be used during normal ROW maintenance could potentially be transported downstream by stormwater runoff. However, the stormwater drainage system of the Proposed Project would be designed in accordance with applicable local, state, and federal requirements. This would result in the pre-

[11] *Ibid.*
[12] USEPA, *Quality Criteria for Water (The Red Book)*, July 1976, pp. 107-127.

treatment of stormwater runoff from the Proposed Project before it is discharged into receiving waters. Therefore, it is anticipated that the proposed project would not further degrade downstream water quality in the Ashley River.

Due to the proposed interchange construction, the Build Alternative would increase the amount of impervious surfaces, which in turn could increase the amount of stormwater runoff. Hydrologic studies would be performed to determine the size of detention areas to maintain runoff volumes to pre-development levels. Stormwater will be handled in accordance with applicable local, state, and federal requirements. Potential impacts to water quality that could occur during construction are discussed below.

2.4 Potential Water Quality Impacts During Construction

Construction activities could potentially impact water quality on a temporary basis through surface water runoff, accidental release of fuel or hydraulic fluids, and sedimentation from soil erosion. BMPs will be used during construction to minimize impacts to water quality and would be detailed in the project construction documents. Standard erosion and siltation control devices such as temporary seeding, diversion berms, slope drains, sediment traps, sediment barriers, as well as straw bale and rock check dams may be used as part of the BMPs to minimize impacts.

In addition, the contractor will be required to comply with Section 107.26 of SCDHEC's Environmental Protection and Water Pollution Controls from the *South Carolina Department of Transportation Standard Specifications for Highway Construction*[13] along with current federal and state laws, as well as regulations regarding water quality and stormwater management. As stated previously, an SPCC Plan would be in place to control any accidental releases of fuel or hydraulic fluids from machinery.

[13] SCDOT, *Standard Specifications for Highway Construction*, 2007, pp. 64-65.

3.0 UPLAND COMMUNITIES

3.1 Upland Community Descriptions

Upland communities were assessed in the study area based on data from federal and state agencies, published information with regard to habitat types, and a field survey conducted on August 27, 2012. Upland communities observed within the study area were characterized primarily based on their vegetative composition and landscape position. Uplands are generally dry areas for which the water table is one foot or more below the ground surface during the growing season.

Typically, when describing upland biotic communities, types of vegetative communities are discussed in terms of accepted and commonly used natural community descriptions such as those presented in Nelson's *The Natural Communities of South Carolina*.[14] However, in this case the uplands identified within the study area are highly disturbed habitats that do not closely resemble the descriptions of natural communities such as those described in Nelson's classification system. Most of the undeveloped portions of the study area are in various stages of succession following disturbance.

The majority of the land within the study area consists of the mowed, maintained right-of-way (ROW) adjacent to I-26 and the ROW adjacent to the ramps associated with the King Street and Spruill Avenue exit ramps to and from I-26. Vegetation in these areas consists of grasses planted for soil stabilization and erosion control and common turfgrass weeds.

Occasional small wooded areas do occur along the study area boundary beyond the limits of the existing maintained highway ROW and within the areas inside of the exit ramps. In some cases these small wooded areas have a canopy dominated almost entirely by loblolly pine (*Pinus taeda*). In other cases these wooded areas are vegetated by a combination of trees such as live oak (*Quercus viginiana*), southern magnolia (*Magnolia grandiflora*), sweet gum (*Liquidambar styraciflua*), red maple (*Acer rubrum)*, loblolly pine, and the invasive Chinese tallow (*Triadica sebifera*), and shrubs such as groundsel tree (*Baccharis halimifolia*), which was common within the study area.

3.2 Impacts to Upland Biotic Communities

The proposed project would occur largely in previously disturbed areas that have already been impacted and converted to other uses. The project would require additional ROW outside of the existing ROW for I-26 for construction of new interchange ramps; however, these areas have been heavily disturbed by development. Given the lack of natural, undisturbed biotic communities within the study area, the proposed project is not likely to have an impact to important biotic communities.

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[14] John B. Nelson, South Carolina Wildlife and Marine Resources Department, Division of Wildlife and Freshwater Fisheries, *The Natural Communities of South Carolina: Initial Classification and Description*, 1986.

4.0 WATERS OF THE UNITED STATES

4.1 Wetlands

Wetlands, as currently defined by the United States Army Corps of Engineers (USACE, 33 CFR §328.3[b]) and USEPA (40 CFR §230.3[t]) are:

> *Those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands typically include swamps, marshes, bogs, and similar areas.*[15]

The USACE, through Section 404 of the Clean Water Act, has regulatory authority over waters of the United States, including wetlands. This authority empowers the USACE to identify wetland/upland boundaries and to regulate alterations of jurisdictional wetlands. These boundaries are established in accordance with the methodology in the *1987 Corps of Engineers Wetlands Delineation Manual*.[16] An area must exhibit evidence of three criteria to be considered a wetland. These criteria are:

1) Predominance of hydrophytic vegetation- species of plants that are recognized as being adapted to survive in areas with frequently saturated or inundated soils;
2) Presence of hydric soils- soils that exhibit characteristics that develop under conditions of frequent saturation or inundation; and,
3) Wetland hydrology- as evidenced by observation of numerous hydrologic indicators such as standing water, presence of algal mats, water marks on trees, water stained leaves, etc.

Wetlands are specifically protected by law because of the functions and values they provide with respect to:

- **Hydrology** (e.g., flood control, groundwater recharge and discharge, and dissipation of erosive forces);
- **Water quality** (e.g., removal of sediments, toxins, and nutrients);
- **Food chain support and nutrient cycling** (e.g., primary production and nutrient export/utilization);
- **Wildlife habitat** (e.g., breeding, rearing, and feeding grounds for fish and wildlife species); and,
- **Socioeconomics** (e.g., recreational, educational, aesthetic, and consumptive uses).

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[15] United States Army Waterways Experimental Station Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual.* Washington, D.C.: Department of the Army - UNITED STATES Army Corps of Engineers.
[16] *Ibid*.

4.2 Identification

For this analysis, USACE-approved wetland boundaries were obtained from a wetland determination associated with USACE Permit Number 2005 1N-440 that was issued in April 2007, and are shown on **Figure 2**.

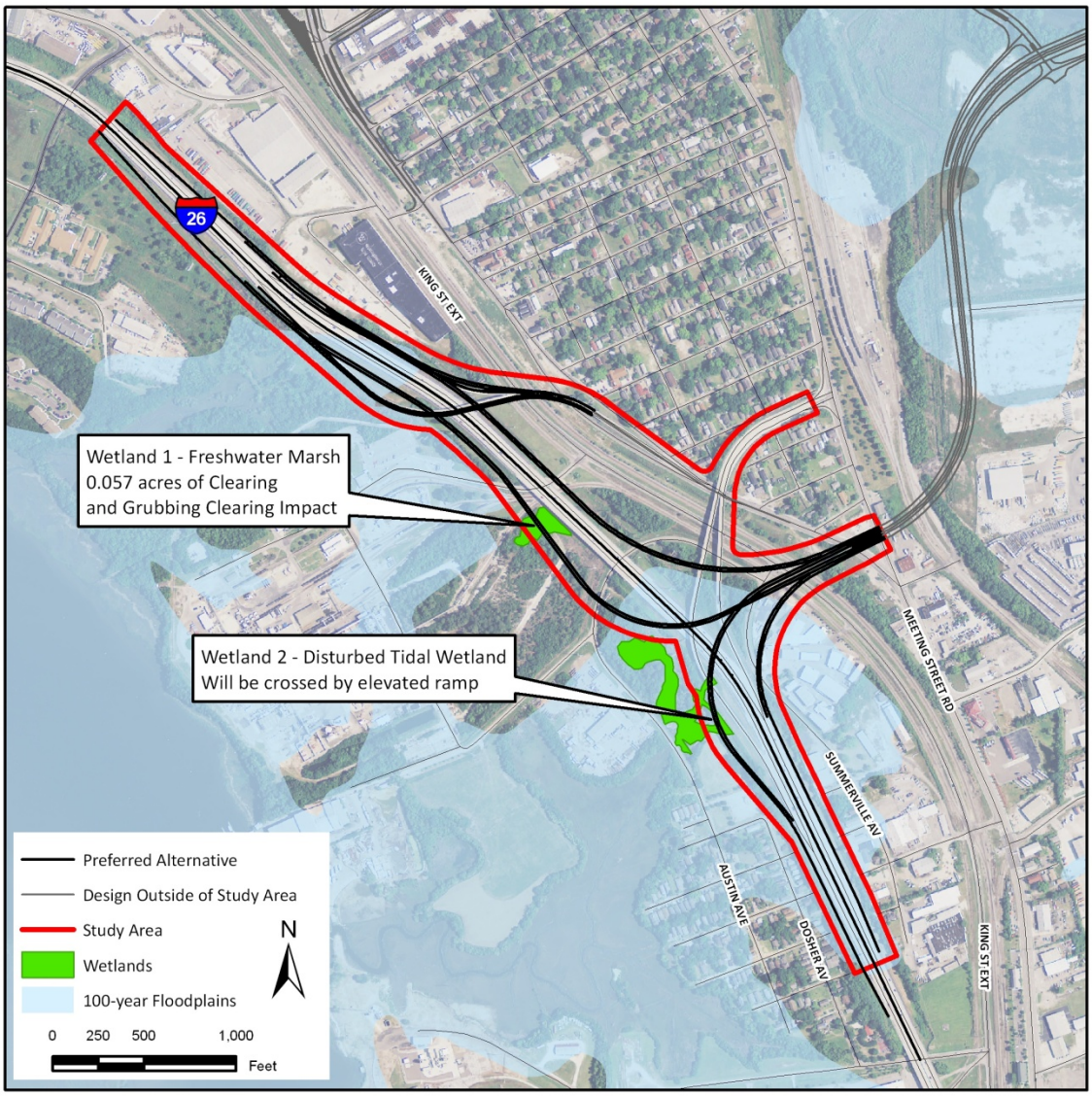

Figure 2: Wetlands and Other Waters of the U.S.

Wetlands and other waters of the United States identified within the study area were classified based on a modified Cowardin system. The Cowardin system, derived from *Classification of Wetlands and Deepwater Habitats of the United States*,[17] categorizes

[17] Lewis M. Cowardin, *Classification of Wetlands and Deepwater Habitats of the United States*, FWS/OBS – 79/31, 1979.

wetlands using hydrologic, geomorphologic, chemical, and biological factors. This system was modified by the United States Fish and Wildlife Service (USFWS) by grouping the 275 Cowardin wetland types into eighteen general categories based on vegetative composition. This modification was used to classify the wetland types within the study area, and was then further refined with detailed descriptions of specific wetland types of South Carolina found in *The Natural Communities of South Carolina* by John B. Nelson.[18] The jurisdictional wetlands observed within the study area were identified as freshwater marsh and salt marsh.

4.2.1 Freshwater Marsh

Freshwater marshes are open "wetlands with a widely fluctuating water level, and mostly dominated by emergent grasses and sedges."[19] This type of wetland is usually associated with deeper water wetlands, but can also be found where the establishment of trees is suppressed by human activity, such as in power line and roadway rights-of-way and other places where human activities prevent succession into, or back into, wooded wetlands.[20]

Along the west side of the proposed project, just northwest of the point where I-26 crosses Austin Avenue, a small (approximately 0.7 acre) isolated wetland that is transitional between a typical freshwater marsh community and more of a shrub and tree dominated wetland habitat was identified, refer to **Figure 2.** When this wetland was evaluated early in the development of this project, it was dominated by cattail (*Typha latifolia*), with subdominant species including bulrush (*Scirpus* sp.), soft rush (*Juncus effusus*), sedges (*Carex* spp.), and bushy bluestem (*Andropogon golmeratus*). During an evaluation on August 27, 2012, it was noted that the community now has increased percent cover of trees and shrubs that are rapid colonizers such as sweetgum, red maple, willow (*Salix* sp.), wax myrtle (*Myrica cerifera*), and Chinese tallow. Other species present include netted chain fern (Woodwardia areolata), sensitive fern (Onoclea sensibilis), and Virginia chain fern (Woodwardia virginica). This area is partially beneath a power line ROW and as a result it experiences a repeating cycle of disturbance and regrowth due to maintenance.

4.2.2 Salt Marsh

Salt marshes are open wetlands that are regularly flooded due to tidal action. This type of wetland does not typically exhibit a great deal of species diversity, and is often dominated almost exclusively by cordgrass (*Spartina* spp.).[21]

A small, approximately 0.32 acre, area of tidal marsh occurs along the west side of the proposed project, between Austin Avenue and the ramp from Spruill

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[18] John B. Nelson, South Carolina Wildlife and Marine Resources Department, Division of Wildlife and Freshwater Fisheries, *The Natural Communities of South Carolina: Initial Classification and Description*, 1986.
[19] *Ibid.*
[20] *Ibid.*
[21] *Ibid.*

Avenue to I-26 (refer to **Figure 2**). Emergent vegetation in this tidal marsh varies from cordgrass (*Spartina alterniflora*) to black needlerush (*Juncus roemerianus*), with high marsh areas of salt grass (*Distichlis spicata*) and saltmeadow cordgrass (*Spartina patens*). Shrub areas at the edges are dominated by marsh elder (*Iva frutescens*), sea oxeye daisy (*Borrichia frutescens*), and groundsel tree (*Baccharis halimifolia*).

4.3 Other Waters of the United States

4.3.1 Jurisdictional Ditches

The USACE has regulatory authority over streams as waters of the United States under Section 404 of the Clean Water Act. USACE will assert jurisdiction over traditional navigable waters (TNWs), which are described in 33 CFR §328(a)1 as, "[a]ll waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce, including all waters which are subject to the ebb and flow of the tide." The USACE will also assert jurisdiction over non-navigable tributaries, where the waters flow directly, or indirectly into a TNW, and are a relatively permanent water (RPW) which has a continuous flow for at least three consecutive months.[22] Streams with a non-relatively permanent flow of water (NRPWs), less than three continuous months, will be considered jurisdictional when they are found to exhibit a significant nexus with downstream TNWs. In order to determine if a NRPW is a jurisdictional feature a significant nexus analysis is required. A significant nexus analysis will:

> *[a]ssess the flow characteristics and functions of the tributary itself and the functions performed by any wetlands adjacent to the tributary to determine if they significantly affect the chemical, physical, and biological integrity of downstream traditional navigable waters.*[23]

The lateral extent of USACE jurisdiction of a drainage feature, in the absence of abutting wetlands, is based on the Ordinary High Water Mark (OHWM), as defined in 33 CFR §328.3(e), which states:

> *The term ordinary high water mark means that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or*

[22] USACE and USEPA, *Clean Water Act Jurisdiction Following the UNITED STATES Supreme Court's Decision in Rapanos v. United States & Carabell v. United States (December 2008),* http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/RelatedResources/CWAGuidance.aspx (September 3, 2012).
[23] *Ibid*.

other appropriate means that consider the characteristics of the surrounding areas.[24]

No streams occur within the project area, but a small section of a tidally influenced ditch approximately 115 feet in length occurs within the limits of the wetland determination that was provided for the project. This ditch drains into the salt marsh described above. No other non-wetland waters of the U.S. are depicted on the approved wetland determination.

4.4 Impacts to Wetlands and Other Waters of the United States

In accordance with *Executive Order 11990*, potential impacts to wetlands and waters of the United States were quantified and the mitigation of unavoidable impacts was addressed. Potential impacts were calculated for the preliminary construction limits of the alternatives.

Based on preliminary construction limits, the proposed project would result in 0.057 acre of clearing and grubbing impact to the isolated freshwater marsh wetland described above. A small portion of the tidally influenced ditch and a small portion of the salt marsh would be crossed by an interchange ramp associated with the proposed project, but the ramp would be elevated, would be supported by piers, and would span these jurisdictional areas without impacting them.

4.5 Mitigation

An objective of the *Clean Water Act* is "to restore and maintain the chemical, physical, and biological integrity of the Nation's waters." Toward achievement of this goal, the *Clean Water Act* prohibits the discharge of dredged or fill material into wetlands, streams, and other waters of the United States unless a permit issued by the USACE or approved State under *Clean Water Act* Section 404 authorizes such a discharge.

When there is a proposed discharge, all appropriate and practicable steps must first be taken to avoid and minimize impacts to aquatic resources. For unavoidable impacts, compensatory mitigation is required to replace the loss of wetland, stream, and/or other aquatic resource functions. The USACE (or approved state authority) is responsible for determining the appropriate form and amount of compensatory mitigation required.[25] The USACE and USEPA require a project to adhere to the 'mitigation sequence' of avoidance, minimization and compensation (where impacts must first be avoided and minimized, and then for unavoidable impacts compensation is required).

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[24] USACE, *Regulatory Guidance Letter 05-05, December 2005*, http://www.usace.army.mil/Portals/2/docs/civilworks/RGLS/rgl05-05.pdf (September 3, 2012).

[25] United Stated Environmental Protection Agency, *Compensatory Mitigation Rule: Improving, Restoring, and Protecting the Nation's Wetlands and Streams Questions and Answers*. http://www.epa.gov/owow/wetlands/pdf/Mit_rule_QA.pdf (September 3, 2012).

4.5.1 Avoidance

Because the proposed project involves improvements to an existing road network with wetlands and other jurisdictional waters of the United States located adjacent to the road, complete avoidance of impacts is not possible except with the implementation of the No-build Alternative. The No-build Alternative would not satisfy the Purpose and Need of the project.

4.5.2 Minimization

Minimization of wetland impacts is accomplished by utilizing ramps in the areas of the wetland and other waters of the U.S. crossings. As described above, the tidal ditch and salt marsh would not be impacted due to the incorporation of the elevated ramp into the design. While the freshwater marsh area would be impacted due to clearing and grubbing, the design does not require excavation or filling of this wetland, therefore, while habitat functions would be reduced, some wetland functions such as flood storage and sediment trapping would remain after construction of the proposed project.

Construction activities would be confined within construction limits. Also, during construction, potential temporary impacts to adjacent jurisdictional areas would be minimized by implementing sediment and erosion control measures. Other Best Management Practices (BMPs) would be required of the contractor to ensure compliance with the policies of 23 CFR §650B.

4.5.3 Compensation

Compensatory mitigation may consist of wetland preservation, enhancement, restoration, creation, and/or use of mitigation banks. USACE Permit Number 2005 1N-440, which was issued in April 2007, provided authorization for the impacts associated with the proposed project. A special condition associated with the issuance of this permit required the implementation of the CNC Marine Terminal Mitigation Plan. Compensation for impacts associated with the proposed project is included in this mitigation plan. Mitigation for the 0.057 acre of impact to the freshwater marsh wetland is being provided by debiting credits from the SCDOT's Black River Mitigation Bank. Credits from Black River Mitigation Bank are debited at a ratio of three acres of mitigation for each acre of impact.

5.0 FEDERALLY PROTECTED SPECIES

The Endangered Species Act of 1973 (ESA), as amended, requires federal agencies, in consultation with, and assisted by, the USFWS, to ensure that their actions are not likely to jeopardize the continued existence of species that have been listed as endangered or threatened under the ESA. The ESA also requires federal agencies to ensure that their actions do not result in the destruction or adverse modification of federally designated critical habitats for listed species.

As required under Section 7(c) of the ESA, current documentation concerning federally listed endangered, threatened, proposed endangered, proposed threatened, and candidate species, as well as information concerning designated critical habitats was obtained from the USFWS.[26,27] The federally protected species documented for Charleston County are shown in Table 1. Based on a review conducted using the USFWS' Critical Habitat Mapper utility, no designated critical habitats for listed species occur within 10 miles of the project area.[28]

A Geographic Information Systems dataset detailing documented occurrences of federally listed species was also obtained from the SCDNR Heritage Trust Program. According to this dataset, which was last updated on June 15, 2012, there are no documented occurrences of federally protected species within the study area.

A literature search was performed for the federally listed species to determine habitat requirements and to find descriptions of the species that would facilitate identification during the field survey. Important sources of reference information included natural resource agency data and published reports, various botanical and faunal literature, and available USFWS Recovery Plans. Of the 21 species listed for Charleston County by the USFWS, ten are found in marine or subtidal estuarine aquatic habitats (see species marked with "[a]" in table). Three additional species, sea-beach amaranth, the red knot, and the piping plover, require beachfront dune habitat (see species marked with "[b]" in table). No marine, subtidal estuarine, or beachfront dune habitats exist in the study area; therefore, no further discussion of these species is necessary. The eight remaining listed species and their habitat requirements are described below. Although the bald eagle (*Haliaeetus leucocephalus*) is no longer listed under the ESA, it is protected under the *Bald and Golden Eagle Protection Act* and is therefore is treated in this document similarly to the species protected under the ESA.

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[26] USFWS Southeast Region Ecological Services, South Carolina Field Office, South Carolina List of Endangered, Threatened and Candidate Species April 2012, http://www.fws.gov/charleston/pdf/etcountylist_04_12_final.pdf (August 15, 2012).
[27] USFWS, Critical Habitat Mapper, http://criticalhabitat.fws.gov/crithab/flex/crithabMapper.jsp? (August 15, 2012).
[28] *Ibid.*

Table 1
Federally Protected Species in Charleston County

COMMON NAME	SCIENTIFIC NAME	FEDERAL STATUS
Plants		
American chaffseed	*Schwalbea americana*	Endangered
Canby's dropwort	*Oxypolis canbyi*	Endangered
Pondberry	*Lindera melissifolia*	Endangered
Sea-beach amaranth[b]	*Amaranthus pumilus*	Threatened
Animals		
Atlantic sturgeon[a]	*Acipenser oxyrinchus*	Endangered
Bachman's warbler	*Vermivora bachmanii*	Endangered
Bald eagle	*Haliaeetus leucocephalus*	N/A [c]
Finback whale[a]	*Balaenoptera physalus*	Endangered
Frosted flatwoods salamander	*Ambystoma cingulatum*	Threatened
Green sea turtle[a]	*Chelonia mydas*	Threatened
Humpback whale[a]	*Megaptera novaengliae*	Endangered
Kemp's ridley sea turtle[a]	*Lepidochelys kempii*	Endangered
Leatherback sea turtle[a]	*Dermochelys coriacea*	Endangered
Loggerhead sea turtle[a]	*Caretta caretta*	Threatened
Piping plover[b]	*Charadrius melodus*	Threatened
Red-cockaded woodpecker	*Picoides borealis*	Endangered
Red knot[b]	*Calidris canutus rufa*	Candidate
Right whale[a]	*Balaena glacialis*	Endangered
Shortnose sturgeon[a]	*Acipenser brevirostrum*	Endangered
West Indian manatee[a]	*Trichechus manutus*	Endangered
Wood stork	*Mycteria americana*	Endangered

Source: USFWS, http://www.fws.gov/charleston/pdf/etcountylist_04_12_final.pdf (August 15, 2012).
[a] Indicates a species found in marine or subtidal estuarine habitats.
[b] Indicates a species that requires beachfront dune habitat.
[c] Protection is provided under the Bald and Golden Eagle Protection Act instead of the ESA.

American chaffseed

American chaffseed (*Schwalbea americana*) is an upright, perennial herb with a stem that is unbranched or only branches at the base of the plant. Chaffseed grows to a height of one to two feet. [29] It has lance-shaped to elliptic alternate leaves that connect directly to the stem at the base. Upper leaves are reduced to small bracts, and the purplish yellow flowers of the plant, which are present on the upper portion of the stalk, arise from the area where the upper surface of these bracts meets the stem of the plant. The flowers, which are borne on small stalks, are tubular in shape and range from 1.2 to 1.4 inches in length. [30] The inflorescence exhibited by the plant, with many stalked flowers concentrated on the upper portion of an unbranched stem is referred to as a raceme. Flowering occurs from April to June and fruits begin to

[29] USFWS, American Chaffseed Recovery Plan, http://ecos.fws.gov/docs/recovery_plan/950929c.pdf, 1995, (August 17, 2012).
[30] *Ibid.*

mature shortly afterward in early summer. Chaffseed's fruit is a narrow capsule about a half-inch long. [31]

American chaffseed is restricted to longleaf pine flatwoods and savannas, ecotonal areas between peaty wetlands and xeric sandy soils (in the upslope portion of the site), mesic loamy-soil slopes or swales in longleaf pine sandhill woodlands, and other open, grass-sedge systems.[32,33] It typically requires areas of habitat that are subject to frequent disturbance due to burning or occasional mowing and/or areas with a fluctuating water table. These conditions can impede the growth of some trees and shrubs and thereby make the conditions more favorable for chaffseed to grow and compete due to its ability to better tolerate these conditions.[34] This species prefers areas with an open or partially open overstory.

Suitable habitat for American chaffseed does not occur in the area that would be impacted by the proposed project. No savanna, sandhill-wetland ecotones, or sandhill longleaf pine woodlands occur in the vicinity of the proposed project and no occurrences of American chaffseed were found during the field survey. Based on a review of the SCDNR protected species element occurrence dataset, the nearest documented occurrence of this species is an extirpated occurrence from a site more than eight miles from the limits of the proposed project. Based on these findings, no effect to American chaffseed would occur as a result of the proposed project.

Canby's dropwort

Canby's dropwort (*Oxypolis canbyi*) is a perennial herbaceous plant that grows to approximately four feet tall. It has a slender stem that is purplish at the base and green above, which may branch above the middle. The leaves are long, slender, and quill-like. Flowers of Canby's dropwort are minute (~0.1 inch across), with white petals and are arranged in compound umbels.[35]

This species typically occurs in areas with a high water table, open canopy, and medium- to highly-organic soils. It occurs in habitats including cypress-pine ponds, sloughs, drainage ditches, wet meadows, and wet pine savannas.

Suitable habitat for Canby's dropwort does not occur within the area that would be impacted by the proposed project. One freshwater wetland occurs within the limits of the proposed project, but it is a disturbed wetland within a power line right-of-way that is becoming overgrown with weedy shrubs making it unsuitable for Canby's dropwort. The remaining wetland/ditch habitat within the limits of the proposed

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[31] *Ibid.*
[32] Porcher, Richard D. and Douglas A. Rayner. 2001. *A Guide to the Wildflowers of South Carolina*. Columbia, SC: University of South Carolina Press.
[33] Weakley, Alan S. 2006+ (draft). *Flora of the Carolinas, Virginia, Georgia, and Surrounding Areas*. Chapel Hill, NC: University of North Carolina.
[34] USFWS, Raleigh Ecological Services Field Office, American chaffseed (*Schwalbea americana*), http://www.fws.gov/raleigh/species/es_american_chaffseed.html, June 25, 2012, (August 17, 2012).
[35] Murdock, Nora and Rayner, Douglas. *Recovery Plan for Canby's Dropwort*. Asheville Field Office, USFWS, 1990.

project is characterized by tidally influenced hydrology and emergent vegetation. Canby's dropwort does not occur in this type of habitat and was not observed during the field survey. Based on a review of the SCDNR element occurrence dataset, the nearest documented occurrence of this species is from a site located over 31 miles from the study area. No Canby's dropwort was observed during the field survey. Based on these findings, no effect to Canby's dropwort would occur as a result of the proposed project.

Pondberry

Pondberry (*Lindera melissifolia*) is a deciduous shrub with an alternate, drooping leaf arrangement that reaches up to six feet in height. The leaves and other parts are aromatic, having a fragrance very similar to sassafras when crushed. In March, before the leaves come out, small yellow flowers appear in clusters along the branches. The bright red fruits mature in late summer to early fall.

Pondberry grows along the edges of sandy lime sinks, ponds, swamp forests, open bogs, and in wet depressions in pine flatwoods.[36] It prefers shaded areas, but is sometimes found in areas of full sun.

The small freshwater marsh wetland and the tidally influenced wetland/ditch that occur within the limits of the proposed project are both unsuitable habitats for this species. Typical habitats for this species (bogs, lime sinks, flatwood depressions, forested swamp) do not occur in the vicinity of the proposed project. Pondberry was not observed during the field survey and the nearest documented occurrence of pondberry is over ten miles from the limits of the proposed project. Based on these findings, no effect to pondberry would occur as a result of the proposed project.

Bachman's warbler

Bachman's warbler (*Vermivora bachmanii*) is a tiny (4 ¼- to 4 ½-inch) wood warbler with a slender, pointed bill that has a slight downward curve. [37] The adult male has a yellow forehead, breast, eye ring, and patches of yellow on the shoulders. The throat area and the front of the top of the head are black. Beginning at the back of the top of the head and extending over the upper part of the body it is olive green. The tail and wings are gray. [38] The adult female is colored similarly, but lacks the black on the head and throat area and has a white eye-ring. The female is predominantly olive above and yellow beneath. Overall, the coloration of the female is more drab than that of the male. [39]

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[36] Porcher, Richard D. and Douglas A. Rayner. 2001. *A Guide to the Wildflowers of South Carolina*. Columbia, SC: University of South Carolina Press.
[37] USFWS, Species Profile, Bachman's Warbler (*Vermivora bachmanii*), http://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B03G, (August 16, 2012).
[38] BirdLife International, Bachman's Warbler *Vermivora bachmanii*, http://www.birdlife.org/datazone/speciesfactsheet.php?id=9084, (August 16, 2012).
[39] *Ibid.*

Bachman's warbler frequents canebrakes and thickets both within and along the borders of mature hardwood swamp forests. Individuals begin arriving in Charleston County in early March, and are gone by mid-July. Bachman's warbler nests in scrub palmetto, clumps of cane, low bushes, and vines.[40]

No canebrakes or thickets within and along the borders of mature hardwood swamp forests occur near or within the limits of the proposed project. This species was not observed during the field work and, according to the SCDNR element occurrence data, the nearest documented occurrence is a historical record from an area over 17 miles from the proposed project. Based on these findings, no effect to Bachman's warbler would occur as a result of the proposed project.

Bald eagle

The bald eagle is a large bird of prey with a dark brown body and prominent white coloration on the head, neck, and tail. Its wingspan may reach up to seven feet, and it can weigh as much as seven pounds as an adult.

Bald eagles typically nest in the crowns of large trees with an uncluttered arrangement of stout limbs that are capable of supporting a large heavy nest for several years. Their foraging habitat consists primarily of open waters along coastlines, rivers, and lakes; and they typically select nest trees that have a clear line of sight to these preferred foraging habitats. [41] Often the nest tree is situated on a boundary between forest and marsh less than a mile from suitable open water foraging habitat. [42] Ideal habitats for eagle foraging have shallow, slow moving water, and abundant prey including fish, waterfowl, and other birds. In South Carolina eagle nesting territories have become established on the shorelines of hydroelectric impoundments, and they have been observed to forage opportunistically around tailwaters on fish that are injured by turbine impacts. [43] Waterfowl impoundments also provide preferred nesting and foraging habitat for eagles.[44]

Suitable foraging habitat for the bald eagle occurs east and west of the proposed project within the Ashley River and the Cooper River, but these waterbodies will not be affected by the proposed project. No eagle nests were observed during the field surveys conducted, but one bald eagle was observed in flight above Shipyard Creek. No good quality nesting habitat occurs within the limits of the proposed project due to the extent of urbanization and development in this area. Other more well suited nesting habitat occurs in less developed portions of these river systems. According to the SCDNR element occurrence data, the nearest documented bald eagle nests are in

[40] Eloise F. Potter, et al, 1980. *Birds of the Carolinas*. Chapel Hill, NC: University of North Carolina Press.
[41] South Carolina Department of Natural Resources, Comprehensive Wildlife Conservation Strategy, Species Profile: Bald Eagle, http://www.dnr.sc.gov/cwcs/pdf/Baldeagle.pdf, 2005, (August 17, 2012).
[42] *Ibid.*
[43] *Ibid.*
[44] *Ibid.*

much less developed areas over four miles from the proposed project. Based on these findings, no effect to the bald eagle would occur as a result of the proposed project.

Frosted flatwoods salamander

The frosted flatwoods salamander (*Ambystoma cingulatum*) has a gray to black body with a lighter gray pattern of reticulation (a net like pattern). Its belly exhibits distinct white spots against a dark background.[45] It is small, 3.5 to 5 inches long, slender, and has a relatively small head. It is very similar in appearance to the closely related reticulated flatwoods salamander (*Ambystoma bishopi*), but the two species have been determined to be separate distinct species based in part on subtle morphological differences and mitochondrial DNA evidence. [46] The frosted flatwoods salamander is reported to have less distinct reticulation on its back and more distinct white spotting on its belly than the reticulated flatwoods salamander.[47] The two species are separated geographically by the Appalachicola River drainage, with the frosted flatwoods salamander being found east of the drainage, and the reticulated flatwoods salamander being found west of the drainage.[48]

The chief habitat for the frosted flatwoods salamander is open, mesic flatwoods dominated by longleaf (*Pinus palustris*) or slash pines (*Pinus elliottii*) and wiregrass (*Aristida stricta*) maintained by frequent fires. These pine flatwood communities are positioned between upslope sandhill communities and lower slope wetlands.[49] The herbaceous groundcover in these pine flatwoods provides forage for numerous herbivorous invertebrates that are the prey base for the frosted flatwoods salamander.[50] This species breeds in herbaceous vegetation along the margins of isolated, seasonal pools that typically have a sparse open canopy of pond cypress and blackgum. As the larvae hatch and develop they feed on the aquatic macroinvertebrate community within the herbaceous cover of the pond margins. Because the ponds are only seasonally inundated, they typically do not support populations of predatory fish large enough to prey upon the salamander larvae.[51] Fire at a frequency of once every three to five years is necessary to prevent the degradation of natural flatwoods communities; in its absence shrubs and hardwood understory increase and herbaceous groundcover decreases, which reduces the prey base for the frosted flatwoods salamander. Fire is also necessary to prevent canopy closure at the pond margins, which can result in a decrease in the herbaceous vegetation at the pond margins where the adults would typically deposit their eggs

[45] Federal Register 56, Endangered and Threatened Wildlife and Plants; Determination of Endangered Status for Reticulated Flatwoods Salamander; Designation of Critical Habitat for Frosted Flatwoods Salamander and Reticulated Flatwoods Salamander, Final Rule, 6700-6774, February 10, 2009.
[46] *Ibid.*
[47] *Ibid.*
[48] *Ibid.*
[49] Walton Beacham, et. al., editors, *Beacham's Guide to the Endangered Species of North America*, 2001, Farmington Hills, MI: Gale Group.
[50] *Ibid.*
[51] *Ibid.*

and the larvae would typically develop.[52] In South Carolina, the frosted flatwoods salamander occurs in the southern half of the Coastal Plain.

The mosaic of habitats used by the frosted flatwoods salamander, including open mesic flatwoods and seasonal ponds, do not occur in the vicinity of the proposed project. The nearest documented occurrence of this species is over 8 miles from the proposed project. Based on these findings, no effect to the frosted flatwoods salamander would occur as a result of the proposed project.

Red-cockaded woodpecker

The red-cockaded woodpecker (*Picoides borealis*) is a small woodpecker with a wingspan up to 15 inches. The bird has black and white horizontal stripes on its back, white cheeks and breast, black-streaked flanks, and a black cap and throat. Males have small red spots or "cockades" on each side of the cap just behind the eye,[53] which are not easily discernible in the field.

Preferred nesting habitat of the red-cockaded woodpecker is old-growth pine forests (stems ≥ 60 years old) that are relatively free of hardwood undergrowth. Suitable foraging habitat includes pine and pine hardwood stands with pine stems ≥ 30 years of age. Primary literature concerning the red-cockaded woodpecker states that colonies typically require areas of at least 100 acres of suitable habitat. Threats to this species include loss of old-growth longleaf pine habitat, fire suppression that allows the growth of a dense hardwood and vine understory in areas that would otherwise be suitable for nesting habitat, and timber management practices that result in harvesting of pines before they reach a size that is suitable for establishment of red-cockaded woodpecker nest colonies.[54]

Suitable foraging or nesting habitat for red-cockaded woodpecker does not occur in the vicinity of the proposed project and this species was not observed during the field survey. Wooded areas in the limits of the proposed project are very small and fragmented. No old growth pine forest occurs in or within ½ mile of the proposed project. As such, the small fragmented wooded areas do not represent suitable red cockaded woodpecker foraging habitat. According to the SCDNR element occurrence data, the nearest documented occurrence of this species is over 5 miles from the proposed project. Based on these findings, no effect to the red-cockaded woodpecker would occur as a result of the proposed project.

Wood stork

The wood stork (*Mycteria americana*) is a large wading bird that reaches four feet in height and has a wingspan of up to five feet. The bird's plumage is white except for

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[52] *Ibid.*
[53] USFWS, *The Red Book.* 1993.
[54] Henry, Gary V., *Guidelines for Preparation of Biological Assessments and Evaluations for the Red-Cockaded Woodpecker*. USFWS Southeast Region. 1989.

the black feathers on its tail, primary feathers, and the trailing edge of its wings. Its head and neck are featherless and its long bill is black in color.[55]

Wood storks prefer to establish colonies in clusters of trees or shrubs that are surrounded by standing water. Inundation of the area surrounding the colony site is thought to serve as a deterrent for would-be predators.[56] Wood storks primarily feed on small fish within areas of shallow receding water. As waters recede following precipitation events or seasonal flooding or as a result of tidal pulse, density of available prey increases and the effort required for successful foraging decreases. The most successful wood stork colony sites tend to be those with a core foraging area containing a variety of different wetland habitats with varied hydrologic regimes.[57] This variation of available habitat and hydrologic regime allows wood storks using the colony to effectively forage from year to year and better withstand extreme periods of drought or flood. [58] When they are not nesting, wood storks will wander more freely in search of suitable foraging habitat and will roost in areas convenient to the area in which they are currently foraging. [59]

No wood storks were observed in the vicinity of the proposed project during the field survey. A small amount of tidal marsh that is suitable foraging habitat for the wood stork occurs within the limits of the proposed project. Based on a review of the SCDNR element occurrence data, this habitat is within less than 15 miles of four different wood stork colonies and, therefore, could potentially be utilized for foraging by wood storks from those colonies. However; given the amount of urbanization, development, and human activity in the vicinity of the proposed project and taking into consideration the abundance of other less disturbed foraging habitat that occurs in the vicinity of the identified wood stork colonies; it is highly unlikely that the tidal marsh habitat within the limits of the proposed project would be a significant foraging site for wood storks. Additionally, although the identified tidal marsh is within the limits of the proposed project, in this area the design calls for the construction of a new elevated ramp that would be constructed on piers and would span the tidal marsh and, therefore, would not directly impact the tidal marsh. No suitable nesting habitat for the wood stork occurs in the limits of the proposed project. Based on these findings, no effect to the wood stork would occur as a result of the proposed project.

5.5 State Listed Rare, Threatened, and Endangered Species

The *South Carolina Nongame and Endangered Species Conservation Act* outlines the state's role in assisting with the preservation and propagation of federally listed threatened and endangered species, as well as setting forth guidelines to protect

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[55] USFWS, *The Red Book*. 1996.
[56] USFWS, Southeast Region, Revised Recover Plan for the U.S. Breeding Population of the Wood Stork, http://ecos.fws.gov/docs/recovery_plan/970127.pdf , September 9, 1986, (August 20, 2012).
[57] *Ibid.*
[58] *Ibid.*
[59] *Ibid.*

wildlife which, although not listed on a federal level, have been determined to be endangered within the state. Table 2 is a depicts the state-listed threatened and endangered species that are known to occur in Charleston County, their habitat requirements, and indicates if suitable habitat is present in the study area.

As indicated in Table 2, potential habitat for four state listed species exists within or adjacent to the project study area. Based on the SCDNR element occurrence data, two of those species, the least tern and the Rafinesque's big-eared bat, have been documented in the vicinity of the proposed project. However the areas that would be impacted by the proposed project would not be suitable nesting habitat for the least tern. Documented occurrences of this species near the project are from nests on the building rooftops. The documented occurrence of the Rafinesque's big-eared bat is a historical occurrence of one individual bat from the 1930's. It is unlikely that the proposed project would impact either of these species. Although marginally suitable habitat for the swallow tailed kite and the Wilson's plover occur adjacent to the study area, the extent of development makes it highly unlikely that habitats within the study area are important for either of these species. No significant impacts to state protected species are anticipated as a result of the proposed project.

Essential Fish Habitat Assessment

I-26 And Port Access Road Interchange
Charleston County, South Carolina

January 2, 2013
Updated March 20, 2013

Prepared by:

South Carolina Department of Transportation
955 Park Street
Columbia, SC 29201

1. Introduction

In conformance with the Magnuson-Stevens Fishery Conservation and Management Act of 1976 (as amended 1996) this assessment was conducted to describe potential adverse effects on essential fish habitat (EFH). EFH is defined as those waters and substrate necessary to fish for spawning, breeding, feeding, or growth to maturity (16 USC 1802, 50 CFR 600.10). The National Oceanic and Atmospheric Administration (NOAA) – National Marine Fisheries Service works closely with the South Atlantic Fishery Management Council (SAFMC) to minimize adverse impacts to EFH in the southeast. Adverse effects are those that reduce the quality and/or quantity of EFH, including direct, indirect, site specific, or habitat wide impacts, including individual, cumulative or synergistic consequences of actions.

This assessment describes the proposed project including potential effects to EFH, measures to minimize harm to EFH, and conclusions regarding impacts. This assessment is being submitted by the South Carolina Department of Transportation on behalf of and with permission of the Federal Highway Administration.

2. Proposed Action

The proposed project consists of a new freeway interchange on I-26, located south of the existing Meeting Street ramps (Exit 217). The proposed Port Access Road interchange is located in the City of North Charleston, Charleston County, South Carolina, in the industrial "Neck" area near the old Charleston Navy Base. The proposed project will remove the existing Spruill Avenue ramps (Exit 218) and build a new full movement directional T-interchange connecting to the new Port Access Road. The new Port Access Road will connect to the Navy Base Terminal (NBT) that is currently under construction by the South Carolina State Port Authority (SCSPA) on the west banks of the Cooper River at the old Navy Base.[1] Figure 1 illustrates the project location.

"The new I-26 interchange is a three-level interchange and includes four one-way ramps on structure between the ramp junction along the mainline and convergence/divergence points with existing I-26 eastbound and westbound travel lanes."[2] Figure 2 illustrates the proposed new travel lanes and ramps. Construction of the new interchange would involve the placement of fill materials in uplands to construct the new travel lanes associated with I-26 and the approaches to the ramps, which will be elevated on bridges.

The functional design of the new I-26 interchange includes barrier-separation for certain distance between the on-ramp traffic from the westbound Port Access Road and the westbound I-26 main line traffic in order to have the traffic merge with the Meeting Street on-ramp traffic on the collector facility. This allows a single merge point with westbound I-26 for Port Access Road and Meeting Street on-ramp traffic. Similarly, the interchange design allows for eastbound I-26 traffic to have one exit point, located approximately thousand feet west of the current Exit 217, in order to reach southbound Meeting Street

[1] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report,* prepared for SCDOT, May 2012, p.3.

[2] Access Road Feasibility Study for the CNC Marine Terminal EIS Proposed Alternative, Supplemental Report, November 2006, p.3.

and eastbound Port Access Road.

The existing partial Spruill Avenue interchange (Exit 218) that only serves traffic movements to and from Charleston will need to be demolished to accommodate the new full-movement Port Access Road interchange. To accommodate the traffic movements from the eliminated Spruill Avenue ramps, the new Port Access Road design provides a new half-diamond interchange just north of the future Macalloy Industrial Park site with a new Local Access Road connecting to the north with Spruill Avenue at Stromboli Avenue and with Bainbridge Avenue just south of Viaduct Road. The Local Access Road will also have a connection to the south to Tidewater Road to provide an employee-only entrance for the NBT and access to and from the Cooper River Marina. This half-diamond interchange will also provide access to the future Macalloy Industrial Park.[3]

Project History

The Charleston region is accessed via I-26, connecting to I-95 corridor and Columbia, located to the west. The region is also served by a loop freeway, I-526 (Mark Clark Expressway), that connect Mt. Pleasant to the east and West Ashley to the west.

The SCSPA completed a Final Environmental Impact Statement (FEIS) and a Record of Decision (ROD) was issued in 2007 for development of a container terminal at the old Navy Base in North Charleston, with a controlled-access 4-lane roadway connecting to I-26 with a new directional T-interchange in lieu of the current Exit 218 ramps. The connector road is an adopted project in the region's land use and transportation plan, and is slated for implementation by year 2020.The proposed access road interchange project was evaluated in the Port EIS study as Alternative 1D and was ultimately selected as the Preferred Build Alternative. Alternative 1D was determined to be the most feasible option for meeting the purpose and need of the project after considering numerous site locations, modal options, roadway alignments, interchange designs and local roadway improvements.

An Environmental Assessment (EA) was prepared for the I-26 Port Access Road that documented the modifications to the human and natural environment within the study area of the Port Access Road and its interchange with I-26, also known as Alternative 1D evaluated in the Port EIS. Previous studies completed for the SCSPA's Proposed Marine Container Terminal at the Charleston Naval Complex FEIS, including the Access Road Feasibility Study (ARFS), and the I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report, were incorporated into the EA document where possible.

[3] Parsons Brinkerhoff, *I-26/Naval Base Terminal Access Road Interchange, Interchange Modification Report,* prepared for SCDOT, May 2012, p.11.

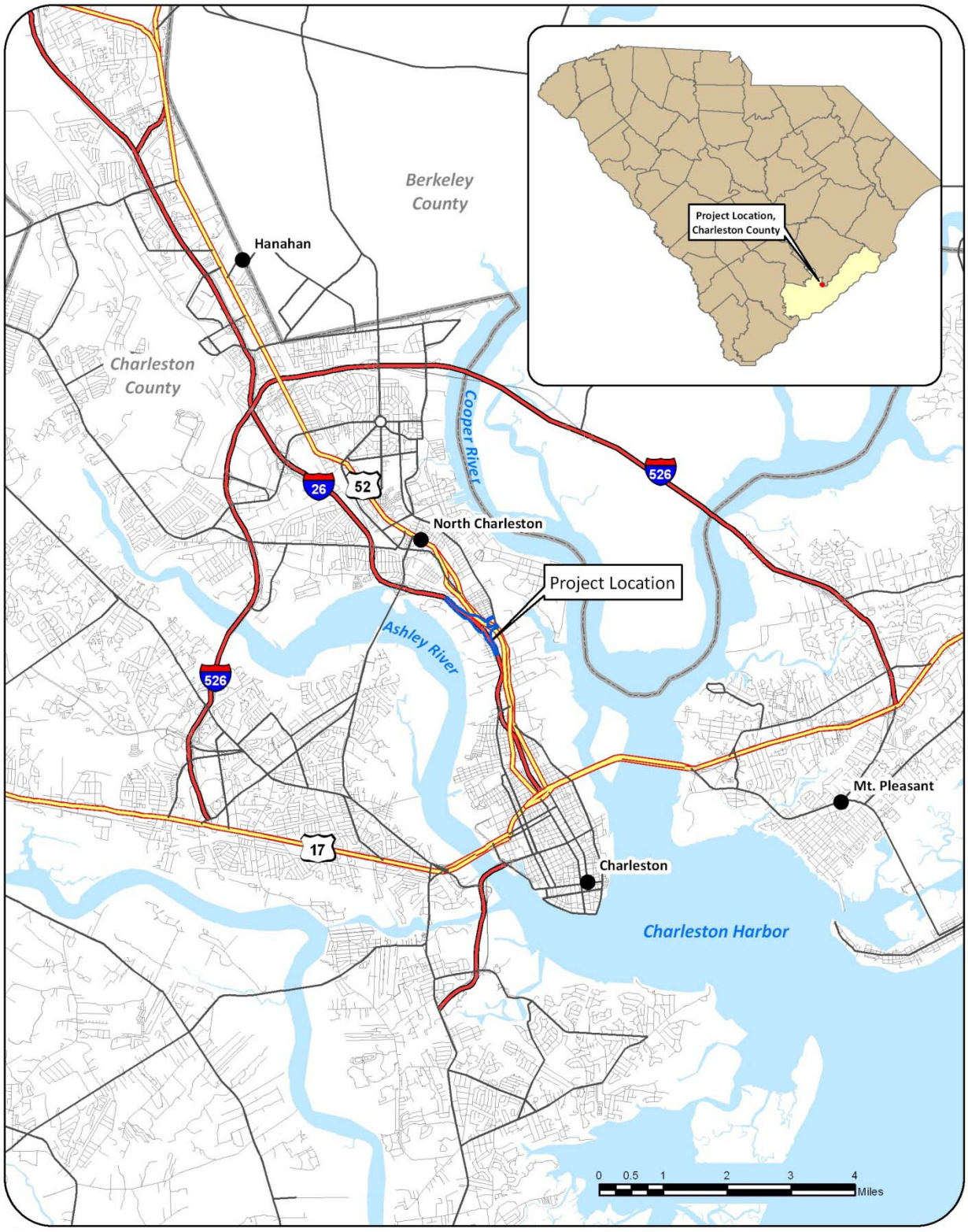

Figure 1: Project Study Area

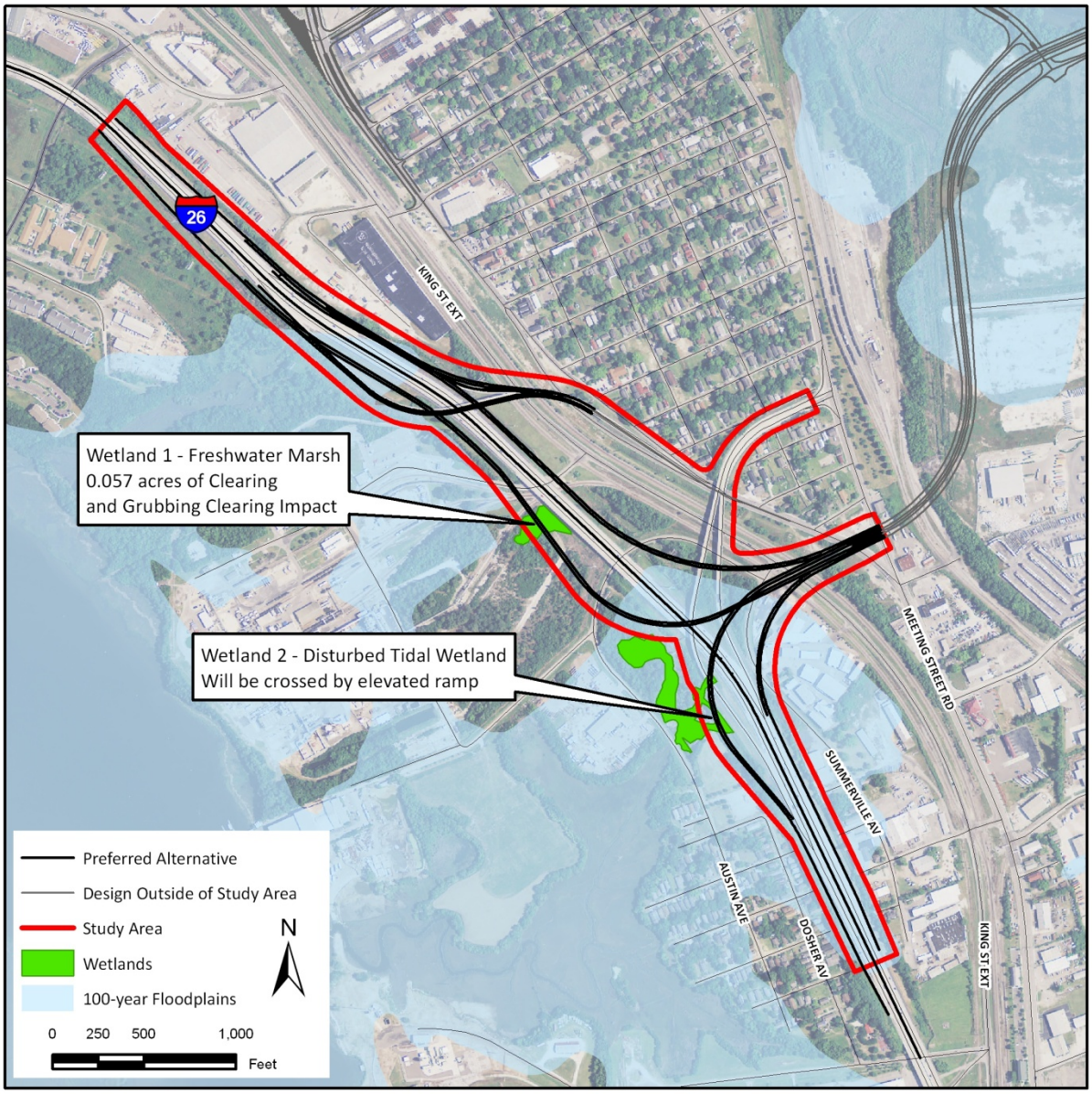

Figure 2: Wetlands and Floodplains in Project Study Area

3. Essential Fish Habitat Setting

The South Atlantic Fishery Management Council (SAFMC) is tasked with conserving and managing fish stocks for a portion of the Atlantic coast. Habitat types that are designated as EFH by the SAFMC are present within the project study area.

Estuarine water column

An estuary is a semi-enclosed coastal body of water which has at least an intermittent connection with the open sea and within which sea water mixes with fresh water that has been derived from land drainage. The water column is a key area for phytoplankton,

which are important primary producers in the aquatic food web. Many species utilize the water column for support and migration, taking advantage of nutrients moving through the column from the entire estuarine system.

Tidal creek
Tidal creeks commonly drain the saltmarshes on the South Carolina coast. The water level and salinity of these creeks are affected by the tidal flow of the ocean. Tidal creeks and their associated wetlands serve as nurseries for fish, crustaceans and mollusks, as well as habitat for adult species (SAFMC, 1998).

Intertidal flat
An intertidal area is subsystem of an estuarine system (Cowardin et al., 1979) where sediments from the estuarine and freshwater environment are deposited. These areas are important in coastal systems as nursery, foraging, and refuge areas for a variety of species, their predators, and their prey (Peterson and Peterson, 1979). The flats also contribute greatly to overall primary productivity (SAFMC, 1998).

Estuarine emergent wetlands
Estuarine emergent wetlands are present between the intertidal flats and upland areas. Estuarine emergent wetlands are important areas for many invertebrates as well as nursery grounds for other species. The estuarine emergent wetlands within the project site are an exposed area, flooded by tides and dominated with emergent *Spartina alterniflora* vegetation in the lower reaches.

Oyster reefs and shell banks
Oysters primarily settle and develop in intertidal habitats creating reefs or banks. In South Carolina 95% of oysters are intertidal, but occasionally they develop in subtidal areas. These reefs contain live oysters as well as remaining shells from previous generations and create a critical part of habitat for a healthy estuarine ecosystem. Live oysters provide services such as filtering the water and releasing nutrients into the tidal creeks. The structure of an oyster reef provides sediment stabilization, protection for mobile species and habitat for other sessile species. Invertebrates such as clams, mussels, anemones, polychaetes, amphipods, sponges and crabs inhabit oyster reefs and are prey for finfish such as striped bass, red and black drum (SAFMC, 1998). Intertidal oyster reefs stabilize and help preserve other habitats such as intertidal flats and estuarine emergent wetlands. By protecting these habitats, oyster reefs indirectly provide feeding and nursery areas for federally managed species such as gray snapper and white and brown shrimp (SAFMC, 2009a).

4. Managed Fishery Species

White shrimp (*Litopenaeus setiferus*)
Recruitment of white shrimp into estuarine waters generally begins in April and May (SAFMC 1998). The mud-silt substrate and salinity distribution of the estuary provide a suitable feeding environment for juvenile shrimp, providing benthic worms, plant matter, and decaying animals (Wenner, E., 2004). Juveniles forage and mature in tidally influenced nursery areas. Beginning in August and running through December, white shrimp egress to more saline waters. Some smaller adult individuals may remain in the estuary over the winter (SAFMC 1998).

Brown shrimp (*Farfantepenaeus aztecus*)
Year-round spawning of brown shrimp occurs offshore in deeper water habitat with the eggs hatching soon after release (Lassuy, 1983). Postlarvae begin moving into estuarine areas around February, with the peak movement periods occurring through March and April (Wenner, E., 2004). Postlarvae remain in the estuary, foraging and developing into juveniles. Juveniles feed on detritus, algae, polychaetes, amphipods, nematodes, ostracods, chironomid larvae, and mysids (Lassuy, 1983). The shelter of the estuarine emergent wetlands provides an optimal area for shrimp to safely forage (SAFMC, 1998). Egress of adult brown shrimp to offshore areas generally takes place during May through August (Lassuy, 1983).

Snapper Grouper Complex
The snapper grouper plan manages 73 species of fish in the sea bass and grouper (*Serranidae*), wreckfish (*Polyproionidae*), snapper (*Lutjanidae*), porgy (Sparidae), grunt (*Haemulidae*), jack (*Carangidae*), tilefish (*Malacanthidae*), triggerfish (*Balistidae*), wrasses (*Labridae*) and spadefish (*Eppiphidae*) families (SAFMC, 2009b). Although species from eight of these families use estuaries opportunistically, there are only five species that are estuarine-dependent. These species include gag (*Mycteroperca microlepis*), goliath grouper or jewfish (*Epinephelus itajara*), cubera snapper (*Lutjanus cyanopterus*), gray snapper (*L. griseus*) and dog snapper (*L. jocu*). The lifecycles of these estuarine dependent species differ, but during at least one stage they are restricted to estuarine habitats including estuarine emergent vegetated wetlands, tidal creeks, oyster reefs and shell banks and unconsolidated bottoms (Lindeman, Pugliese, Waugh & Ault, 2000).

The gray snapper is the only species in the snapper grouper plan that is included in NOAA's Estuarine Living Marine Resource Program (ELMR). The gray snapper spawns offshore during summer and early fall and the eggs and larval habitat is also offshore. The juvenile stage is estuarine dependent and primarily uses grassbeds as its habitat, but is also found in mangroves and hardbottom habitats. Juveniles are common in the Stono River and North Edisto River during the months of September and October. Adult gray snapper can be found in estuaries and rivers, but deeper marine waters are their primary habitat (SAFMC, 1998).

Bluefish (*Pomatomus saltatrix*)
Bluefish are schooling fish that migrate to the Middle Atlantic Bight (MAB) during the spring, then south or farther offshore in the fall. While in the MAB they are found in large bays, estuaries and across the continental shelf. Blue fish spawn twice a year, once during March-May near the edge of the continental shelf of the South Atlantic Bight (SAB) and the second during June-August in the MAB. Eggs and larvae are found in the oceanic waters and the larvae primarily feed upon copepods. The juvenile stages can be found in estuaries, bays and the coastal ocean of the MAB and SAB. Juveniles utilize many habitats, but do not use the marsh surface. They feed upon crustaceans, polychaetes and fish. During October, they depart MAB estuaries and migrate south (SAFMC, 2009a).

Summer Flounder (*Paralichtys dentatus*)
Summer flounder spawn, during their fall and winter migration, in the open ocean over the continental shelf. Larvae and post-larvae migrate inshore to coastal and estuarine nurseries from October to May. The larval stages live in the water column and feed mostly on immature copepodites until metamorphosis to juveniles occurs. During

metamorphosis, the right eye moves across the top of the head. At this stage, the summer flounder settles to the bottom and begins to bury itself to complete the juvenile development. During the juvenile stage the fish are opportunistic feeders. Early stages feed on crustaceans and polychaetes, then in later juvenile stages fish become part of their diet. Estuarine marsh creeks widely used as nursery for juveniles, but they can also be found in seagrass beds, mudflats and open bay areas. Juvenile summer flounder are most abundant in areas with sandy bottoms, sand/shell substrate or in areas where the bottom is transitioning from sand to silt and clay. Although, in the Charleston Harbor, SC they are also abundant in other substrates including mud, shell hash and oyster bars (SAFMC, 2009a).

Other Fishes

The waters of the surrounding area also serve as nursery and forage habitat for other species including black drum (*Pogonia cromis*), red drum (*Sciaenops ocellatus*), striped bass (*Morone saxitalis*), Atlantic menhaden (*Brevoortia tyrannus*), and blue crab (*Callinectes sapidus*) that serve as prey for other species (e.g., mackerels, snappers, and groupers) that are managed by the SAFMC, and for highly migratory species (e.g., billfishes and sharks) that are managed by the National Marine Fisheries Service. Blue crab and many finfish prey upon penaied shrimp. Commercially important larval fishes move through the estuarine waters in mid-winter to feed on plankton (SAFMC, 1998).

Oysters and Shellfish

The eastern oyster (*Crassostrea virginica*) and the hard clam (*Mercenaria mercenaria*) are harvested along the coast of South Carolina. The eastern oyster is very commonly found in the intertidal estuaries of South Carolina. This species adapts well to changes in the chemistry of the water and the oyster beds provide stability to the shoreline. The hard clam is found in intertidal and subtidal areas. This species requires high salinity waters, but can live in a variety of substrates including sand, mud and shell (Walker, 2005).

The tidal salt marsh and the surrounding area are classified as Shellfish Harvesting waters (SFH) by the South Carolina Department of Health and Environmental Control (SCDHEC).

5. Analysis of Effects on Essential Fish Habitat

The interchange study area is located within the Santee River Basin (HUC 03050202), which is sub-divided into the Santee River and Cooper River/Ashley River basins, which are further divided into sub-basins. The study area is primarily located within the Ashley River watershed unit (HUC 10: 0305020106), with a small portion on the eastern side of the study area being located in the Cooper River watershed unit (HUC 10: 0305020107).[4] The Ashley River watershed unit primarily consists of the Ashley River and its tributaries, from Dorchester Creek to Charleston Harbor.[5] The Cooper River watershed unit primarily consists of the Cooper River and its tributaries, from the convergence of the West Branch Cooper River and the East Branch Cooper River to

[4] SCDHEC, Water Quality Information, http://gisweb00.dhec.sc.gov/water/Stormwater.html?mode=1/ (August 23, 2012).

[5] SCDHEC Bureau of Water, *Watershed Water Quality Assessment: Santee River Basin*, Technical Report No. 013-05, 2005, pp. 109-112.

Charleston Harbor.[6] According to the USGS Charleston, SC 7.5 minute topographic quadrangle map, there are no named waterbodies within the study area. The nearest named waterbodies include the Ashley River to the west and Shipyard Creek to the east.

An area of tidal marsh associated with an un-named tidal tributary to the Ashley River is situated along the west side of the proposed project, between Austin Avenue and the ramp from Spruill Avenue to I-26 (refer to Figure 2). Emergent vegetation in this tidal marsh varies from cordgrass (*Spartina alterniflora*) to black needlerush (*Juncus roemerianus*), with high marsh areas of salt grass (*Distichlis spicata*) and saltmeadow cordgrass (*Spartina patens*). Shrub areas at the edges are dominated by marsh elder (*Iva frutescens*), sea oxeye daisy (*Borrichia frutescens*), and groundsel tree (*Baccharis halimifolia*).

An approximately 0.7-acre wetland that is transitional between a typical freshwater marsh community and more of a shrub and tree dominated wetland habitat was identified along the west side of the proposed project, just northwest of the point where I-26 crosses Austin Avenue (refer to Figure 2)**.** When this wetland was evaluated early in the development of this project, it was dominated by cattail (*Typha latifolia*), with subdominant species including bulrush (*Scirpus* sp.), soft rush (*Juncus effusus*), sedges (*Carex* spp.), and bushy bluestem (*Andropogon golmeratus*). During a field evaluation conducted on August 27, 2012, it was noted that the community now has increased percent cover of trees and shrub species that are rapid colonizers such as sweetgum, red maple, willow (*Salix* sp.), wax myrtle (*Myrica cerifera*), and Chinese tallow (*Triadica sebifera*). Other species present include netted chain fern (*Woodwardia areolata*), sensitive fern (*Onoclea sensibilis*), and Virginia chain fern (*Woodwardia virginica*). This area is partially within a power line easement and as a result it experiences a repeated cycle of disturbance and regrowth due to on-going maintenance.

No streams occur within the project area, but a small section of a freshwater tidally influenced ditch approximately 115 feet in length was identified within the limits of the wetland determination that was provided for the project. This ditch drains into the salt marsh described above.

The potential for actions to impact managed species will vary based on life history stage, habitat use, distribution, and abundance of the managed species. Fish managed in the snapper grouper complex, and brown and white shrimp all utilize the estuarine water column, estuarine emergent wetlands, and intertidal flats at various stages in their life histories. Table 1 summarizes possible temporary and permanent impacts.

[6] SCDHEC Bureau of Water*, Watershed Water Quality Assessment: Santee River Basin,* Technical Report No. 013-05, 2005, pp. 84-89.

Table 1. Potential Impacts to EFH

Habitat Type	Temporary Impacts		Permanent Impacts	
	Indirect	Direct	Indirect	Direct
Estuarine water column	None	None	None	None
Intertidal flats	None	None	None	None
Estuarine emergent wetlands	None	None	Shading	None

Temporary Impacts

During construction activities temporary siltation may occur in the water column, along the intertidal flats and along the estuarine emergent wetlands margins. Temporary siltation may cause indirect impacts by affecting thermal loading in the environment. Alterations in light attenuation in the water column can cause decreased visibility for organisms, affecting feeding, movement, and predator avoidance. Redistribution of sediments can alter nutrient distribution, dissolved oxygen levels, and primary productivity locally and throughout the estuarine waters. When suspended sediments begin to settle on the floor of the estuary, this can cause direct impacts to benthic communities by smothering and burying organisms (Berry et al., 2003). The process for installing bents involves placing a bent template and then setting each pile within the template for that bent. Setting the piles will cause the most disruption of the sediment, but each pile will only take approximately 15-20 minutes to set. Once set, the piles weight will naturally cause them to sink a few feet into the sediment. After all of the piles have been set, the pile driving will begin. Composite piles compress the sediment around them when they are driven. So the pile driving action will not cause increased turbidity, but instead will cause the sediment to become denser around the pile. After the piles are driven for that bent, the template will be moved and the piles will be placed for the next bent. Piles would be driven immediately adjacent to the salt marsh habitat, not in the marsh; therefore, any temporary increase in turbidity would only cause minimal affects to the adjacent salt marsh and the un-named tidal tributary to the Ashley River. Estuaries of the southeast Atlantic coast often receive large sediment loads from rivers and natural turbidity levels are relatively high. Since turbidity is a natural condition along South Carolina's coast, impacts from this construction are expected to be relatively minor. Impacts should be minimal and will be limited to the immediate area of the construction.

Although no piles will be placed within the wetland areas, they will be placed immediately adjacent to the tidal salt marsh area. Increased noise levels are an additional concern within the water column during pile driving. Although some fish species can be injured or killed by pile driving, there is not much research on the detailed effects of increased noise. Some species (i.e. hearing specialists) of fish are very dependent on their hearing and can become disoriented or permanently injured from loud noises like pile driving. Other species (i.e. hearing generalists) do not rely on

hearing as much or are not as sensitive to changes in sounds or pressure changes and are less likely to be injured. Unfortunately, there has only been a small amount of research done on a select few species within lab conditions where the specimens were confined, so it is difficult to extrapolate this data. It is also unknown how different types of piles (steel or concrete) or the frequency of driving can increase or decrease these potential effects in each individual setting (Popper & Hastings, 2009). Although there is a possibility of impacts to fish within the construction area due to increased noise, it is expected that most of the adult fish will move away from the construction area during times where the noise is significantly increased.

Table 2. Quantities of Temporary Impacts

Habitat Type	Temporary Impacts	
	Indirect	Direct
Estuarine water column	Not quantifiable	None
Tidal Creek	Not quantifiable	None
Intertidal flats	Not quantifiable	None
Estuarine emergent wetlands	Not quantifiable	None
Total	Not quantifiable	None

Permanent Impacts

Based on preliminary construction limits, the proposed project would result in 0.057 acre of clearing and grubbing impact to the isolated freshwater marsh wetland described above. A portion of the tidally influenced ditch and a portion of the salt marsh would be crossed by a ramp associated with the proposed project; however the ramp would be elevated on piles ranging from approximately 20 to 26 feet above the marsh surface, and would span these jurisdictional areas without permanently impacting them.

SCDHEC has five surface water quality monitoring stations located in close proximity to the study area; Stations MD-243, MD-046, MD-047, MD-135, and MD-052. Station MD-243, located in Shipyard Creek, is the closest station to the study area. Stations MD-046 and MD-047 are both located in the Cooper River, and Stations MD-052 and MD-135 are located in the Ashley River. Of these stations, only Station MD-052 is listed on SCDHEC's 2010 303(d) List as impaired for aquatic life due to elevated levels of copper.[7]

[7] SCDHEC Bureau of Water, *303(d) List- State of South Carolina Integrated Report for 2010, Part I: Listing of Impaired Waters,* 2010, http://www.scdhec.gov/environment/water/tmdl/docs/tmdl_10-303d.pdf (August 23, 2012).

Station MD-052 is located downstream of the study area. Inorganic materials deposited on the roadway by vehicles braking and accelerating and pesticides and herbicides that may be used during normal ROW maintenance could potentially be transported downstream by stormwater runoff. Stormwater control measures, both during construction and post-construction, are required for SCDOT projects constructed in the vicinity of 303(d), TMDL, ORW, tidal, and other sensitive waters in accordance with the SCDOT's MS4 Permit. Therefore, it is anticipated that the proposed project would not further degrade downstream water quality in the Ashley River.

Minor shading could occur due to the new elevated ramps. An increase in shaded areas can affect underlying benthic and vegetative communities. The new ramps will not directly shade the tidal salt marsh although they may block some sunlight during a portion of the daylight hours and no adverse effects are likely. As previously mentioned the new ramp over the salt marsh will range in height from 20 feet to 26 feet above the ground surface. The ramp will be located to the east-southeastern portion of the tidal salt marsh. Therefore, the greatest potential for shading impacts would be during the late morning hours through mid-day. Any impacts would likely be minimal.

No permanent direct impacts to the intertidal flats and estuarine emergent wetlands due to the fact that the new ramps will completely span these areas.

Table 3. Quantities of Permanent Impacts

Habitat Type	Permanent Impacts				
	Existing Indirect	Indirect	Existing Direct	Direct	Net Direct
Estuarine water column	None	None	None	None	None
Tidal Ditch	None	None	None	Minor Shading	None
Intertidal flats	None	None	None	None	None
Estuarine emergent wetlands	None	None	None	Minor Shading	None
Total	None	None	None	Minor Shading	None

6. Avoidance and Minimization Measures

The SCDOT considered several options in the planning process to minimize impacts to the environment. During the Port EIS study, numerous geometric designs and alternate alignments were considered for the proposed interchange. Avoidance of direct impacts to Essential Fish Habitat on the I-26 interchange project was accomplished by spanning the salt marsh and tidally influenced ditch identified during the wetland delineation. Potential noise impacts to fish could be minimized be driving piles during low-tide periods.

Given the potential for temporary siltation and erosion, the contractor would be required to minimize these actions through implementation of construction Best Management Practices (BMP), reflecting policies contained in 23 CFR 650B and the Department's Supplemental Specifications on Seeding and Erosion Control Measures of August 15, 2001. No in-water work is proposed, therefore, no special provisions for in-water work are required.

No contaminants will be released into the water. The Department has emergency spill recommendations to the contractor in the event of an accident. If a leak is evident or a spill occurs, the contractor should be notified and should verify that it is mitigated as soon as practical by authorized personnel. Any unused or contaminated materials should be disposed of in accordance with Federal, State, and local laws.

7. Conclusions

In addition to the above considerations, the proposed project will not encourage future development that would cause the incremental loss of the cited fishery resources in this report. It is the determination of the Department that the proposed project is not likely to adversely impact the tidal salt marsh within the construction footprint or in close proximity of the project. Since there will be no impacts to the essential fish habitat and possibly aquatic species managed by the SAFMC, compensatory mitigation will not be required of the contractor and further coordination through NOAA will not be required. However, an on-site meeting was held on March 18, 2013 and NMFS indicated that due to the fact the wetlands are of poor quality and would be spanned, they have no EFH impact concerns. If as the project moves forward it becomes apparent that impacts to the salt marsh would result from construction of the interchange, coordination with NOAA-NMFS would be initiated at that time.

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Table 2
State Protected Species Known to Occur in Charleston County[a]

COMMON NAME	SCIENTIFIC NAME	STATE STATUS	PREFERRED HABITAT[b]	HABITAT PRESENT?
Wilson's Plover	*Charadrius wilsonia*	Threatened	Beaches, barrier and spoil islands, salt ponds, tidal mudflats, inlets, bays, estuaries, and sandbars and mudbanks of rivers near the coast	Yes
Spotted Turtle	*Clemmys guttata*	Threatened	Unpolluted, shallow waters with a soft bottom and aquatic vegetation; small marshes, bogs, woodland streams, swamps, ponds; in some areas in brackish tidal streams.	No
Rafinesque's Big-eared Bat	*Corynorhinus rafinesquii*	Endangered	Dilapidated buildings, under bridges, under loose bark of trees and in large cavity trees	Yes
American Swallow-tailed Kite	*Elanoides forficatus*	Endangered	Pine forests, cypress swamps, savannas, hardwood hammocks, riparian forests, and freshwater and brackish marshes.	Yes
Dwarf Siren	*Pseudobranchus striatus*	Threatened	Cypress and gum swamps	No
Gopher Frog	*Rana capito*	Endangered	Sandhills, xeric to mesic flatwoods, sand pine scrub, xeric oak hammocks, associated with gopher tortoises; shelters in burrows of gopher tortoise or rodents, under logs; breeds in ephemeral to semi-permanent herbaceous wetlands	No
Least Tern	*Sterna antillarum*	Threatened	Seacoasts, beaches, bays, estuaries, lakes, and rivers ; nests on level ground on sandy or gravelly beaches riverbanks in areas with sparse or no vegetation; also nests on flat gravel-covered rooftops of buildings	Yes

Source: SCDNR, http://www.dnr.sc.gov/species/pdf/Charleston2012.pdfhttp://www.dnr.sc.gov/species/pdf/Charleston2012.pdf, (August 31, 2012).
[a] Not including species that are also federally listed.
[b] NatureServe, NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. http://www.natureserve.org/explorer, (August 31, 2012).

NOISE TECHNICAL REPORT

For

Port Access Road Interchange at Interstate26

in the City of Charleston, SC

Prepared For:

SCDOT

Prepared By:

CDM Smith

October 1, 2012

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ACRONYMS AND ABBREVIATIONS USED IN THIS REPORT

FHWA	Federal Highway Administration
CFR	Code of Federal Regulations
dB	decibel
dBA	A-weighted sound level in decibels
Leq	equivalent sound pressure level
NAC	noise abatement criteria
TNM 2.5	FHWA Traffic Noise Model Version 2.5
SCDOT	South Carolina Department of Transportation

NOISE TECHNICAL REPORT

Port Access Road Interchange at Interstate 26

INTRODUCTION & PROJECT DESCRIPTION

The proposed Port Access Road interchange is located in the City of North Charleston, Charleston County, South Carolina, in the industrial "Neck" area near the old Charleston Navy Base. The proposed project is a new freeway interchange on I-26, located south of the existing Meeting Street ramps (Exit 217) (See Figure 1).

The proposed project will remove the existing Spruill Avenue ramps (Exit 218) and build a new full movement directional T-interchange connecting to a new Port Access Road. The new Port Access Road will connect to the Navy Base Terminal (NBT) that is currently under construction by the South Carolina State Ports Authority (SCSPA) on the west banks of the Cooper River at the old Navy Base.

This analysis will follow Federal Highway Administration (FHWA) Regulation 23 CFR 772, "Procedures for Abatement of Highway Traffic Noise and Construction Noise" and the South Carolina Department of Transportation (SCDOT) "Traffic Noise Abatement Policy," July 2011.

According to FHWA, there are two types of projects:

Type I Project - Noise abatement accomplished in conjunction with a construction or reconstruction project on a section of federal-aid highway, as designated in 23 CFR Part 772.

Type II Project - Noise abatement on an existing section of a federal-aid highway which does not include construction or reconstruction, as designated in 23 CFR Part 772.

The proposed project is designated as a Type I project.



Figure 1

PROJECT STUDY AREA MAP

FUNDAMENTALS OF NOISE

Noise has been defined as unwanted sounds, particularly those without agreeable musical qualities. The sounds generated by vehicular traffic constitute noise to people, and can disrupt normal activities when they reach a certain level. Sound from highway traffic is generated primarily from a vehicle's tires, engine and exhaust. It is commonly measured in decibels and is expressed as "dB."

The ear is responsive to sounds having a tremendous range in intensity; a "strong" sound, such as that produced by a rocket, may produce sound energy that is a billion times greater than that produced by a "weak" sound, such as a drop of a pin. For this reason, and because the sensitivity of the ear is more logarithmic than linear in its response, sound levels are expressed on a logarithmic scale. Using a base ten logarithm to measure relative sound pressure, the range one to one billion would be compressed to a scale of 0 to 9. Thus, this is a system based on the number of tenfold increase, rather than on the actual number itself.

The numbers 0 to 9 represent relative quantities, and the quantity measured on such a scale is referred to as a level. Scientists and engineers usually work with energy quantities that would be proportional to the square of the sound pressure rather than the sound pressure itself. This presents no difficulty, since the logarithm of a squared number is two times the logarithm of the original number; therefore, instead of a range of levels 0 to 9, the range runs from 0 to 18 for the sound pressure squared. The unit on this scale is called "bel". The bel has been divided into 10 smaller units known as decibels, so that the range of sound pressures, from the approximate threshold of hearing to rocket noise, runs from 0 to 180 decibels. **Figure 2** shows some examples of common noise sources and their sound levels.

The decibel scale is extremely useful; however, it can be puzzling since the mathematical operations differ from those which are normally used with linear scales. On a linear scale, the total sound generated by two identical noise sources would be twice the sound of one of the sources operating alone. However, on a logarithmic scale, the total sound pressure level resulting from two identical noise sources would be 3 dBA (decibels) higher than the level produced by either source alone. (If a number is doubled, its logarithm will always go up by 0.3; 0.3 bels = 3 decibels). If two sound sources whose levels differ by more than 10 dBA are added together, the resulting level will be less than 0.5 dBA higher than the level produced by the greater source operating alone.

The [A] in dBA is an abbreviation referring to sound frequency. Sound occurs over a wide range of frequencies. However, not all frequencies are detectable by the human ear; therefore, an adjustment is made to the high and low frequencies to approximate the way an average person hears traffic sounds. This adjustment is called A-weighting and is expressed as "dBA."

Common Sound / Noise Levels		
Outdoor Noise	**dBA**	**Indoor Noise**
	110	Rock band at 16.5 feet
Jet flyover at 990 feet		
Pneumatic hammer	100	Subway train
Gas lawn mower at 3.3 feet		
	90	Food blender at 3.3 feet
Downtown area (large city)	80	Garbage disposal at 3.3 feet
		Shouting at 3.3 feet
Lawn mower at 99 feet	70	Vacuum cleaner at 9.9 feet
Commercial area		Normal speech at 3.3 feet
Air conditioning unit	60	Clothes dryer ar 3.0 feet
Babbling brook		Large business office
Quiet urban (daytime)	50	Dishwasher (next room)
Quiet urban (nighttime)	40	Library
	30	
	20	
	10	
		Threshold of hearing
	0	

Figure 2 - Common Sound/ Noise Levels

Figure 2 indicates that most individuals in urban areas are exposed to fairly high noise levels from many sources as they go about their daily activities. The degree of disturbance or annoyance of unwanted sound depends essentially on three things:

1. The amount and nature of intruding noise,
2. The relationship between the background noise and the intruding noise, and
3. The type of activity occurring when the intruding noise is heard.

In considering the first of these three factors, it is important to note that individuals have different hearing sensitivity to noise. Loud noises bother some people more than others and

some individuals become angered if an unwanted noise persists. The time patterns of noise also enter into a person's judgment of whether or not a noise is objectionable. For example, noises occurring during sleeping hours are usually considered to be more objectionable than the same noises in the daytime.

With regard to the second factor, individuals tend to judge the annoyance of an unwanted sound in terms of its relationship to noise from other sources (background noise). The blowing of a car horn at night, when background noise levels are approximately 45 dBA, would generally be much more objectionable than the blowing of a car horn in the afternoon, when background noise levels might be 55 dBA.

The third factor is related to the disruption of an individual's activities due to noise. In a 60 dBA environment, normal conversation would be possible while sleep might be difficult. Work activities requiring high levels of concentration may be interrupted by loud noises while activities requiring manual effort may not be interrupted to the same degree.

Over a period of time, individuals tend to accept the noises that intrude into their daily lives, particularly if the noises occur at predicted intervals and are expected. Attempts have been made to regulate many types of noises including airplane noise, factory noise, railroad noise, and highway traffic noise. In relation to highway traffic noise, methods of analysis and control have developed rapidly over the past few years.

Noise levels in this analysis are based on an L_{eq} descriptor. The L_{eq} descriptor, or equivalent sound level, refers to the steady-state (constant sound) A-weighted sound level, which contains the same acoustic energy as the actual time - varying sound levels during the same time period. In other words, the fluctuating sound levels of the traffic noise over a period of time are represented in terms of a constant noise level with the same energy content. The time period used corresponds with the peak hour traffic period. The L_{eq} noise descriptor is commonly used by the FHWA in traffic noise analysis.

Noise emanating from a roadway can follow four paths (**Figure 3**):

1. Direct Path: The noise follows a straight path from the source to the receptor.

2. Diffracted Path: The noise follows a path from the source to the top of a barrier and then is bent down toward the receptor.

3. Reflected path: The noise is bounced off of a barrier and concerns only the receptor on the opposite side of the roadway from the barrier.

4. Transmitted Path: The noise is transmitted directly through the barrier.

Thus, a wall, building, earth berm, hill, or other type of solid structure or terrain feature, if large enough, can serve as a partial sound barrier, and can provide some reduction at receptors in the

"shadow zone" created by the barrier. For maximum effect, the barrier must break the line of sight between the noise source and the receptor.

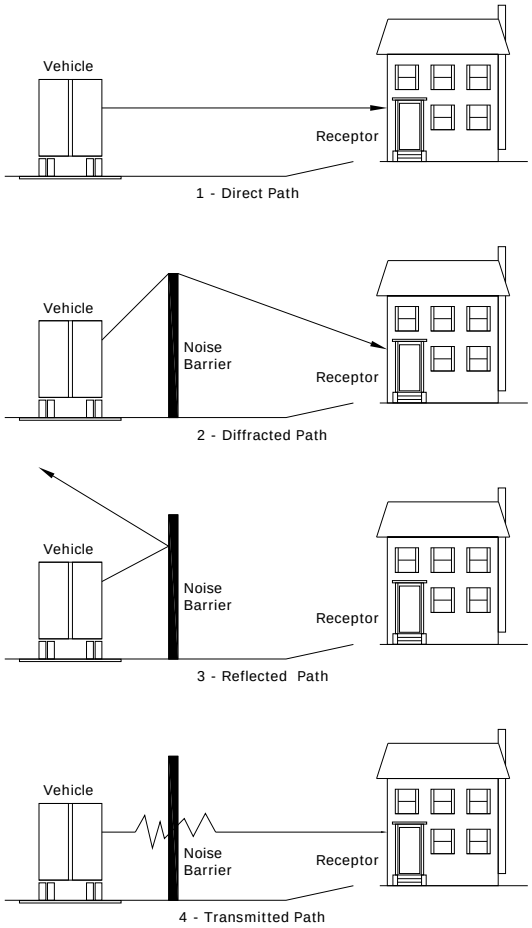


Figure 3 - Different paths followed by Noise

Highway traffic noise is never constant. The noise level is always changing with the number, speed and type of the vehicles which produce the noise as well as the driving habits of the vehicle operator. Generally, the loudness of traffic noise is increased by heavier traffic volumes, higher speeds, and greater numbers of trucks. Vehicle noise is a combination of the noises produced by the engine, exhaust, and tires. The loudness of traffic noise can also be increased by defective mufflers or other faulty equipment on vehicles. Any condition (such as a steep incline) that causes heavy laboring of motor vehicle engines will also increase traffic noise levels. In addition, there are other more complicated factors that affect the loudness of traffic noise.

For example, as a person moves away from a highway, traffic noise levels are reduced by distance, terrain and vegetation, as well as natural and manmade obstacles. Traffic noise is not usually a serious problem for people who live more than 500 feet from heavily traveled

freeways or more than 100 to 200 feet from lightly traveled roads. **Figure 4** shows the effect of traffic volume, speed and trucks on noise.

Causes of Traffic Noise

The level of highway traffic noise depends on three things:

1. the volume of the traffic,
2. the speed of the traffic, and
3. the number of trucks in the flow of traffic.

How Traffic Volume Affects Noise



2000 vehicles per hour sounds twice as loud as



200 vehicles per hour

How Speed Affects Traffic Noise



Traffic at 65 miles per hour sounds twice as loud as



traffic at 30 miles per hour

How Trucks Affect Traffic Noise



One truck at 55 miles per hour sounds as loud as



28 cars at 55 miles per hour

Figure 4 - Effect of traffic volume, speed and trucks on Noise

NOISE ABATEMENT CRITERIA

To determine if highway noise levels are compatible with various land uses, the Federal Highway Administration (FHWA) has developed noise abatement criteria and procedures to be used in the planning and design of highways. These abatement criteria and procedures are in accordance with Title 23 Code of Federal Regulations (CFR), Part 772, U.S. Department of Transportation, FHWA, Procedures for Noise Abatement of Highway Traffic Noise and Construction Noise. A summary of FHWA Noise Abatement Criteria (NAC) for various land uses is presented in Table 1.

Table 1
Noise Abatement Criteria (NAC)

Activity Category	*Activity Criteria Leq(h)*	*Evaluation Location*	*Activity Description*
A	57	Exterior	Lands on which serenity and quiet are of extra ordinary significance & serve an important need & where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B\3	67	Exterior	Residential
C\3	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, daycare centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools , television studios, trails, and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E\3	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	-	-	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities(water resources, water treatment, electrical), and warehousing
G	-	-	Undeveloped lands that are not permitted

**Either Leq(h) or L10(h) (but not both) may be used on a project.*
†The Leq(h) and L10(h) Activity Criteria values are for impact determination only and are not design standards for noise abatement measures.
‡Includes undeveloped lands permitted for this activity category.

Source: U.S. 23 CFR, Part 772, USDOT, FHWA

According to FHWA and SCDOT traffic noise policy, "approaching" the NAC is defined as being within one dBA of the NAC. All properties covered by NAC B (generally residential) that have a

calculated L_{eq} value of 66 dBA or higher would "approach or exceed" the 67 dBA NAC B criterion. All properties covered by NAC E (hotels, offices, restaurants) with a L_{eq} value of 71 dBA or higher would "approach or exceed" the 72 dBA NAC C criteria. Properties covered by NAC F have no noise level criteria. A 15 dBA increase is defined by SCDOT as a substantial increase.

When a traffic noise impact occurs, noise abatement measures must be considered. A noise abatement measure is any positive action taken to reduce the impact of traffic noise on an activity area. For the areas where impacts are identified, methods of noise abatement are evaluated to determine the feasibility and reasonableness of their implementation. The evaluation is based on many factors, some of which include constructability, topography, cost, height of wall, and whether changes in existing land use are expected.

LAND USE ANALYSIS AND NOISE READINGS

In order to identify noise sensitive receptors within the study area, a review of aerial photography and field reconnaissance were conducted.

Land use in the study area is industrial (Activity Category F) and residential (Activity Category B). The following subdivisions were identified within the study area based on available aerial mapping:

- Union Heights subdivision
- Windsor subdivision
- Howard Heights subdivision
- Rosemont Subdivision

No land use changes are expected due to the project and the land uses are shown in **Figure 5.**

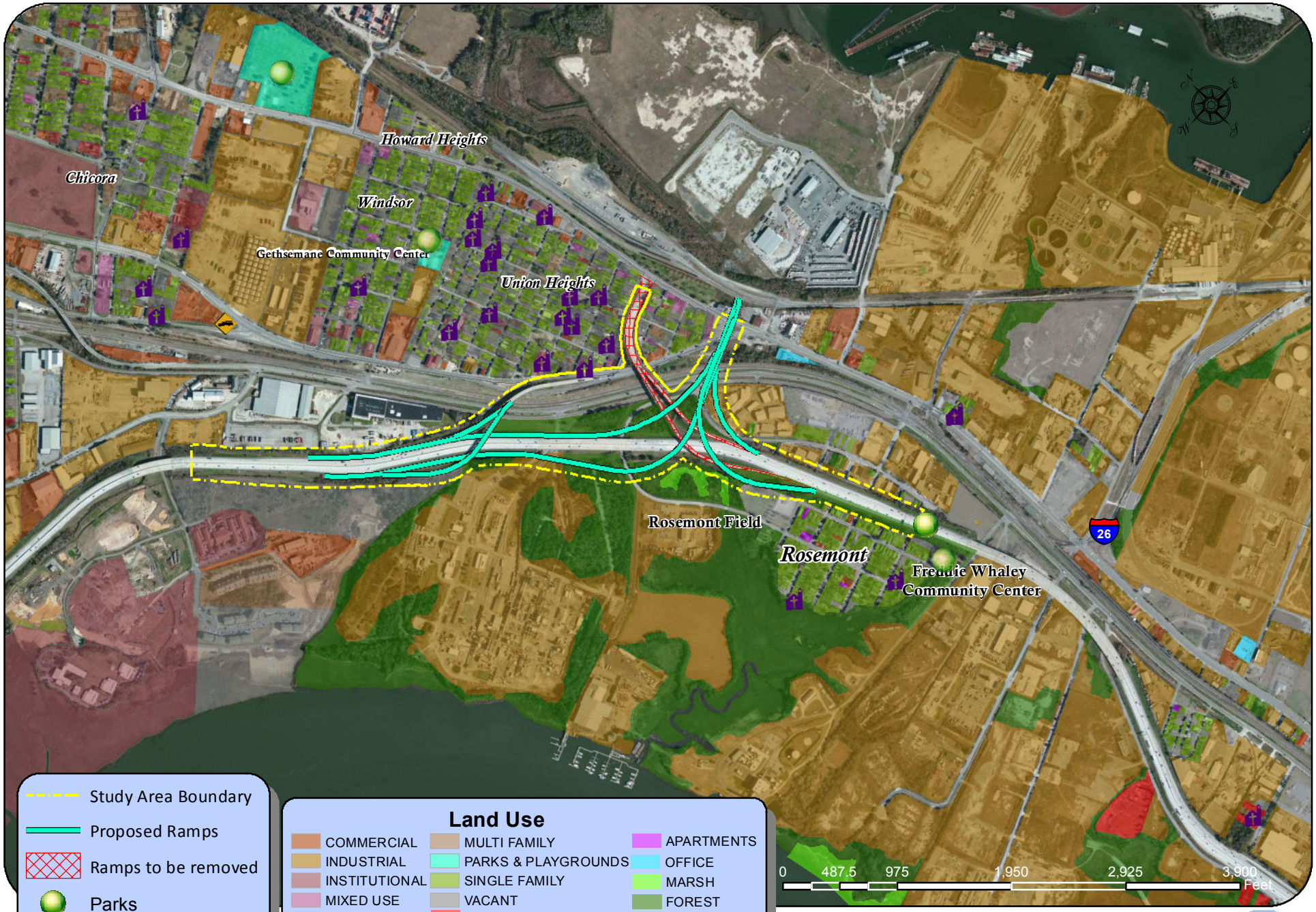

Howard Heights
Chicora
Windsor
Gethsemane Community Center
Union Heights
Rosemont Field
Rosemont
Freddie Whaley
Community Center
26
Study Area Boundary
Proposed Ramps
Ramps to be removed
Parks
FireStations
Churches
Land Use
COMMERCIAL
INDUSTRIAL
INSTITUTIONAL
MIXED USE
MOBILE HOME
MULTI FAMILY
PARKS & PLAYGROUNDS
SINGLE FAMILY
VACANT
CEMETERY
APARTMENTS
OFFICE
MARSH
FOREST
0
487.5
975
1,950
2,925
3,900
Feet

Figure 5

The initial step in a noise analysis involves determining baseline conditions within the study area. Noise measurements were taken during field visits to determine existing background noise levels near the existing roadway and to assist in the validation of the computer noise model. Traffic counts were taken while noise measurements were being recorded within the study area. These traffic counts were used to further validate the model and existing conditions. Additional types of data were also collected during field visits including traffic volumes, posted speeds, background noises, adjacent land uses and weather conditions, shown in Table 2.

Field measurements were taken at six (6) representative locations in the study area using a calibrated Type II SoundPro DL-2 sound level meter during the morning and evening peak hours. Noise measurements were taken during either morning or afternoon peak hours. A map showing the noise measurement locations is shown in **Figure 6** and field notes are included in Appendix A.

Table 2.
Traffic Counts for Field Measurements of Existing Noise Levels

Site	Time	Hourly Traffic Based on Concurrent Traffic Counts								Measured Leq
		Eastbound lanes				Westbound lanes				
		Autos	MT	HT	Speed	Autos	MT	HT	Speed	
1	8:40 am	228	4	52	45	168	8	100	45	76.6dB
2	8:57 am	80	12	4	45	68	0	4	45	67.4dB
3	4:15 pm	3,740	20	60	65	3800	60	100	65	73.0dB
4	7:24 am	28	0	8	45	32	0	4	45	66.4dB
5	7:47 am	2,420	40	40	65	2,420	40	40	65	71.4dB
6	8:41 am	192	4	8	45	160	8	8	45	63.3dB
MT = Medium Trucks HT = Heavy Trucks										
Notes:										

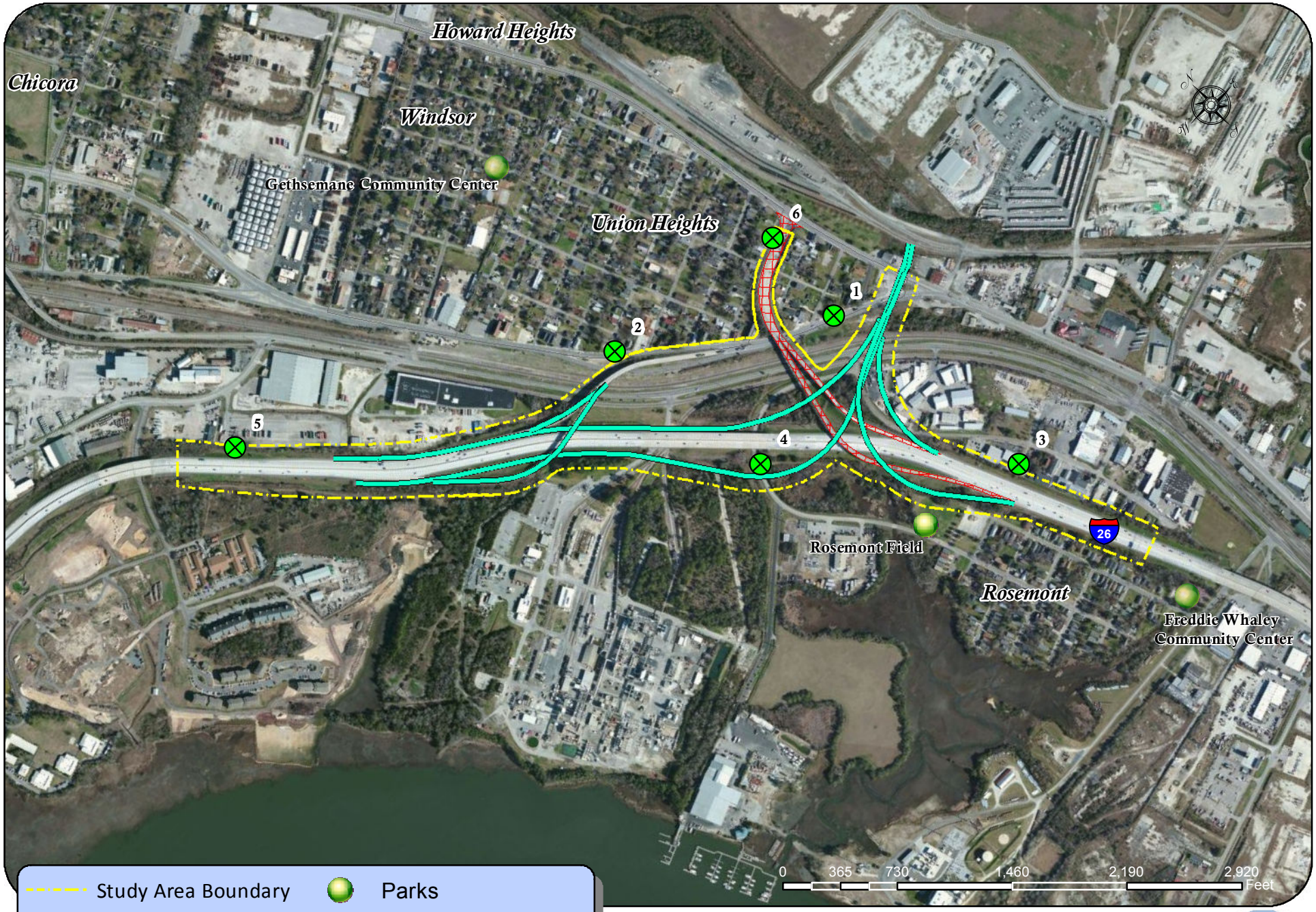

Howard Heights
Chicora
Windsor
Gethsemane Community Center
Union Heights
6
1
2
5
4
3
26
Rosemont Field
Rosemont
Freddie Whaley Community Center
N
E
S
W
Study Area Boundary
Proposed Ramps
Ramps to be removed
Parks
Field Measurements
0
365
730
1,460
2,190
2,920
Feet

Figure 6

EXISTING NOISE LEVELS

In order to verify the accuracy of the Traffic Noise Model (TNM) noise level projections for this project and to establish baseline conditions, ambient noise measurements were taken in the project's study area. The actual locations of roadways and receptors were input using the coordinate geometry system. Traffic volumes for each vehicle type observed during the test periods were converted to hourly values and modeled in TNM in order to calculate the noise levels for comparison with the noise levels actually measured using the noise meter. **Table 3** lists each measurement site along with the field measured noise level and the corresponding computer generated (TNM) noise level.

Table 3.
Field Measurement vs. TNM Prediction

Field Location	Land Use Type	Field Measurement (dBA)	TNM Predictions (dBA)	Difference +/-
SITE # 1	Residential	76.6	73.9	-2.7
SITE # 2	Residential/Church/Business	67.4	65.4	-2.0
SITE # 3	Industrial	73.0	73.9	0.9
SITE # 4	Industrial/Undeveloped	66.4	64.3	-2.1
SITE # 5	Industrial	71.4	69.9	-1.5
SITE # 6	Residential	63.3	65.3	2.0

A review of the results indicates that the TNM computer model predicted noise levels range between 64.3 dBA and 73.9 dBA. In two of the six cases, the field measured noise levels were higher than TNM predicted. Where TNM predicted lowers noise levels, factors such as background noise from horns and other outside factors were noted. Usually, a result within a range of 3 dBA is considered valid if no background noise is present. Based on the overall results from TNM prediction, the model is considered valid.

NOISE LEVEL PROJECTIONS

The noise analysis process involves predicting noise levels at various representative locations utilizing the FHWA TNM program (Version 2.5, February 2004). The TNM program performs the noise level predictions by constructing a three-dimensional terrain model encompassing the location of the noise sources and the receptors. Other input variables include traffic data, as well as any existing noise barrier data.

The traffic parameters necessary for model input are peak hour volumes, speed of automobiles, medium trucks, heavy trucks, buses and motorcycles. Medium trucks are defined to include all cargo vehicles with two axles and six tires, generally with gross vehicle weight between 9,900 and 26,400 lbs. Heavy trucks include cargo vehicles with three or more axles, generally with gross weight of more than 26,400 lbs.

The input for the roadway model is the geometric data which includes the horizontal coordinates and elevations of points along the roadway alignment, thus creating a roadway in continuous segments.

Receptor location is the specific location of an outdoor area where frequent human activity occurs that might be impacted by highway traffic noise and may benefit from reduced noise levels. TNM model assigns receptor elevations at five (5) feet above the existing ground level to simulate the height of a person's ear and thus, the noise level that a person perceives.

Noise levels were predicted for existing (2009) and future (2035) peak hour traffic volumes. Noise sensitive land uses and receptors were identified and modeled. The horizontal and vertical alignments and the ground elevation contour data prepared for the roadway was used to determine appropriate coordinates for the roadway and the receptors. As part of the model, all receptors were considered as exterior and at five feet from the ground.

Three hundred eighteen (318) receptor locations were modeled, representing 318 residential, churches, recreation areas and centers, restaurant, vacant lots, commercial and industrial properties. These receptors were identified as either NAC Category B, Category C or Category E.

In addition, SCDOT's Traffic Noise Abatement Policy identifies other non-residential uses that are noise sensitive receptors where quiet is important for normal activities including schools, preschools, daycares, places of worship, hospitals, parks, and campgrounds. The location of the receptor in these cases will be dictated by the location of the noise source and the exterior activity that will be impacted, if any. Seven churches, one community center, three recreation areas, one funeral home, and one health care facility were identified within the project area. The following equation, if required, was used to determine the equivalent number of impacted receivers:

Equivalent # Residents = # Occupants/(# People/Residence) * Usage

# of Occupants = # of students in a school or the # of people in a congregation. For parks, an attempt should be made to contact the owner/operator of the park to estimate the average number of people that utilize the park.

# of People/Residence = Average number of people per residence as defined by the 2010 U.S. Census for the particular project area. For example the average number of people per occupied household for North Charleston, South Carolina is 2.5 according to the 2010 U.S Census. This was rounded to 3 people per residence.

Usage = # of hours used per day/24 hours per day
If school is in session with children for 8 hours per day
Usage = .33 (8 hours divided by 24 hours)

Design Hourly Volume (DHV) data on road segments within the project area were received from the I-26 Port Access Road Interchange Modification Report (IMR), May 2012, along with other TNM model inputs, including peak hour percentages, and automobile, and truck breakdowns. Traffic inputs are shown below in **Table 4**. A complete list of assumptions used for the noise study is included in **Appendix B.**

Table 4.
TNM Traffic Data

	DHV	Cars (.95)	Medium Truck (.03)	Heavy Truck (.02)	Total
2009					
I-26	6300	6048	150	102	6300
Ramps A-D	290	278	7	5	290
2035 No-Build					
I-26	7380	7086	174	120	7380
Ramps A, B	350	336	8	6	350
Ramps C, D	320	307	8	5	320
2035 Build					
I-26	7380	7086	174	120	7380
Ramps A, D	513	492	12	8	512
Ramps B, C	482	463	12	8	483
Ramps G, H	320	307	8	5	320

Noise level projections were conducted for the 2035 No-Build and 2035 Build scenarios and compared to existing noise levels. In the existing 2009 scenario, noise levels approached or exceeded the FHWA noise abatement criteria of 66 dBA at 50 receptors representing 47 residences, one baseball field and one picnic area; in addition, noise levels approached or exceeded the NAC of 66 dBA at one receiver representing 3 empty lots. The existing noise levels ranged from 51.7 dBA to 74.4 dBA.

In the future 2035 No-build scenario, noise levels approached or exceeded the FHWA noise abatement criteria of 66 dBA at 56 receptors representing 52 residences, one baseball field and one picnic area; in addition, noise levels approached or exceeded the NAC of 66 dBA at one receiver representing 3 empty lots. The predicted noise levels ranged from 52.4 dBA to 75.1 dBA.

The future 2035 Build scenario, noise levels approached or exceeded the FHWA noise abatement criteria of 66 dBA at 56 receptors representing 52 residences, one baseball field and one picnic area; in addition, noise levels approached or exceeded the NAC of 66 dBA at one receiver representing 3 empty lots. The predicted noise levels ranged from 52.0 dBA to 75.2 dBA.

For impacted receivers that fell into Category C, Table 5 shows the calculations used to determine the equivalent number of residents. The other Category C receivers, seven churches, one funeral home, and a health care facility, that did not have noise levels that approached or exceeded the NAC and the equivalent number of residents was not calculated for these locations. However, the Freddie Whaley Community Center was identified as a benefited receiver for barrier one and the above formula was used to calculated the number of residents represented by the community center.

Table 5.7
Equivalent Residents Calculations for Non-residential Uses

Name	Land Use Type	Number of Occupants	Usage	Number of Residents
Rosemont Picnic Area	Recreation	50	6 hours/day	4.1 (5)
Rosemont Field	Recreation	100	6 hours/day	8.3 (9)
Freddie Whaley Community Center	Recreation	100	8 hours/day	11

*All calculations used 3 people per residence.

No receptors have a significant increase (15 dBA) in noise levels under the 2035 predictions. Tables showing noise levels for all receptors are included in **Appendix C**.

Table 6.
Summary of Impacted Receivers

NAC Category	Land Use Type	NAC Criteria dBA	Impacted Receivers			Impact Type (Build)
			2009 Existing	2035 No-Build	2035 Build	
B	Residences	66	47	52	52	Sound Level
C	Recreation Area	66	2	2	1	Sound Level
C	Empty Lots	66	3	3	3	Sound Level

The 2035 scenario predicted an average increase of 2 dBA above the existing scenario. Typical sound level change vs. loudness relation is shown in **Table 7**.

Table 7:
Sound Level Change vs. Loudness

Sound Level Change	Relative Loudness
1 dBA	No perceptible change
3 dBA	Barely perceptible change
5 dBA	Readily perceptible change
10 dBA increase	Perceived as twice as loud

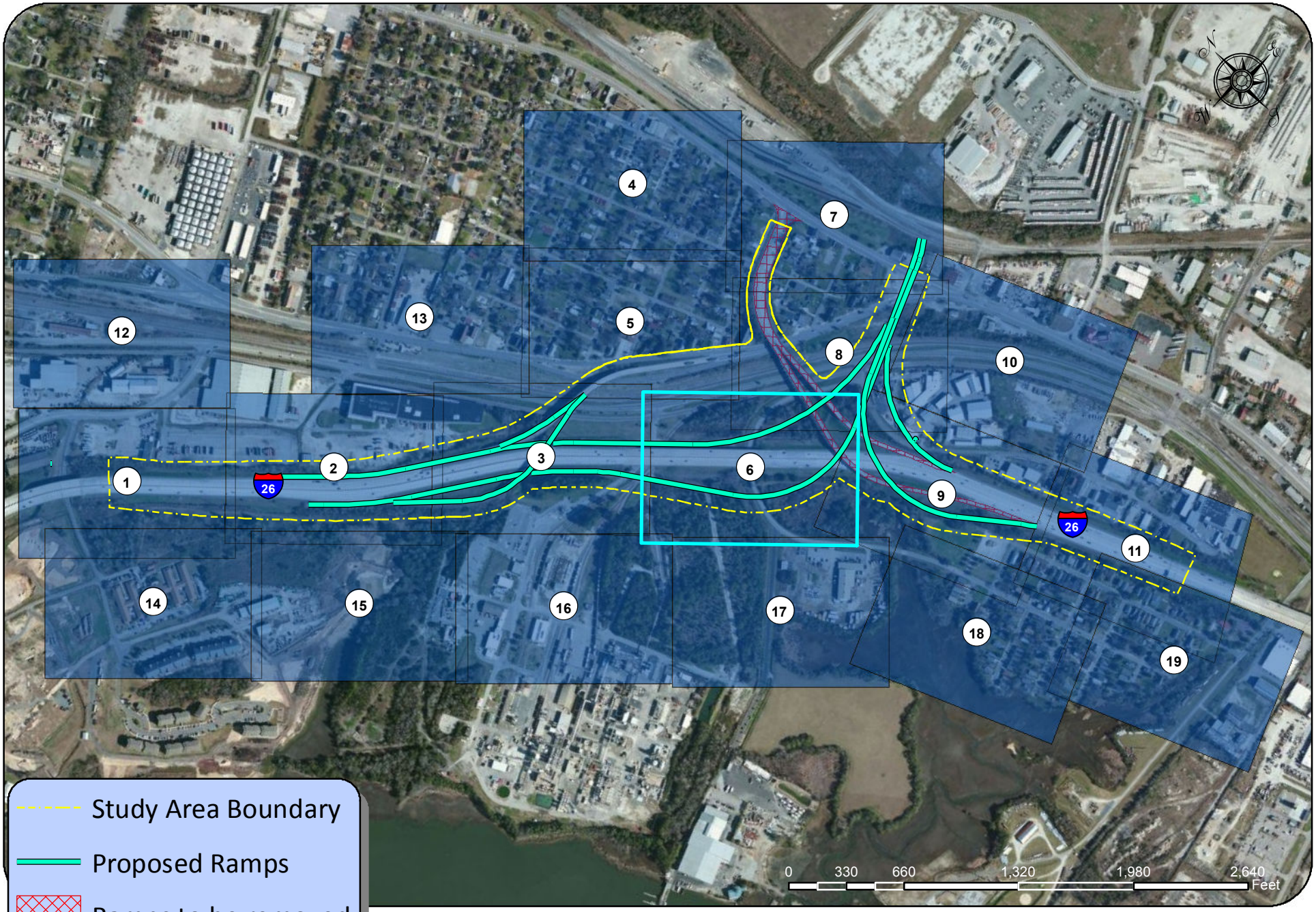
Figure 7 show the noise levels and the impacts at each receptor for the 2009 scenario and the 2035 Build scenario, respectively. As stated above, the TNM predicted noise levels for 318 receptors within the study area for the 2009 Existing and 2035 Build scenarios. Tables showing noise levels for all receptors are included in Appendix C.

NOISE ABATEMENT

When traffic noise impacts are identified, noise abatement shall be considered and evaluated for feasibility and reasonableness. The SCDOT noise guidelines discuss various measures that can be considered as a means for reducing or eliminating traffic noise impacts. Following is a discussion of measures considered for the proposed project.

Traffic management measures limit vehicle type, speed, volume, and time of operations to provide noise abatement. However, as an interstate and the primary east west route in the region, lower speeds and/or limiting types of vehicles or times of operation were not considerable abatement options for this corridor.

The majority of the noise impacts are associated with traffic noise from the existing I-26 main lanes, and there are no proposed modifications to the I-26 main lanes associated with this project. This indicates that these impacts would occur with or without the interchange modification being proposed. However, mitigation was still considered for impacted receivers identified in the design year scenario. Three receivers being impacted TNM # 256, 262, and 313 have not been considered as reasonable for noise barriers for several reasons. The main reason is that noise barriers are normally not reasonable for isolated receivers. Although two receivers 313 and 256 that are in close proximity, it was determined that it would not be reasonable due to the cost required to construct a noise barrier for two receivers. It should be noted that there is a building row of industrial buildings that would provide some shielding from I-26 and provide lower noise levels for these receivers than what was predicted in TNM. The remaining impacted receivers were considered feasible and barrier analysis was conducted for each of the receivers.


Study Area Boundary
Proposed Ramps
Ramps to be removed
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26
N
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S
W
0
330
660
1,320
1,980
2,640
Feet

Figure 7

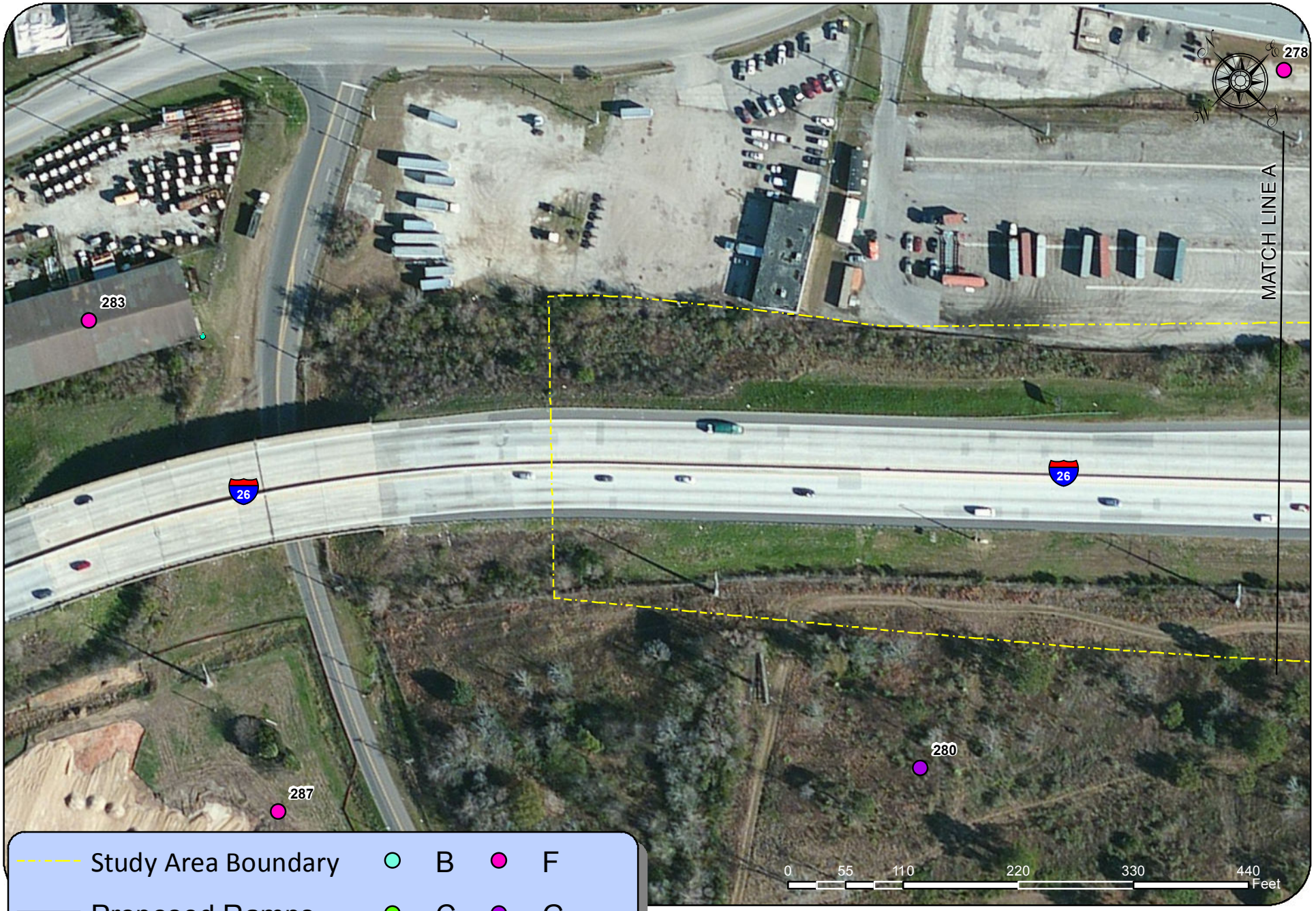
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Figure 8

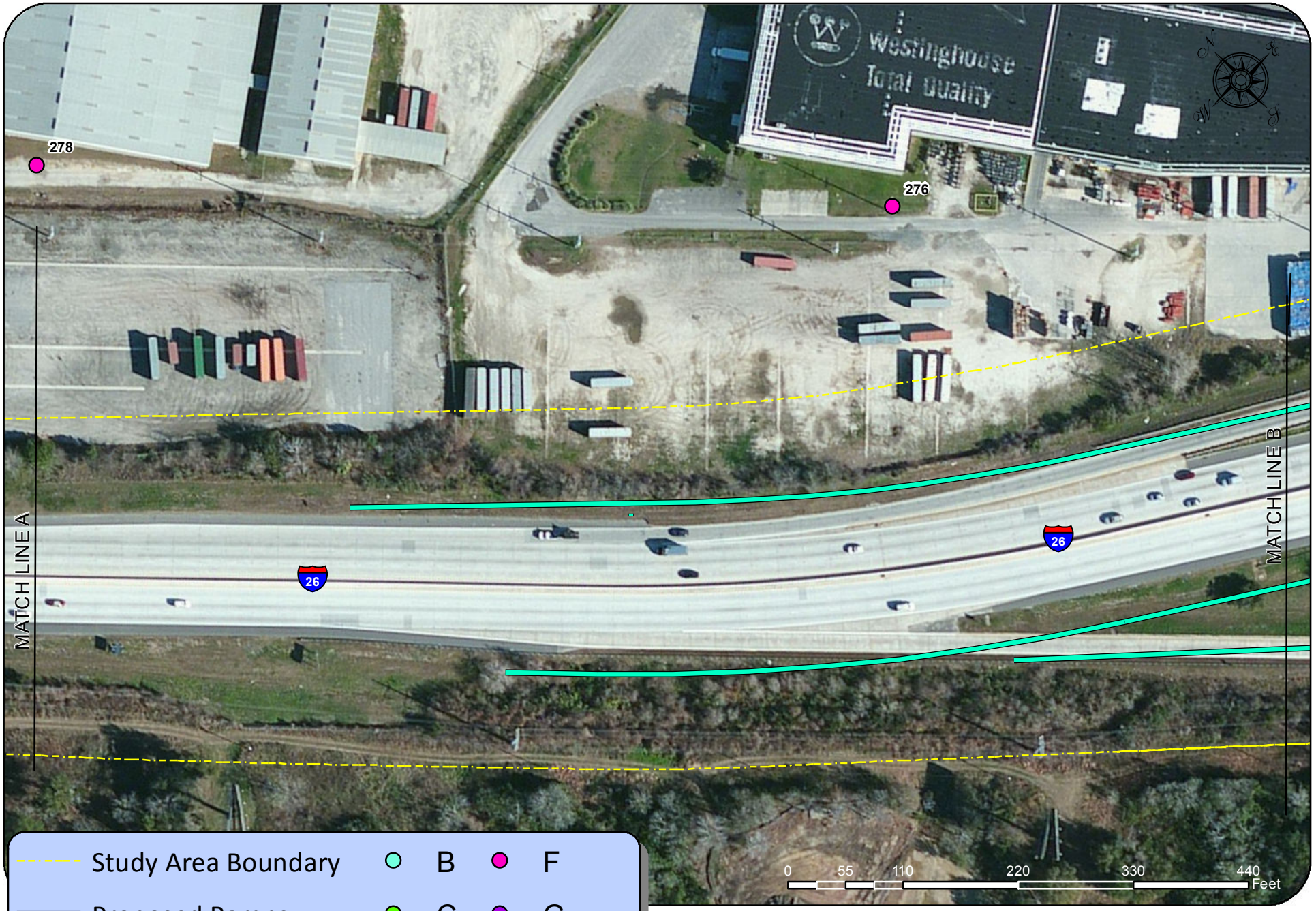
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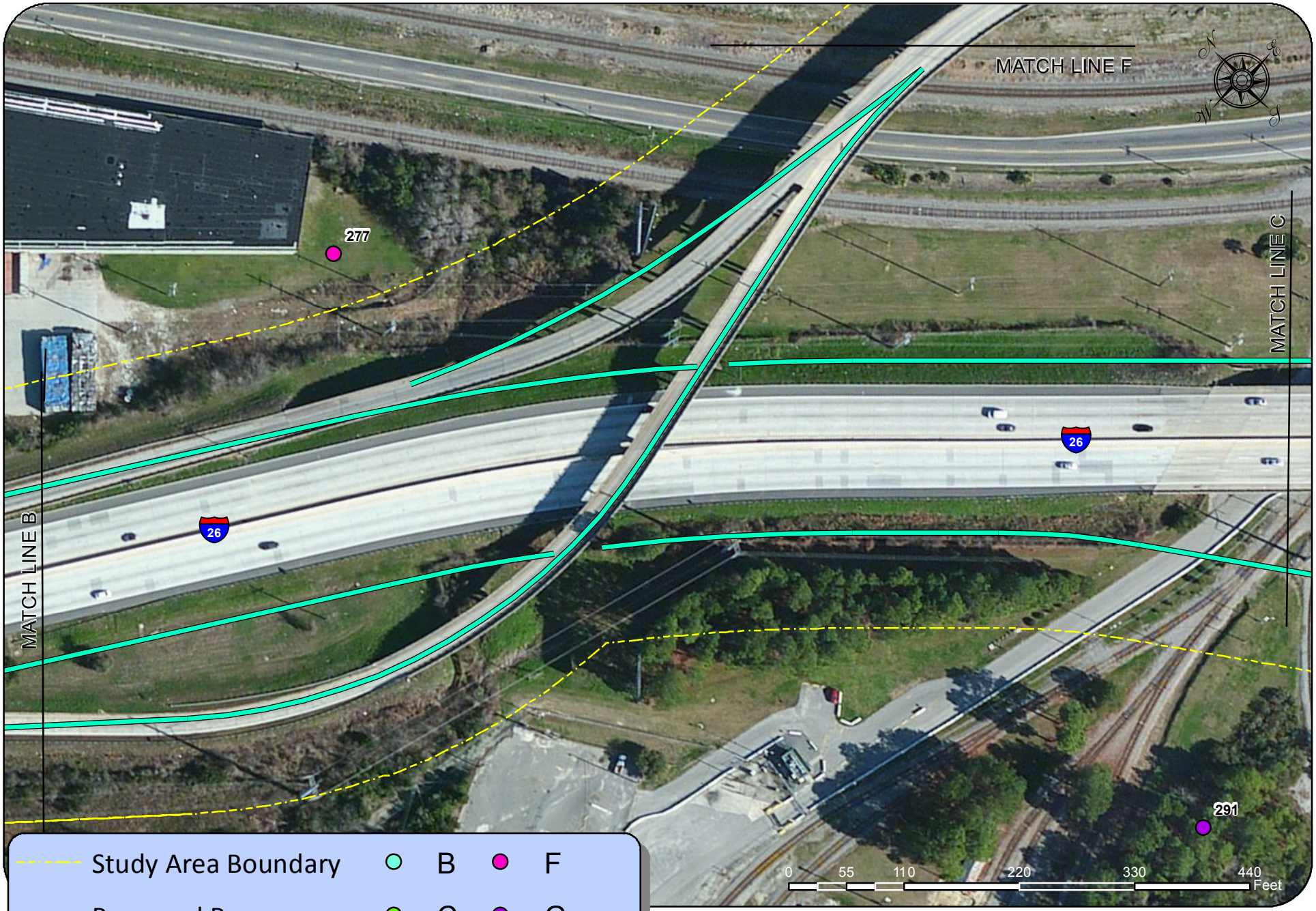
Figure 9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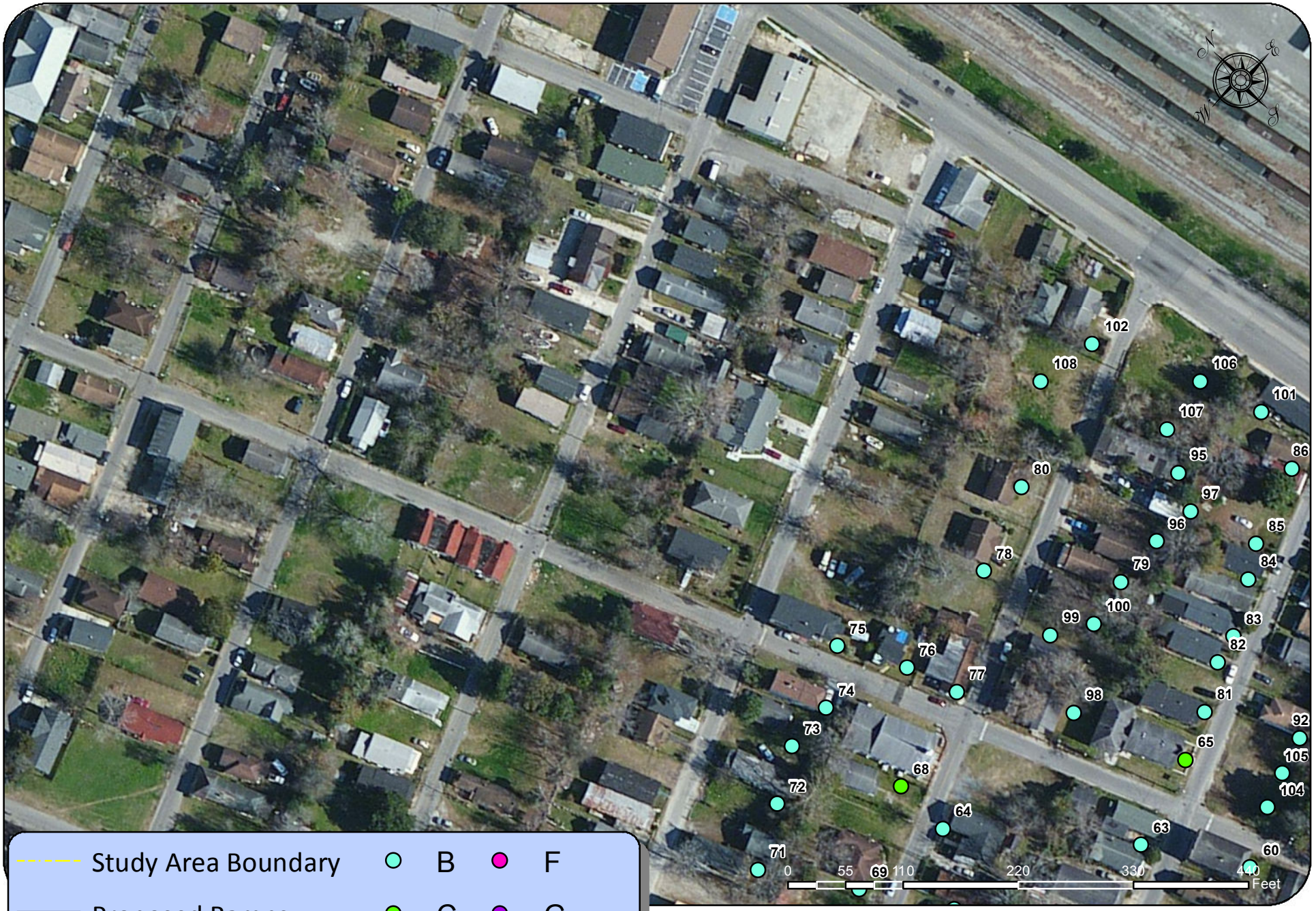
Feet

Figure 10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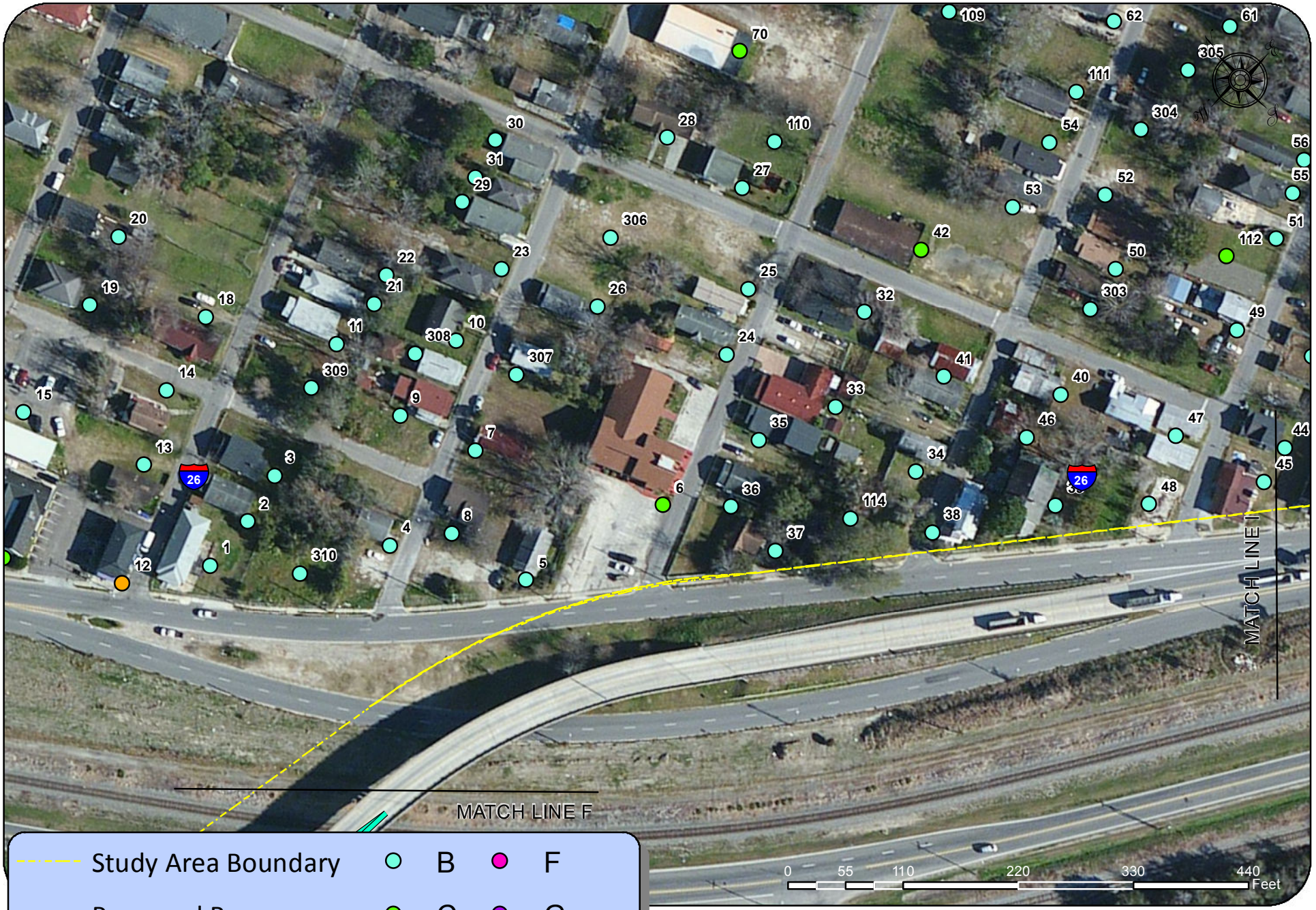
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Figure 12

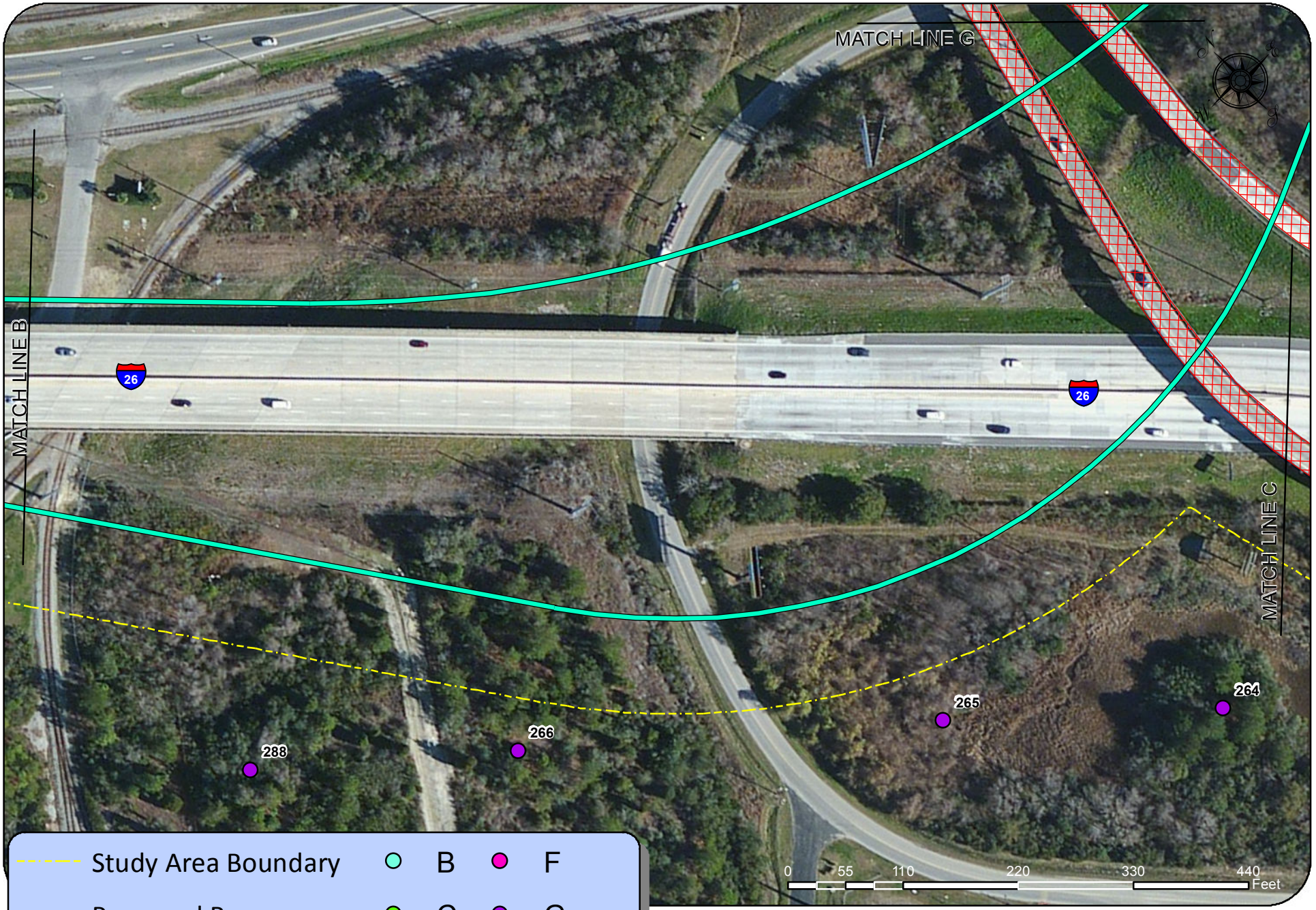
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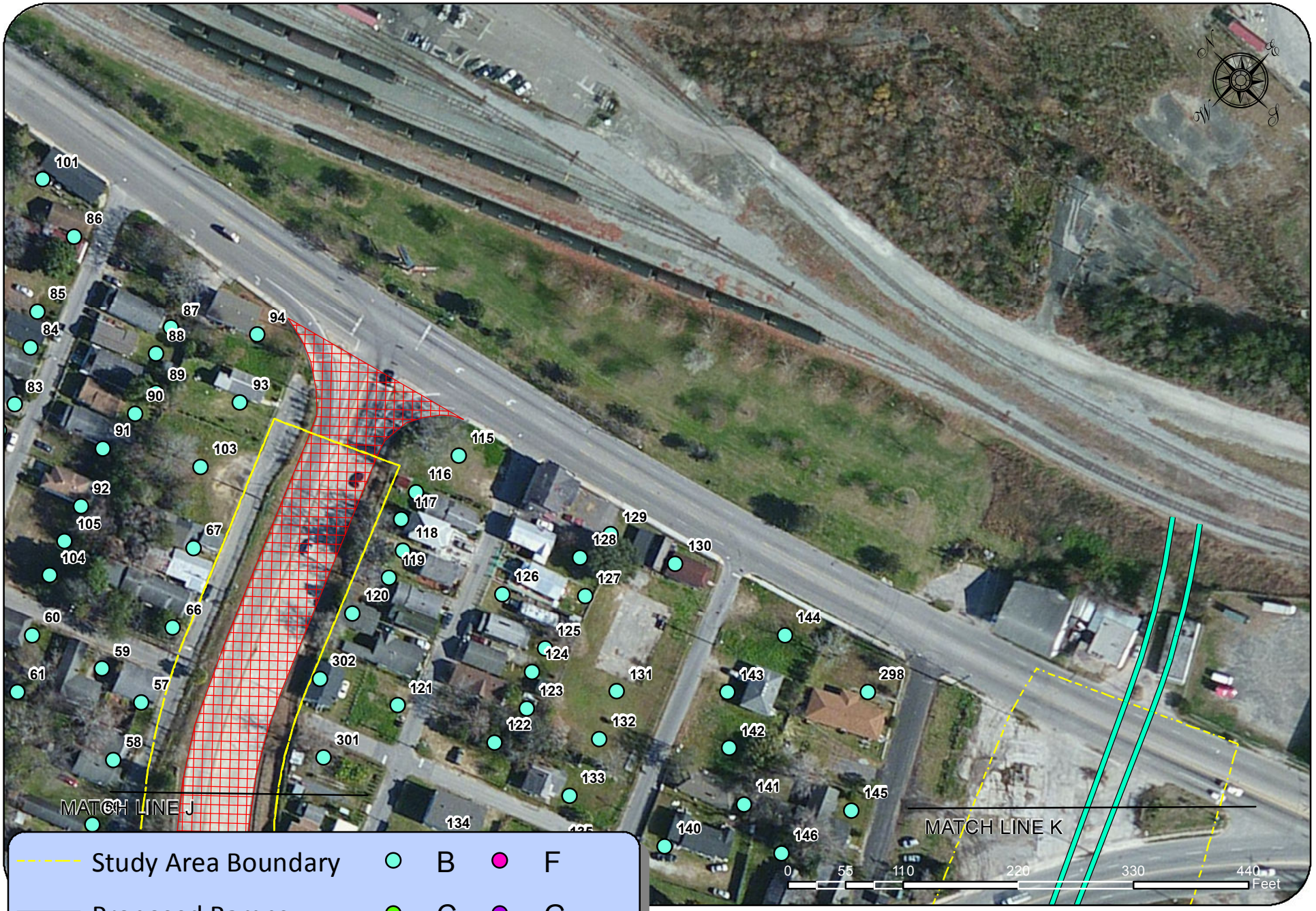
Figure 13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MATCH LINE J
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Study Area Boundary
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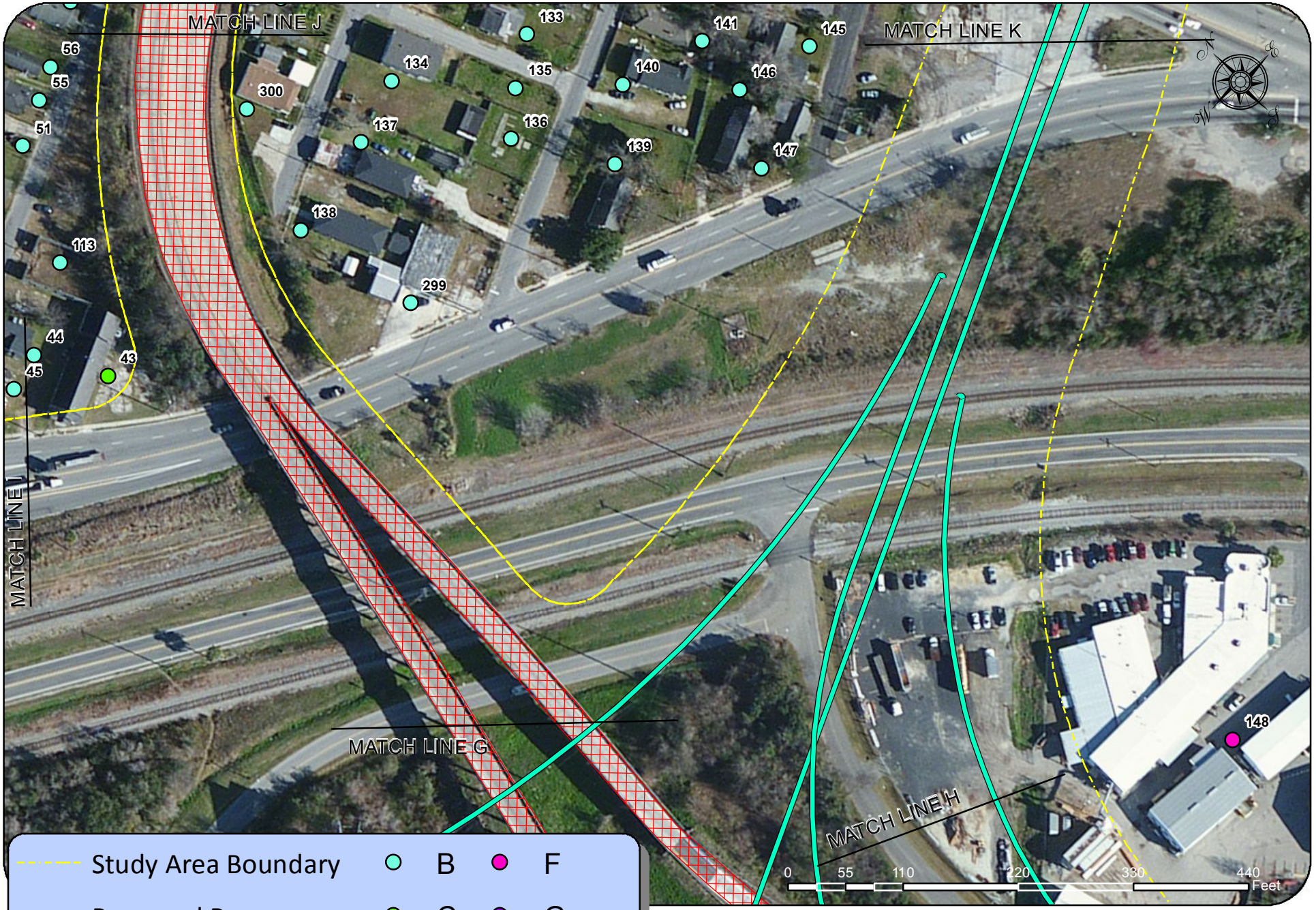
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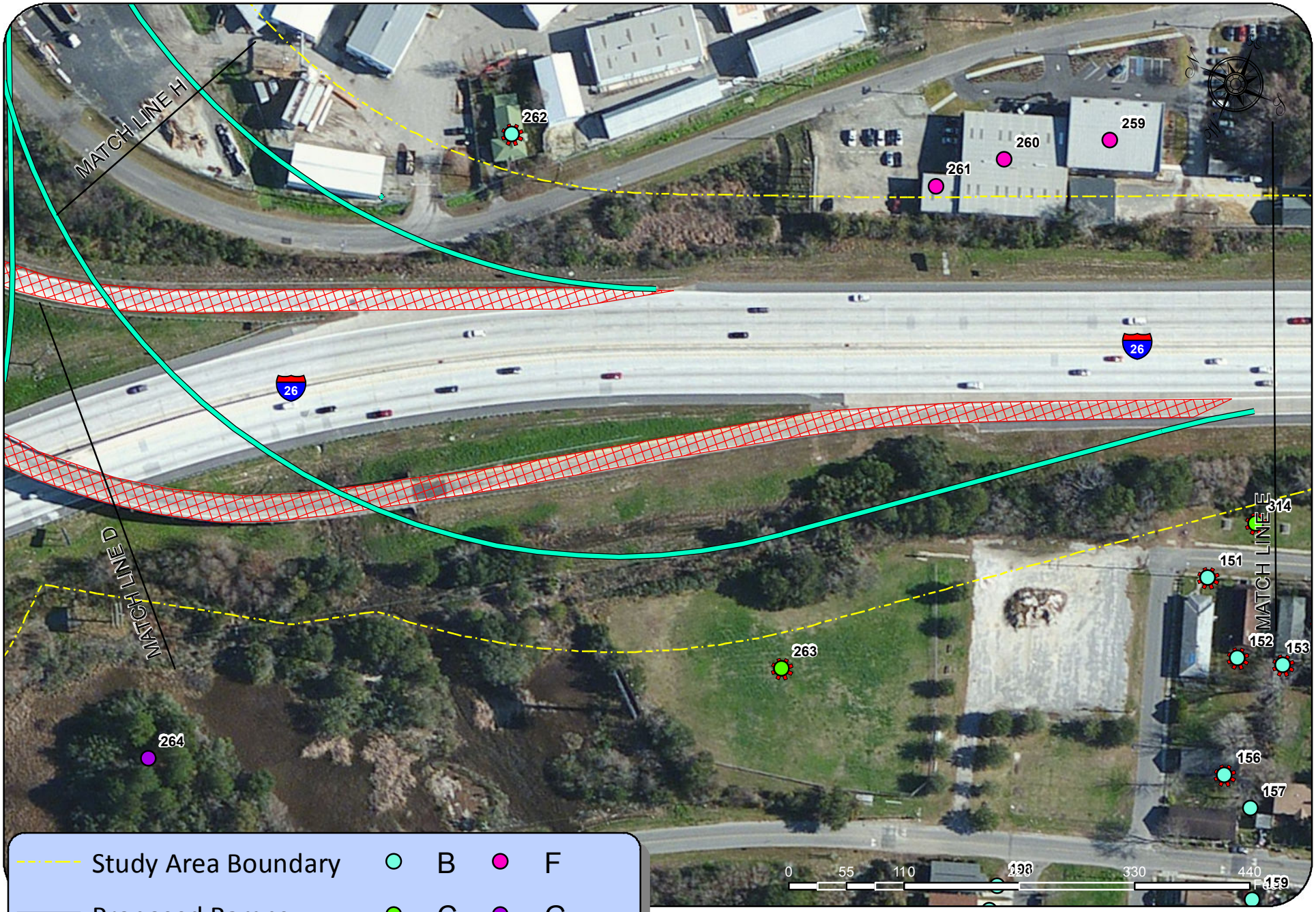
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Figure 16

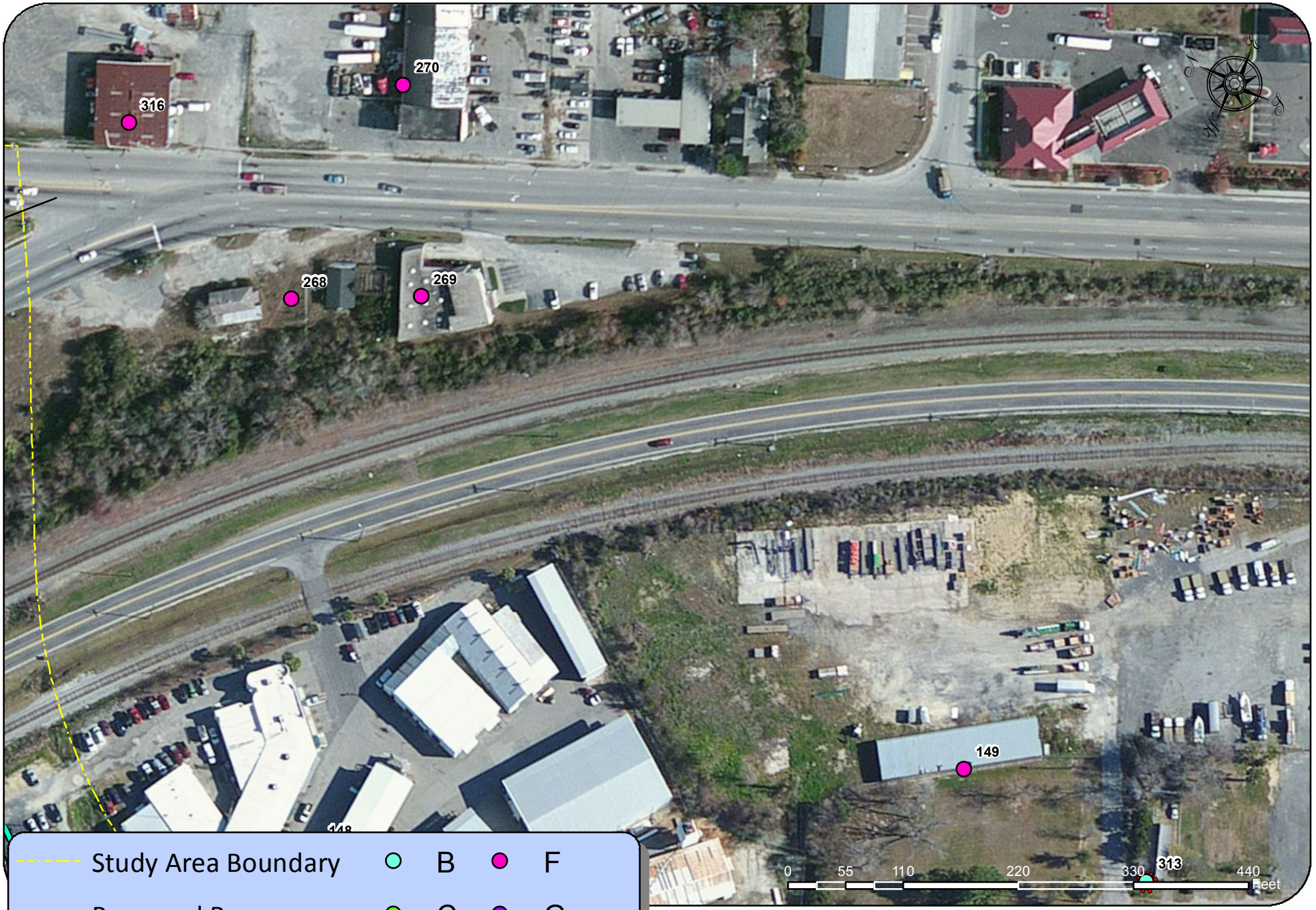
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Figure 17

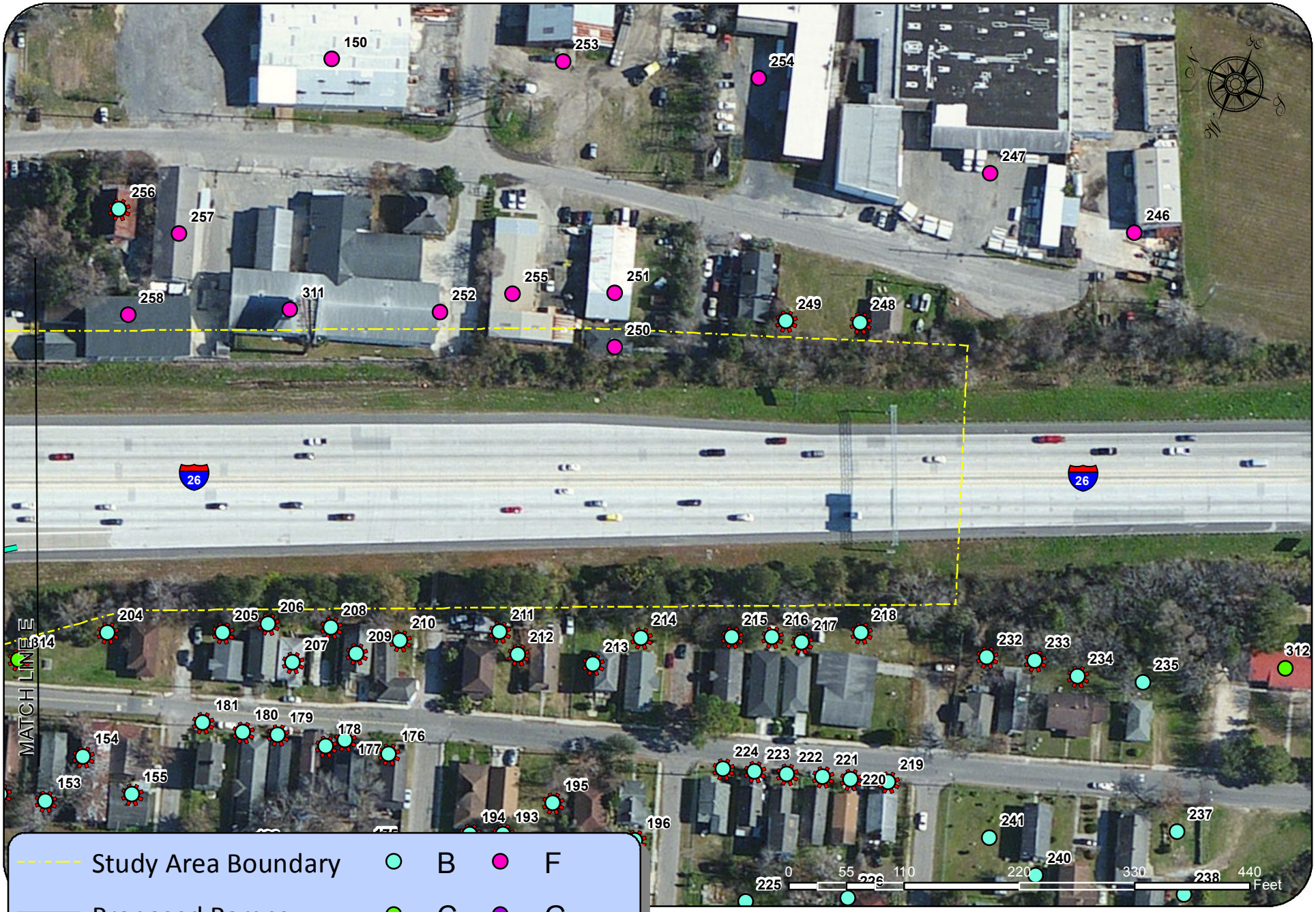
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Figure 18

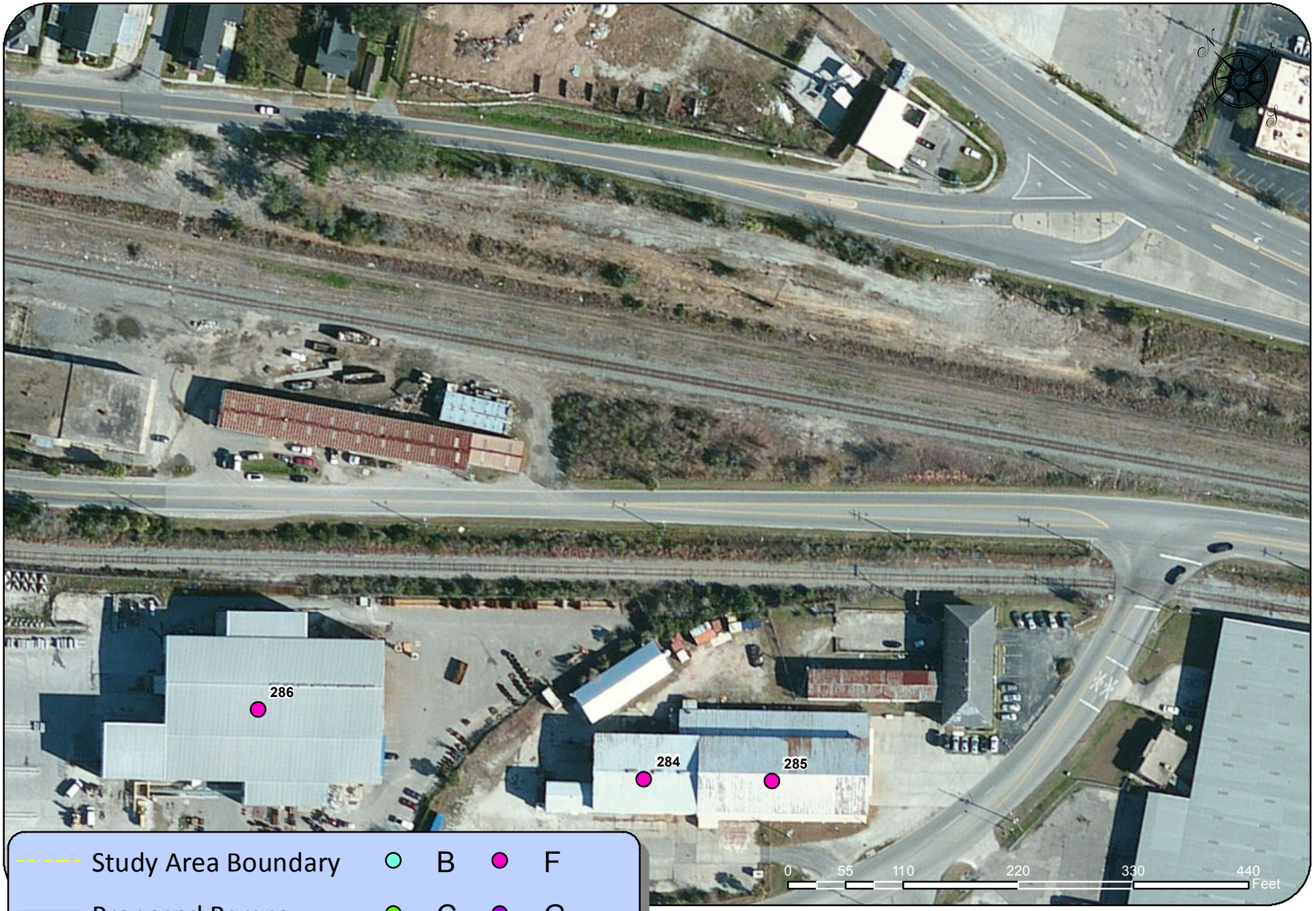
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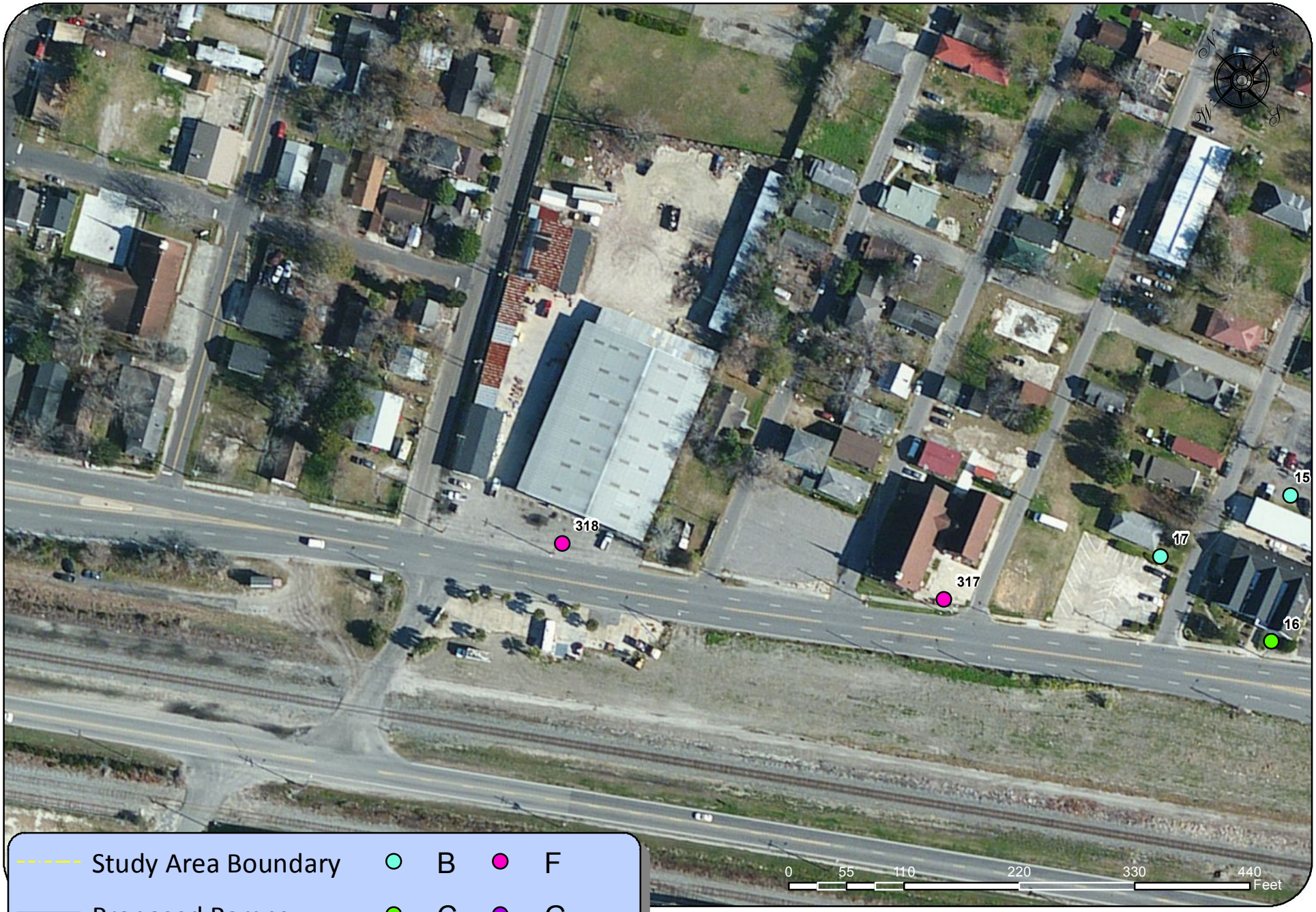
Figure 19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Feet

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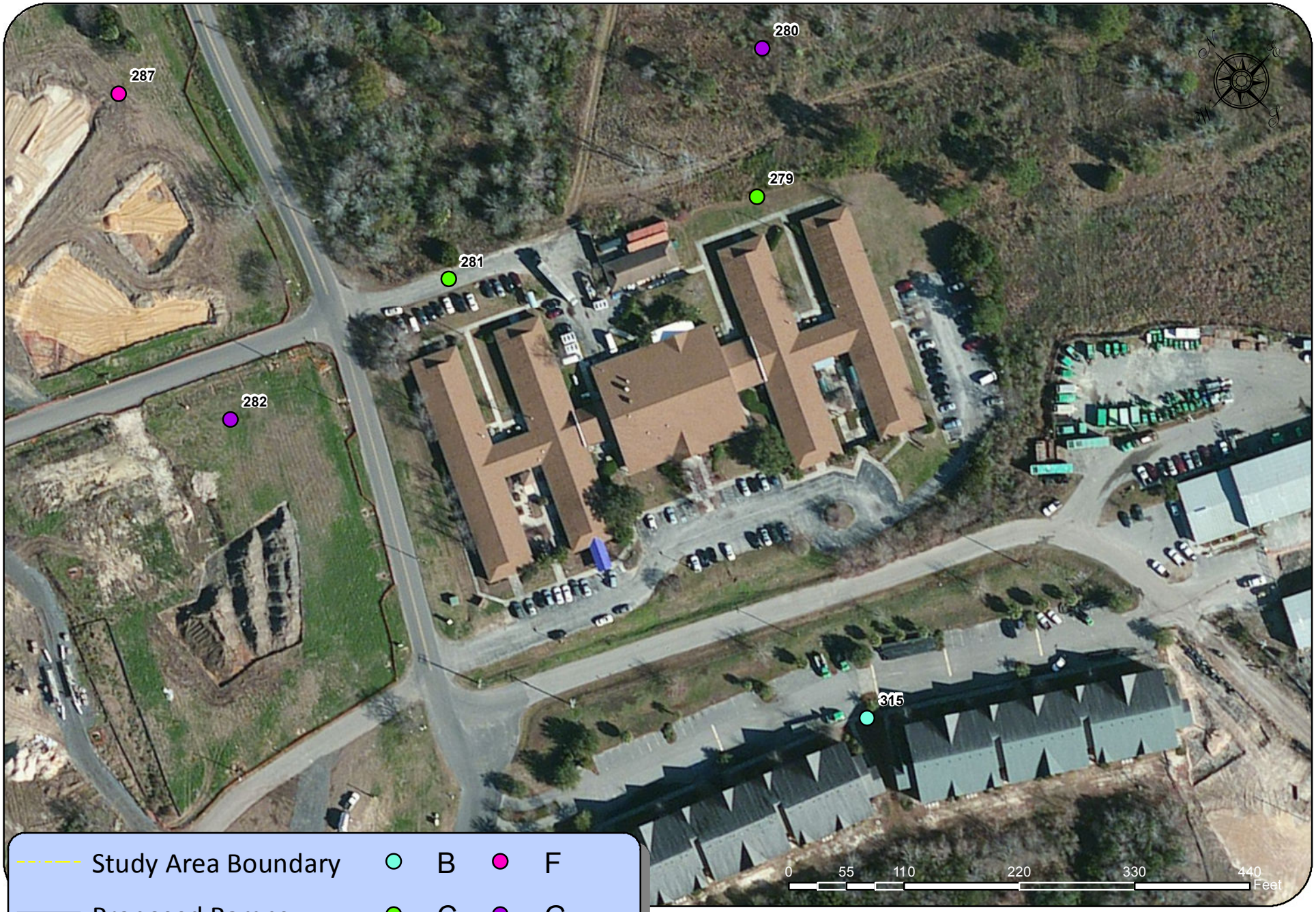
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Figure 21

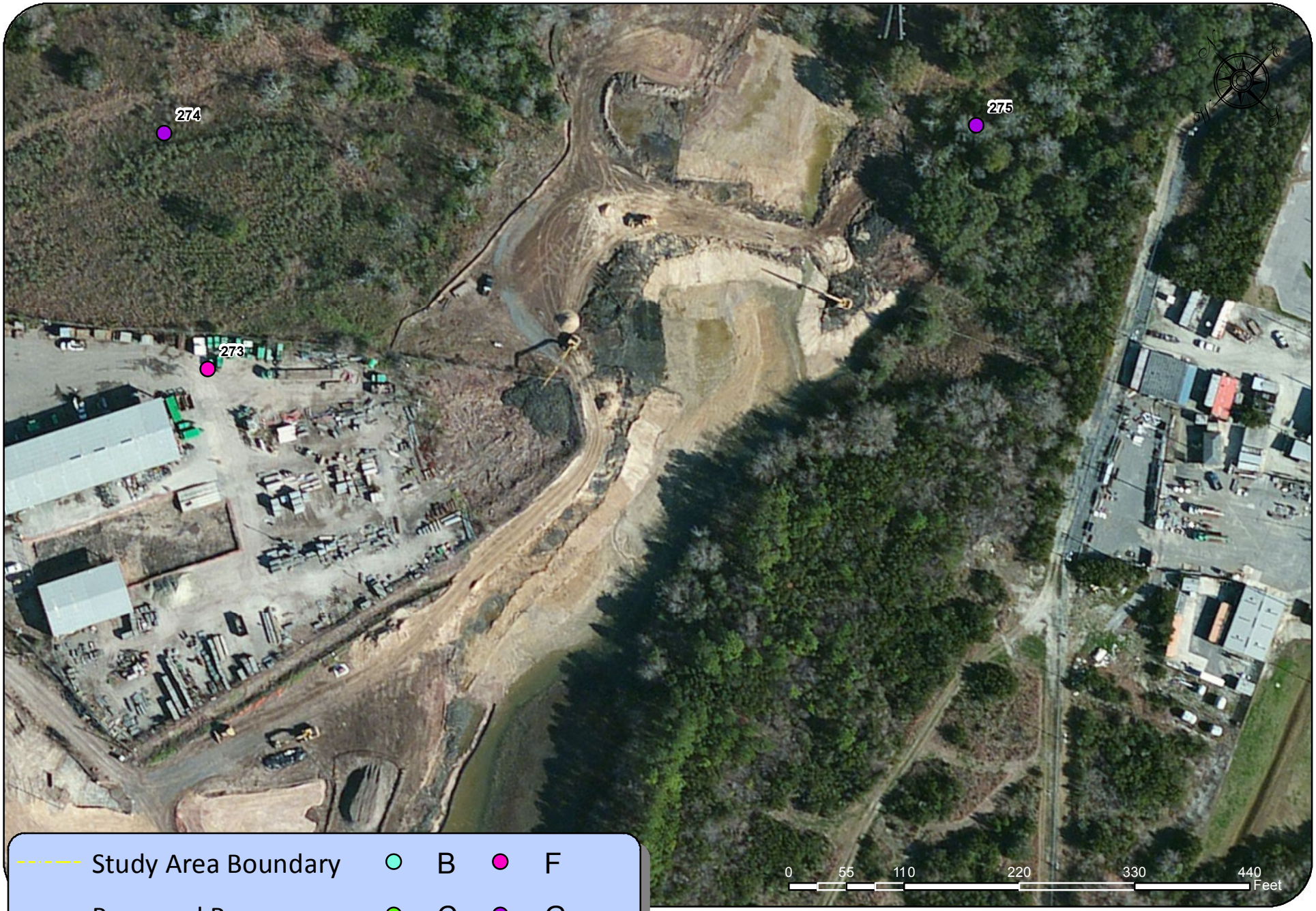
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Figure 22

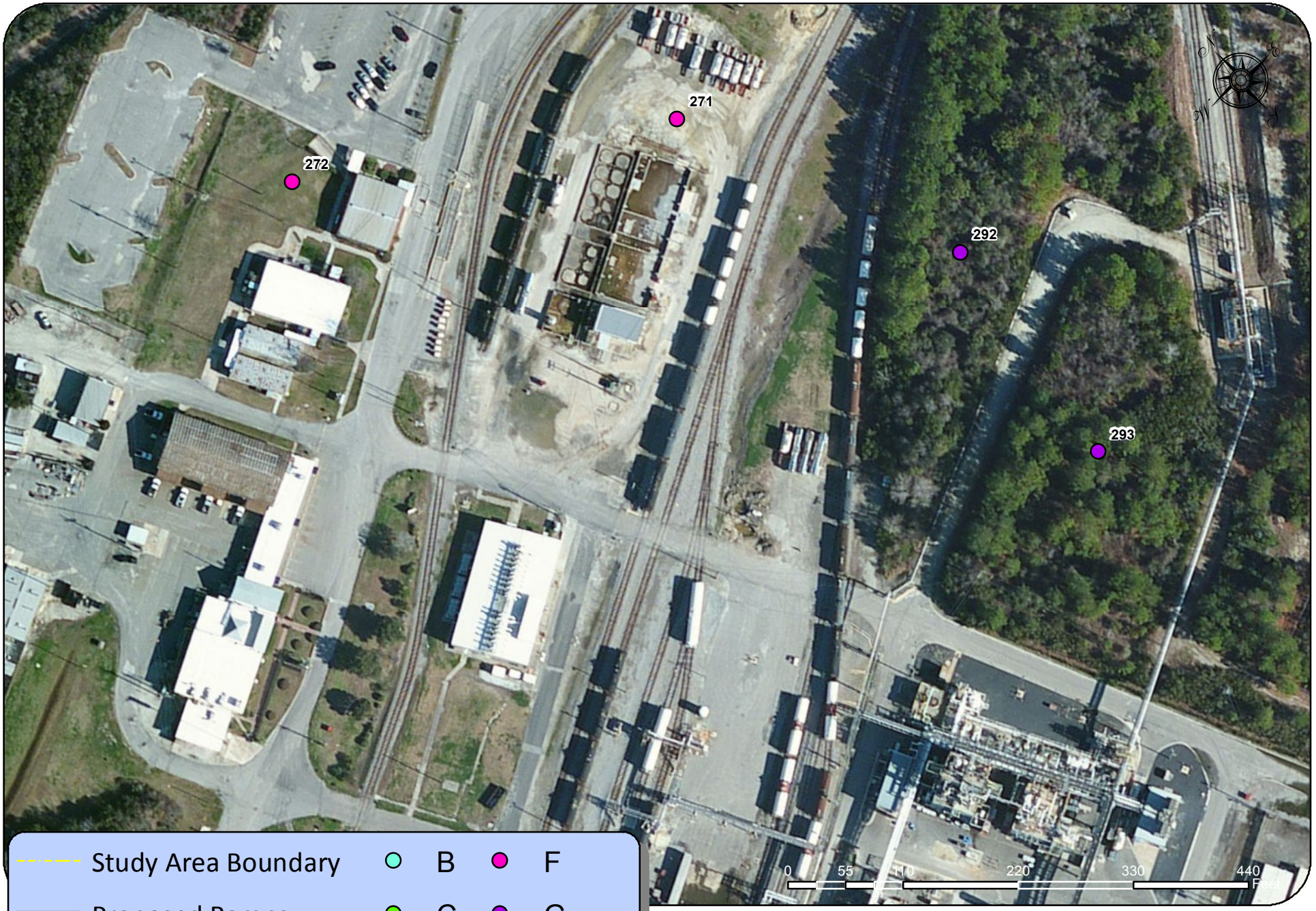
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Figure 23

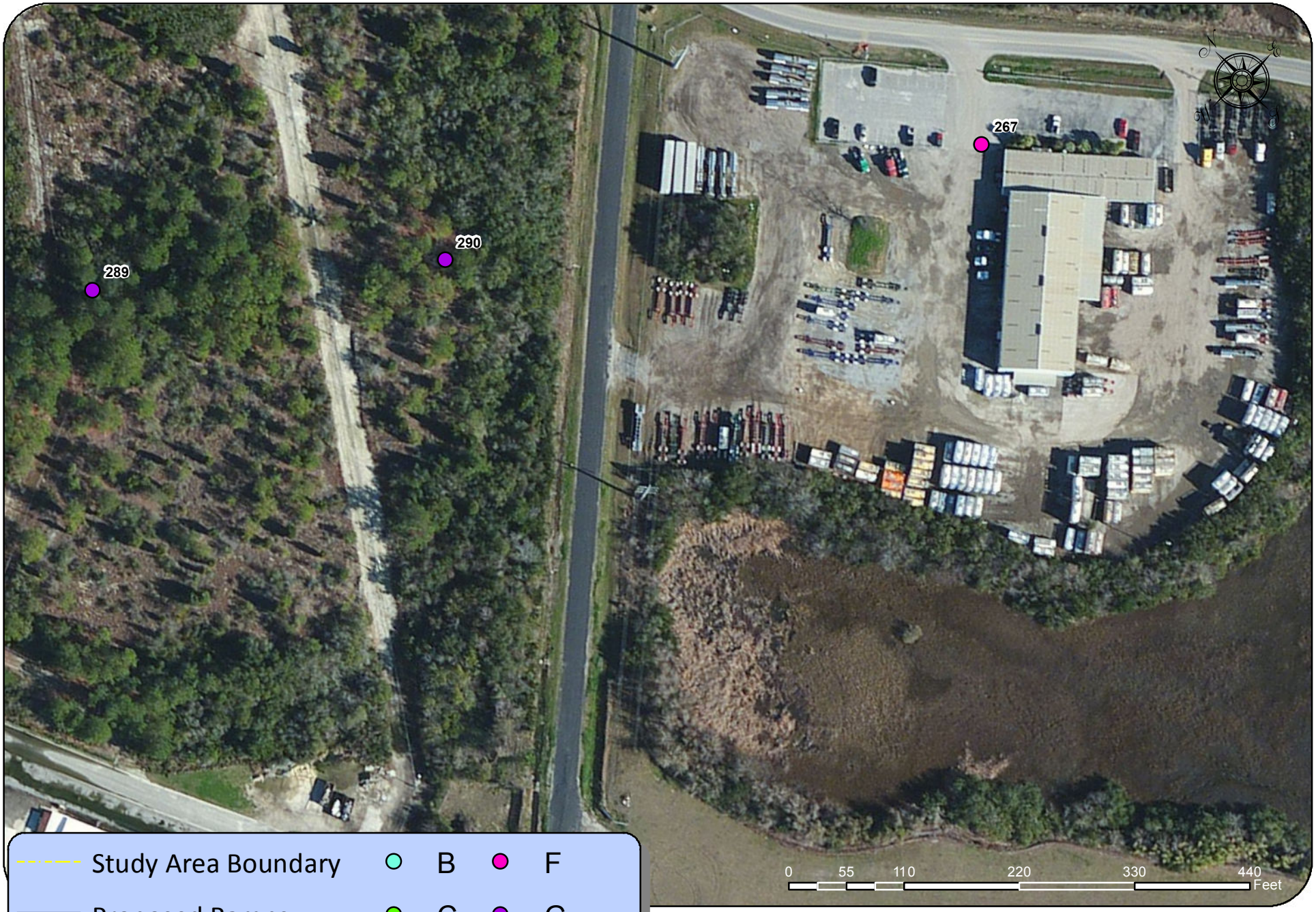
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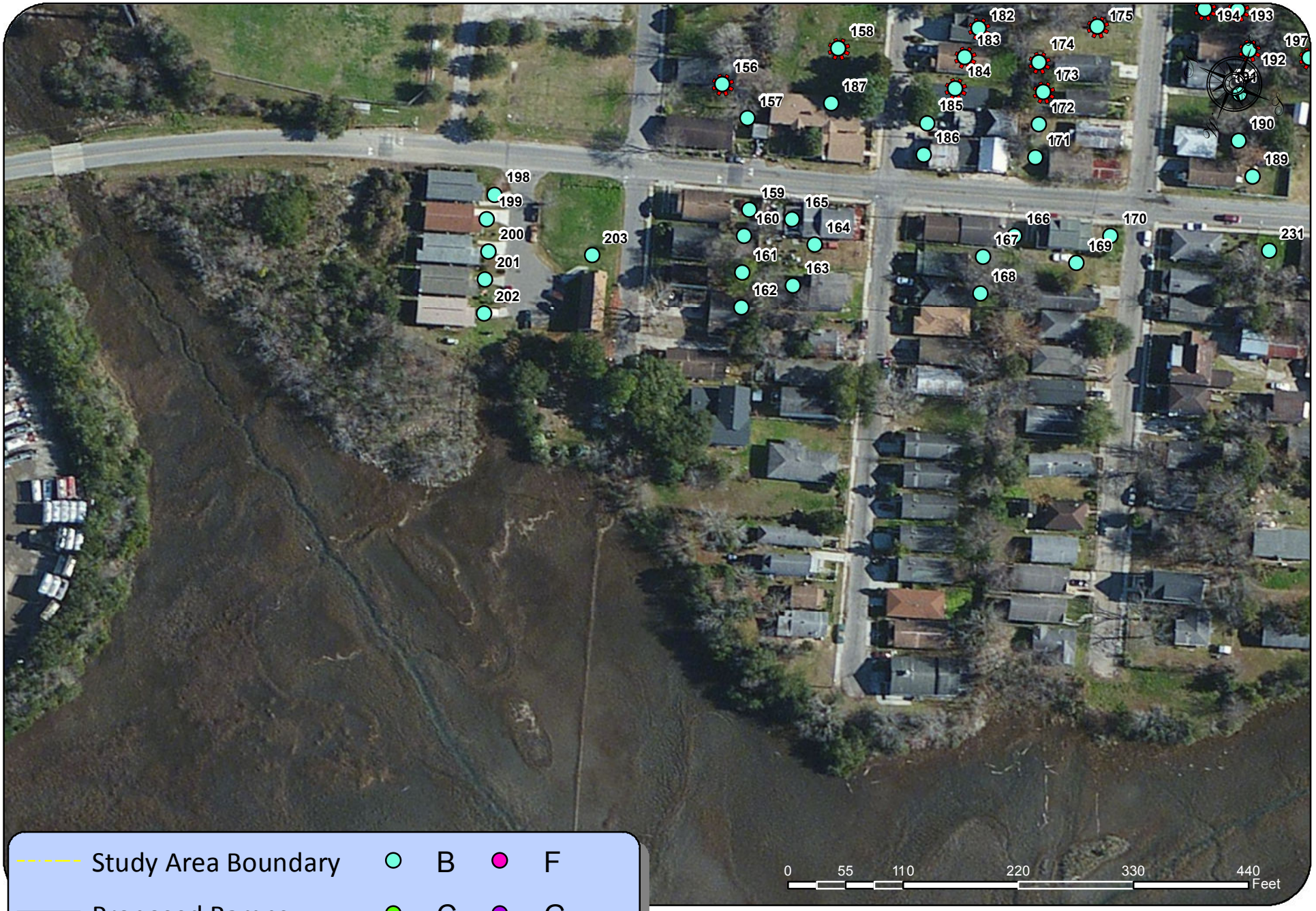
Figure 24



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Study Area Boundary
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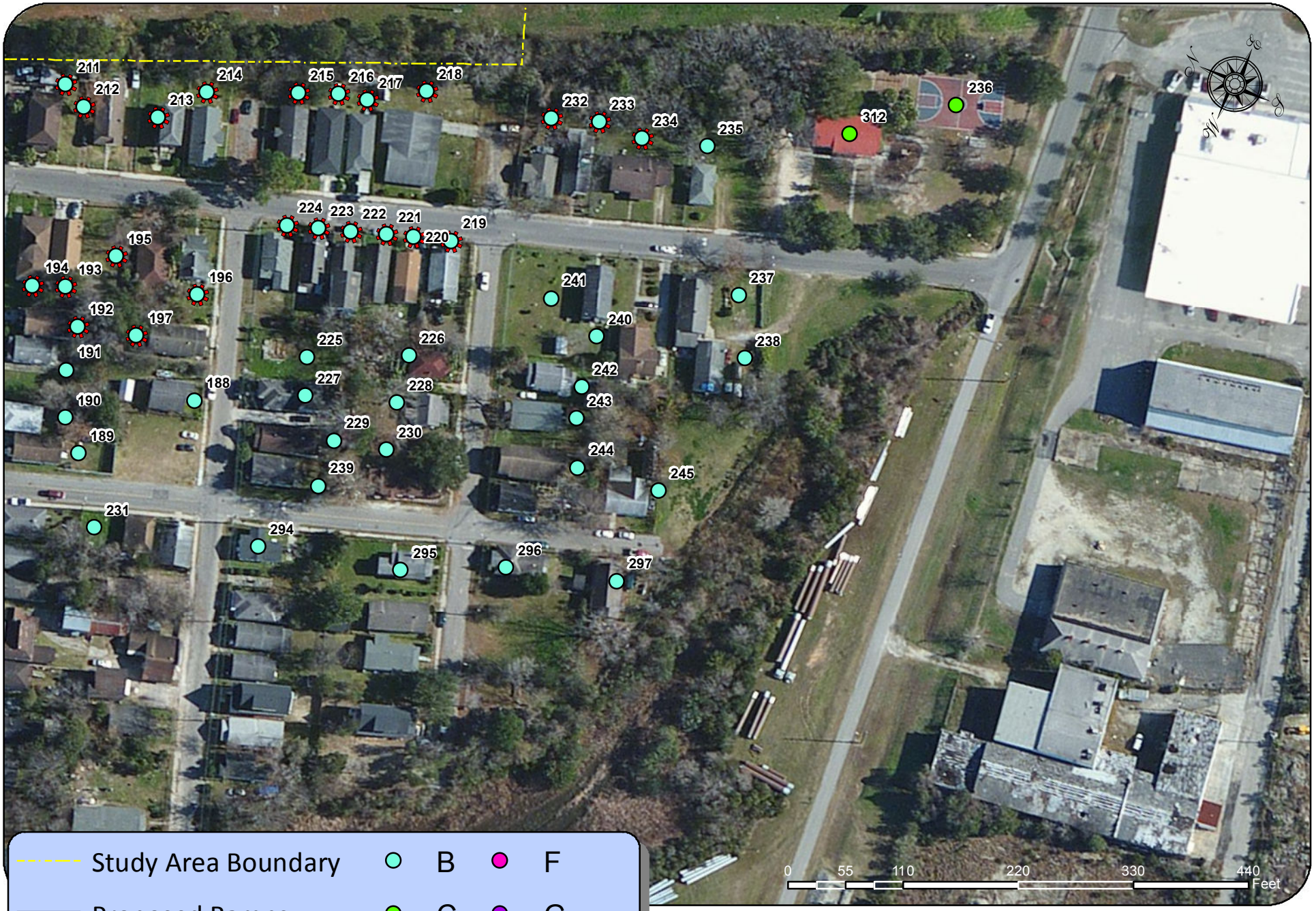
Figure 25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Study Area Boundary
Proposed Ramps
Ramps to be removed
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Figure 26

No Build Alternative	Highway Alignment	Traffic System Management Measures	Noise Barriers
•This measure would involve not constructing the proposed project. The No-build Alternative is not considered to be a reasonable alternative because the project has been constructed.	•Highway alignment selection involves positioning the horizontal or vertical orientation of the proposed improvements in such a way as to minimize impacts and costs. The selection of alternative alignments for noise abatement purposes must consider the balance between noise impacts and other engineering and environmental parameters. For noise abatement, a horizontal alignment selection is primarily a matter of locating the roadway alignment at a sufficient distance from noise sensitive areas. The proposed alignment for this project was limited due to development along the existing roadway.	•Traffic management measures which limit vehicle type, speed, volume, and time of operations are often effective noise abatement measures.	•This measure involves construction of solid mass barriers to effectively diffract, absorb, and reflect highway traffic noise. These may include earth berms and/or noise walls. The evaluation of the reasonableness and feasibility of noise wall construction is based on many factors, some of which include constructability, cost, height, anticipated noise increase, noise reduction obtained, number of receptors benefited, residents' views, land use type, and whether land use changes are expected. **•For this project, noise barriers have been evaluated for reasonableness and feasiblity .**

SCDOT NOISE BARRIER EVALUATION PROCESS

SCDOT has established criteria for use in this evaluation process. Feasibility is primarily concerned with the engineering aspects of a noise abatement measure, including:

- ***Acoustic Feasibility***: the noise abatement measure must achieve a noise reduction of at least 5 dBA for 75% of those receivers determined to be impacted.
- ***Engineering Feasibility***: Feasibility deals with engineering considerations that may limit noise reduction such as topography, safety, utilities and drainage, maintenance, access and wall height.

Reasonableness is based on common sense and good judgment and three factors must be met in order for a noise abatement measure to be deemed reasonable:

- ***Viewpoints of the property owners and residents of the benefited receptors****:* SCDOT shall solicit the viewpoints of all of the benefited receptors and document a decision on either desiring or not desiring the noise abatement measure.
- ***Cost effectiveness:*** The allowable cost of the abatement will be based on a construction cost of $35.00 per square foot, which is divided by the number of benefited receptors. If the cost per benefited receptor is less than **$30,000** then the barrier is determined to be cost effective.
- ***Noise reduction design goal:*** A noise reduction of at least 8 dBA must be achieved for 80% of those receivers determined to be benefited.

For this study, two (2) noise barriers were studied along the corridor and tested for feasibility and reasonableness. Feasibility and Reasonableness Worksheets for each barrier are included in the Appendix D. See Figure 27 for barrier locations.

Barrier 01
This barrier is located along the southwestern lanes of I-26, beginning at Hagood Street and extending approximately 2,119 feet northwest along I-26, near Rosemont Field in Rosemont neighborhood. The average height of the barrier wall is 24 feet.

Based on the noise barrier analysis, there were fifty-four (54) impacted receivers; 100% of these residences received at least a 5 dBA reduction in noise levels and 100% of benefited residences had at least an 8 dBA reduction in noise levels. The wall would cost $18,163 per benefited receptor and was deemed reasonable and feasible. See Feasibility and Reasonableness Worksheet included in Noise Technical Memorandum in the Appendix.

Barrier 02

This barrier is located along the northeastern lanes of I-26, beginning near the southern end of Summerville Ave and extending approximately 317 feet northwest along I-26. The average height of the barrier wall is 8.76 feet.

Based on the noise barrier analysis, there were two impacted receivers; 100% of impacted residences received at least a 5 dBA reduction in noise levels and a 100% of benefited residences had at least an 8 dBA reduction in noise levels. The wall would cost $48,529 per benefited receptor and was deemed not reasonable or feasible. See Feasibility and Reasonableness Worksheet included in Noise Technical Memorandum in the Appendix.



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Barrier 01
Barrier 01
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Barriers

Figure 18

Barrier Analysis Summary

Based on the preliminary barrier analysis, one noise barrier was determined to be both feasible and reasonable based on SCDOT noise abatement criteria and therefore, proposed for incorporation into the project. Barrier 01 is 2,119 feet in length and has an average height of twenty-four (24) feet. The proposed barriers are shown on **Figure 8.**

Although preliminary analysis has determined the proposed noise barrier to be feasible and reasonable, a noise barrier design would be required to determine the optimal location, height, and length of the proposed barriers. The SCDOT Traffic Noise Abatement Policy, July 2011 also accounts for engineering considerations such as drainage, utilities, maintenance or access. These should be taken into consideration as to the constructability of noise barriers. It is also noted that proposed noise barriers should not cause displacements or relocations due to the construction of the noise wall. A final determination will need to be made as to the constructability of proposed noise barriers.

Statement of Likelihood

Based on the studies thus far accomplished, SCDOT intends to install highway traffic noise abatement measures in the form of a barrier (Barrier 1) along the southwestern lanes of I-26, beginning at Hagood Street and extending approximately 2,119 feet northwest along I-26, near Rosemont Field in Rosemont neighborhood. These preliminary indications of likely abatement measures are based upon preliminary design for a barrier cost of $35.00 per square foot that will reduce noise levels by an average of 11.9 dBA for impacted residences. If it subsequently develops during final design that these conditions have substantially changed, the abatement measures might not be provided. A final decision of the installation of the abatement measure will be made upon completion of the project's design and the public involvement process.

REFERENCES

1. *"Procedures for Abatement of Highway Traffic Noise and Construction Noise",* FHWA Regulation 23 CFR 772. Available URL - http://www.fhwa.dot.gov/hep/23cfr772.htm, Accessed November 15, 2011.

2. SCDOT Traffic Noise Abatement Policy, South Carolina Department of Transportation, (SCDOT), July 2011.

APPENDIX A
ASSUMPTIONS AND FIELD DATA

NOISE MODELING ASSUMPTIONS

PURPOSE OF THE STUDY

The purpose of this noise analysis is to determine the existing noise levels, evaluate future noise levels, and to identify noise impacts associated with the Port Access Road Interchange Modification with I-26 in Charleston, South Carolina.

Traffic counts were derived from the I-26 Port Access Road Interchange Modification Report (IMR), May 2012. A field visit was conducted September 9, 2012 to take existing noise level readings. The following identifies data collected in the field and the revised list of assumptions that will be used for the Port Access Road Interchange Modification noise analysis:

- Field measurements were taken at six (6) representative locations (see attached map) in the study area using a calibrated Type II SoundPro DL-2 sound level meter during the AM and PM peak hour. Some of these measurements were taken within adjacent neighborhoods and traffic counts were not conducted at these locations.

- Noise analysis will be conducted using FHWA Traffic Noise Model (TNM) version 2.5.

- The following scenarios will be studied for the peak hour:
  - Existing Condition
  - 2035 No Build
  - 2035 Build

- Traffic Volumes will be based on 2009 (existing) and 2035 (design year) out of the IMR. The highest peak hour **commuter** volumes were used for each roadway. Peak hour directional volumes were added together to determine the highest peak hourly commuter volumes and then split 50/50 for each direction. Traffic volumes are shown in **Table 1** and the traffic volume diagrams out the IMR have been attached. Roadways to be included in the study are as follows (see attached map):

  - I-26 South of Baker Hospital Blvd to South of Peonie Street
  - Ramps existing and proposed connecting Spruill Ave.
  - Ramps existing and proposed connection Meeting Street

  No other existing roadways were included in the model. It is our understanding that this study is to determine only the roadway noise increase from the proposed ramps all other improvement associated with the Port Access Road have been identified and studied, including noise impacts, in the Port EIS Study.

TABLE 1: Traffic to be used in TNM

Roadway Section		Total DHV	Existing DHV per lane			
Roadway Facility		**Total**	**50/50 splits**	**Cars**	**M Trucks**	**H Trucks**
S of Baker Hospital BLVD	I-26 East Bound (3 lanes)	6300	3150	1008	25	17
	I-26 West Bound (3 lanes)		3150	1008	25	17
	Existing Ramp A	580	290	278	7	5
	Existing Ramp B		290	278	7	5
	Existing Ramp C	580	290	278	7	5
	Existing Ramp D		290	278	7	5
Roadway Section		Total DHV	NoBuild DHV per lane			
N of Baker Hospital BLVD	I-26 East Bound (3 lanes)	7380	3690	1181	29	20
	I-26 West Bound (3 lanes)		3690	1181	29	20
	Existing Ramp A	700	350	336	8	6
	Existing Ramp B		350	336	8	6
	Existing Ramp C	640	320	307	8	5
	Existing Ramp D		320	307	8	5
Roadway Section		Total DHV	Build DHV per lane			
N of Baker Hospital BLVD	I-26 East Bound (3 lanes)	7380	3690	1181	29	20
	I-26 West Bound (3 lanes)		3690	1181	29	20
	Proposed Ramps A	1026	513	492	12	8
	Proposed Ramps D		513	492	12	8
	Proposed Ramps B	964	482	463	12	8
	Proposed Ramps C		482	463	12	8
	Proposed Ramps G	640	320	307	8	5
	Proposed Ramps H		320	307	8	5

- Vehicle classification traffic percentages have been identified as 96% car and 4% truck traffic. The following truck percentages will be broken down further for and the following truck percentages will be used:
  - Medium Trucks – 2.4%
  - Heavy Truck – 1.6%

- The speed of 65 mph was used for I-26 and 35 mph was used for the ramps.

- Traffic noise impact will be determined at each existing noise sensitive land use by comparing the predicted design year noise levels with the Federal Highway Administration (FHWA) noise abatement criteria as shown in the table below. A receiver is considered impacted if the predicted design year noise level approaches (comes within 1dBA) or

exceeds the NAC or if the design year noise level substantially exceeds the existing noise level (10 dBA or greater).

Table 1
Noise Abatement Criteria (NAC)

Activity Category	Activity Criteria Leq(h)	Evaluation Location	Activity Description
A	57	Exterior	Lands on which serenity and quiet are of extra ordinary significance & serve an important need & where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B\3	67	Exterior	Residential
C\3	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, daycare centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools , television studios, trails, and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E\3	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	-	-	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities(water resources, water treatment, electrical), and warehousing
G	-	-	Undeveloped lands that are not permitted

****Either Leq(h) or L10(h) (but not both) may be used on a project.***
†The Leq(h) and L10(h) Activity Criteria values are for impact determination only and are not design standards for noise abatement measures.
‡Includes undeveloped lands permitted for this activity category.

Source: U.S. 23 CFR, Part 772, USDOT, FHWA

- Land use in the study is primarily Industrial (Activity Category F), but does include residential and recreational areas. The following activity categories were identified in the study area based on available aerial mapping and GIS maps:
  - Union Heights subdivision
  - Windsor subdivision
  - Howard Heights subdivision
  - Rosemount subdivision
  - Parks and Playgrounds
  - Mixed use

- Commercial
- Institutional
- Vacant land

- Noise barriers will be estimated at a cost of $35 per square foot.

- Reasonableness criteria for a barrier will be determined using SCDOT "Traffic Noise Abatement Policy", July 2011.

CDMSmith
MLB
RESULTS: SOUND LEVELS
PROJECT/CONTRACT: I-26 PAR
RUN: Calibration
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

27 September 2012
TNM 2.5
Calculated with TNM 2.5

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h		Increase over existing		Type Impact	With Barrier			
				Calculated	Crit'n	Calculated	Crit'n Sub'l Inc		Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
Receiver1	1	1	76.6	73.9	66	-2.7	10	Snd Lvl	73.9	0.0	8	-8.0
Receiver2	2	1	67.4	65.4	66	-2.0	10	----	65.4	0.0	8	-8.0
Receiver3	3	1	73.0	73.9	66	0.9	10	Snd Lvl	73.9	0.0	8	-8.0
Receiver4	5	1	66.4	64.3	66	-2.1	10	----	64.3	0.0	8	-8.0
Receiver6	6	1	71.4	69.9	66	-1.5	10	Snd Lvl	69.9	0.0	8	-8.0
Receiver5	7	1	63.3	65.3	66	2.0	10	----	65.3	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction		
		Min	Avg	Max
		dB	dB	dB
All Selected	6	0.0	0.0	0.0
All Impacted	3	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

NOISE MONITOR DATA

Environmental Specialist: ***Karen Hadley*** Date: ***9/6/12***

Monitor Site #: ***1 Meeting Street @ Little Ave*** Grid #:

Travel Lanes: 4 Direction of Lanes: ***NW/SW***

Speed Limit: ***45*** Surface Conditions: ***Smooth Flat***

Grade: ***None*** Wind Speed: ***None*** Weather Conditions: ***Clear Muggy***

Surrounding Land Uses: ***Housing/Residential***

Time Monitoring Began: ***8:40 am*** Time Monitoring Ended: ***8:55am***

Traffic # (15 min)	***East*** Lane		***West***Lane	
Heavy Truck	13 #	52 VPH	25 #	100 VPH
Medium Truck	***1*** #	***4*** VPH	***2*** #	***8*** VPH
Cars	***57*** #	***228*** VPH	***42*** #	***168*** VPH
Total	***71*** #	***284*** VPH	***69*** #	***276*** VPH

VPH (volume per hour) Multiply by 4 to get Hourly Volumes

Leq Noise Level L (avg): ***76.6*** Db Distance from Travel Lane: ***5*** ft

Height Above Roadway: ***5*** ft Height Above Ground: ***5*** ft

Site Sketch if needed

Background Noise: ***Car/truck traffic along Meeting Street***

Major Noise Source: ***Car traffic***

Unusual Events: ***8:43 Train Whistle***

Comments: ***Access and issue to move further away from the roadway***

NOISE MONITOR DATA

Environmental Specialist: ***Karen Hadley*** Date: ***09/6/12***

Monitor Site #: ***2 Meeting Street/Groveland*** Grid #:

Travel Lanes: 4 Direction of Lanes: ***NW/SW***

Speed Limit: ***45*** Surface Conditions: ***Smooth Flat***

Grade: ***Flat*** Wind Speed: ***None*** Weather Conditions: ***Clear Muggy***

Surrounding Land Uses: ***Church/Residential/Business***

Time Monitoring Began: ***8:57 am*** Time Monitoring Ended: ***9:12am***

Traffic # (15 min)	***East*** Lane		***West***Lane	
Heavy Truck	1 #	4 VPH	1 #	4 VPH
Medium Truck	***3*** #	***12*** VPH	***0*** #	***0*** VPH
Cars	***20*** #	***80*** VPH	***17*** #	***68*** VPH
Total	***24*** #	***96*** VPH	***18*** #	***72*** VPH

VPH (volume per hour) Multiply by 4 to get Hourly Volumes

Leq Noise Level L (avg): ***67.4*** Db Distance from Travel Lane: ***5*** ft

Height Above Roadway: ***5*** ft Height Above Ground: ***5*** ft

Site Sketch if needed

Background Noise: ***I-26***

Major Noise Source: ***Car traffic***

Unusual Events:

Comments: ***Access and issue to move further away from the roadway***

NOISE MONITOR DATA

Environmental Specialist: ***Karen Hadley*** Date: ***9/6/12***

Monitor Site #: ***3 I-26*** Grid #:

Travel Lanes: 8 Direction of Lanes: ***NW/SW***

Speed Limit: ***65*** Surface Conditions: ***Smooth Flat***

Grade: ***Flat*** Wind Speed: ***None*** Weather Conditions: ***Clear dry***

Surrounding Land Uses: ***Industrial***

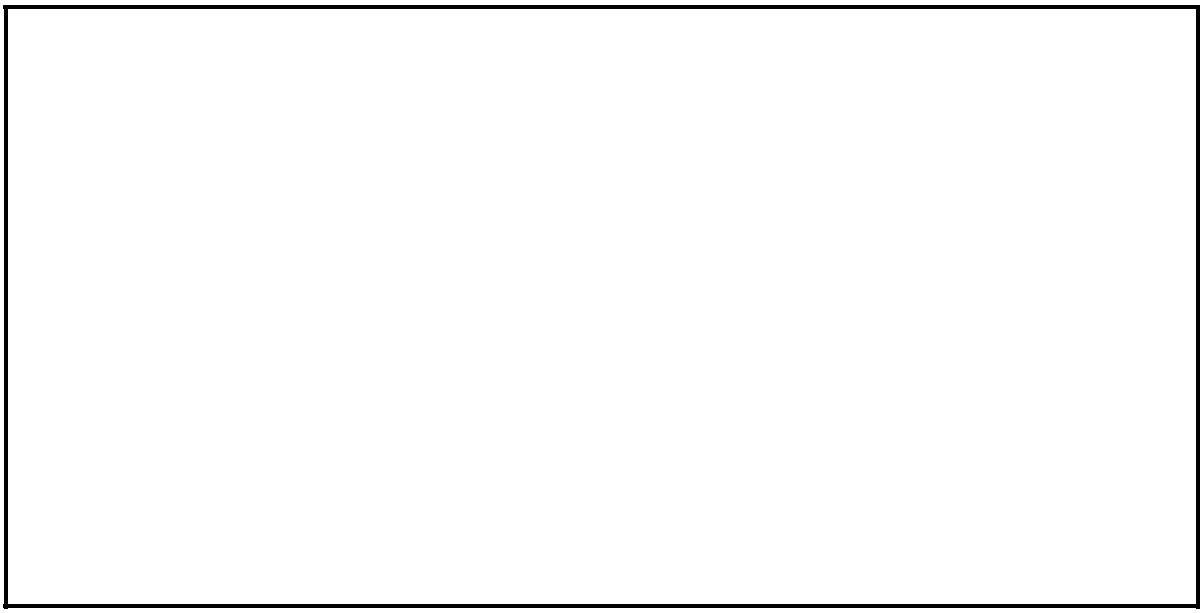
Time Monitoring Began: ***4:15 pm*** Time Monitoring Ended: ***4:30 pm***

Traffic # (15 min)	***West*** Lane		***East*** Lane	
Heavy Truck	15 #	60 VPH	25 #	100 VPH
Medium Truck	***5*** #	***20*** VPH	***15*** #	***60*** VPH
Cars	***935*** #	***3740*** VPH	***950*** #	***3800*** VPH
Total	***955*** #	***3820*** VPH	***990*** #	***3960*** VPH

VPH (volume per hour) Multiply by 4 to get Hourly Volumes

Leq Noise Level L (avg): ***73.0*** Db Distance from Travel Lane: ***150*** ft

Height Above Roadway: ***5*** ft Height Above Ground: ***5*** ft



Site Sketch if needed

Background Noise: ***I-26***

Major Noise Source: ***Car traffic***

Unusual Events:

Comments: ***Access and issue to move further away from the roadway***

NOISE MONITOR DATA

Environmental Specialist: ***Karen Hadley*** Date: ***9/7/12***

Monitor Site #: ***4 Austin Ave/I-26*** Grid #:

Travel Lanes: 2 Direction of Lanes: ***NW/SW***

Speed Limit: ***45*** Surface Conditions: ***Smooth Flat***

Grade: ***Flat*** Wind Speed: ***None*** Weather Conditions: ***Clear***

Surrounding Land Uses: ***Industrial***

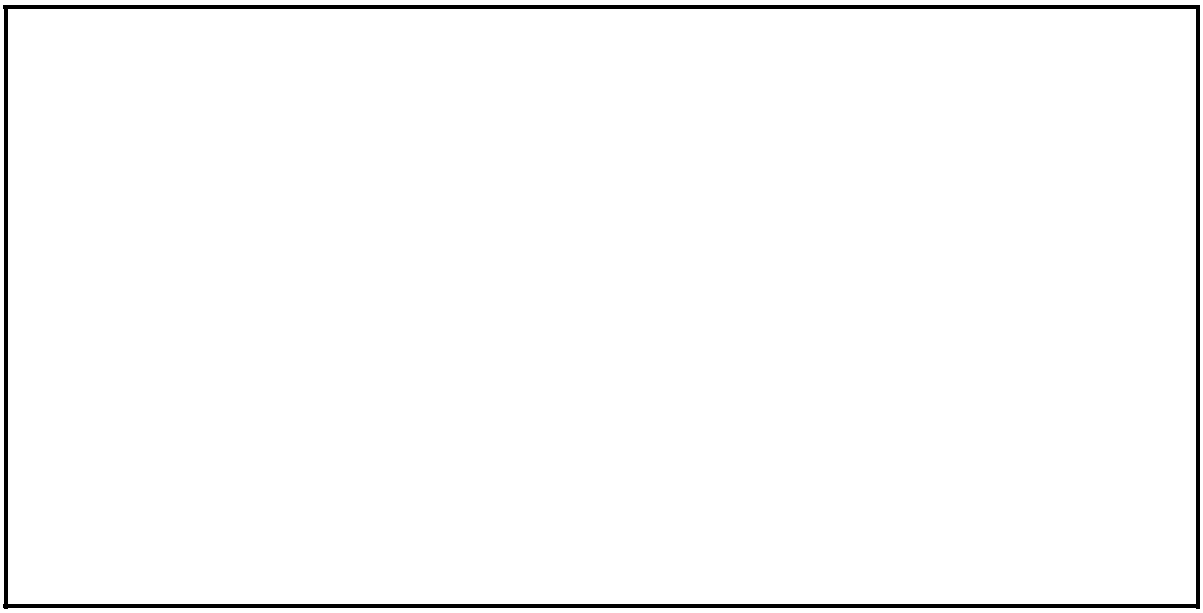
Time Monitoring Began: ***7:15 am*** Time Monitoring Ended: ***7:40 am***

Traffic # (15 min)	***West*** Lane		***East*** Lane	
Heavy Truck	2 #	8 VPH	1 #	4 VPH
Medium Truck	***0*** #	***0*** VPH	***0*** #	***0*** VPH
Cars	***7*** #	***28*** VPH	***8*** #	***32*** VPH
Total	***9*** #	***36*** VPH	***9*** #	***36*** VPH

VPH (volume per hour) Multiply by 4 to get Hourly Volumes

Leq Noise Level L (avg): ***66.4*** Db Distance from Travel Lane: ***20*** ft

Height Above Roadway: ***5*** ft Height Above Ground: ***5*** ft



Site Sketch if needed

Background Noise: ***I-26***

Major Noise Source: ***Car traffic***

Unusual Events:

Comments: ***Access and issue to move further away from the roadway***

NOISE MONITOR DATA

Environmental Specialist: ***Karen Hadley*** Date: ***9/7/12***

Monitor Site #: ***5 I-26*** Grid #:

Travel Lanes: 6 Direction of Lanes: ***E/W***

Speed Limit: ***65*** Surface Conditions: ***Smooth Flat***

Grade: ***Flat*** Wind Speed: ***None*** Weather Conditions: ***partly cloudy***

Surrounding Land Uses: ***Industrial***

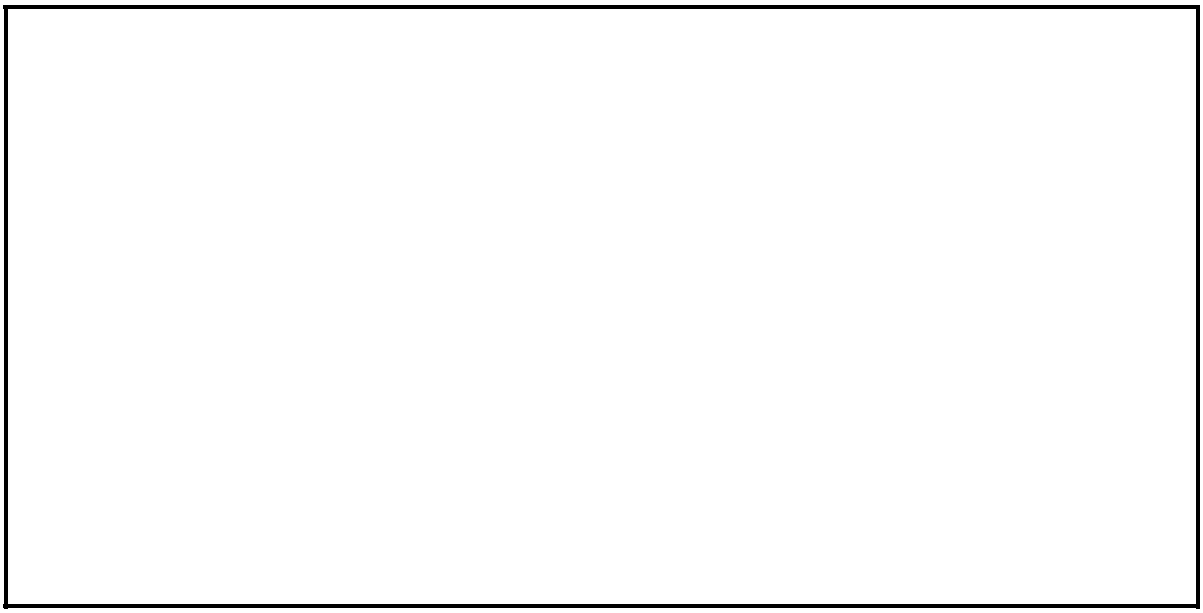
Time Monitoring Began: ***7:47 am*** Time Monitoring Ended: ***8:02 am***

Traffic # (15 min)	***West*** Lane		***East*** Lane	
Heavy Truck	10 #	40 VPH	10 #	40 VPH
Medium Truck	***10*** #	***40*** VPH	***10*** #	***40*** VPH
Cars	***605*** #	***2420*** VPH	***605*** #	***2420*** VPH
Total	***625*** #	***2500*** VPH	***625*** #	***2500*** VPH

VPH (volume per hour) Multiply by 4 to get Hourly Volumes

Leq Noise Level L (avg): ***71.4*** Db Distance from Travel Lane: ***100*** ft

Height Above Roadway: ***5*** ft Height Above Ground: ***5*** ft



Site Sketch if needed

Background Noise: ***I-26***

Major Noise Source: ***Car traffic***

Unusual Events:

Comments: ***Access and issue to move further away from the roadway***

NOISE MONITOR DATA

Environmental Specialist: ***Karen Hadley*** Date: ***9/8/12***

Monitor Site #: ***6 I-26 @ Spruill*** Grid #:

Travel Lanes: 4 Direction of Lanes: ***NW/SW***

Speed Limit: ***40*** Surface Conditions: ***Smooth Flat***

Grade: ***Flat*** Wind Speed: ***None*** Weather Conditions: ***Prtly Cloudy***

Surrounding Land Uses: ***Residential***

Time Monitoring Began: ***8:41am*** Time Monitoring Ended: ***8:57 am***

Traffic # (15 min)	***West*** Lane		***East*** Lane	
Heavy Truck	2 #	8 VPH	2 #	18 VPH
Medium Truck	***1*** #	***4*** VPH	***2*** #	***8*** VPH
Cars	***48*** #	***192*** VPH	***40*** #	***160*** VPH
Total	***51*** #	***204*** VPH	***44*** #	***176*** VPH

VPH (volume per hour) Multiply by 4 to get Hourly Volumes

Leq Noise Level L (avg): ***63.3*** Db Distance from Travel Lane: ***12*** ft

Height Above Roadway: ***5*** ft Height Above Ground: ***5*** ft

Site Sketch if needed

Background Noise: ***I-26***

Major Noise Source: ***Car traffic***

Unusual Events:

Comments: ***Access and issue to move further away from the roadway***

APPENDIX B
TNM RECEPTOR SPREADSHEETS

TNM #	Landuse Type	units	NAC	Criteria	Existing	Impacts	NoBuild	Impacts	Build	Impacts	DIF
1	Resident	1	B	66	60.4	----	61.1	----	61.3	----	0.9
2	Resident	1	B	66	59.9	----	60.5	----	60.7	----	0.8
3	Resident	1	B	66	59.3	----	60	----	60.2	----	0.9
4	Resident	1	B	66	60.5	----	61.1	----	61.3	----	0.8
5	Resident	1	B	66	61.3	----	61.9	----	62.1	----	0.8
6	Church	1	C	66	60	----	60.6	----	60.8	----	0.8
7	Resident	1	B	66	59.3	----	59.9	----	60.1	----	0.8
8	Resident	1	B	66	60.3	----	61	----	61.1	----	0.8
9	Resident	1	B	66	58.9	----	59.6	----	59.7	----	0.8
10	Resident	1	B	66	58.3	----	59	----	59.1	----	0.8
11	Resident	1	B	66	58.2	----	58.9	----	59	----	0.8
12	Restaurant	1	E	71	61.1	----	61.7	----	61.9	----	0.8
13	Resident	1	B	66	59	----	59.7	----	59.9	----	0.9
14	Resident	1	B	66	58	----	58.7	----	58.9	----	0.9
15	Resident	1	B	66	58.4	----	59	----	59.2	----	0.8
16	Funeral Home	1	C	66	61	----	61.6	----	61.8	----	0.8
17	Resident	1	B	66	59.2	----	59.9	----	60.1	----	0.9
18	Resident	1	B	66	57.7	----	58.4	----	58.5	----	0.8
19	Resident	1	B	66	57.7	----	58.3	----	58.5	----	0.8
20	Resident	1	B	66	56.8	----	57.5	----	57.7	----	0.9
21	Resident	1	B	66	57.8	----	58.4	----	58.6	----	0.8
22	Resident	1	B	66	57.5	----	58.1	----	58.3	----	0.8
23	Resident	1	B	66	57.9	----	58.5	----	58.6	----	0.7
24	Resident	1	B	66	58.4	----	59.1	----	59.2	----	0.8
25	Resident	1	B	66	57.8	----	58.5	----	58.6	----	0.8
26	Resident	1	B	66	58	----	58.6	----	58.8	----	0.8
27	Resident	1	B	66	56.9	----	57.6	----	57.6	----	0.7
28	Resident	1	B	66	56.4	----	57	----	57.1	----	0.7
29	Resident	1	B	66	57.1	----	57.7	----	57.9	----	0.8
30	Resident	1	B	66	56.6	----	57.3	----	57.4	----	0.8
31	Resident	1	B	66	57	----	57.7	----	57.8	----	0.8
32	Resident	1	B	66	57.9	----	58.6	----	58.6	----	0.7
33	Resident	1	B	66	58.7	----	59.4	----	59.5	----	0.8
34	Resident	1	B	66	59.1	----	59.7	----	59.9	----	0.8
35	Resident	1	B	66	59.2	----	59.8	----	60	----	0.8
36	Resident	1	B	66	59.6	----	60.3	----	60.5	----	0.9
37	Resident	1	B	66	60	----	60.7	----	60.9	----	0.9
38	Resident	1	B	66	59.6	----	60.3	----	60.5	----	0.9
39	Resident	1	B	66	59.5	----	60.2	----	60.2	----	0.7
40	Resident	1	B	66	58.7	----	59.4	----	59.2	----	0.5
41	Resident	2	B	66	58.3	----	59	----	59	----	0.7
42	Church	1	C	66	57.3	----	58	----	57.9	----	0.6
43	Church	1	C	66	60.5	----	61.2	----	60.2	----	-0.3
44	Resident	1	B	66	59.9	----	60.6	----	59.8	----	-0.1
45	Resident	1	B	66	60	----	60.7	----	60.1	----	0.1
46	Resident	1	B	66	58.9	----	59.6	----	59.5	----	0.6

TNM #	Landuse Type	units	NAC	Criteria	Existing	Impacts	NoBuild	Impacts	Build	Impacts	DIF
47	Resident	2	B	66	59.4	----	60.1	----	59.6	----	0.2
48	Resident	1	B	66	59.7	----	60.4	----	60.2	----	0.5
49	Resident	1	B	66	59.2	----	59.9	----	58.7	----	-0.5
50	Resident	1	B	66	58.1	----	58.8	----	58.2	----	0.1
51	Resident	1	B	66	59.2	----	59.9	----	58	----	-1.2
52	Resident	1	B	66	57.4	----	58.1	----	57.5	----	0.1
53	Resident	1	B	66	57.2	----	57.9	----	57.6	----	0.4
54	Resident	1	B	66	56.8	----	57.5	----	57	----	0.2
55	Resident	1	B	66	59.3	----	60.1	----	57.6	----	-1.7
56	Resident	1	B	66	59.4	----	60.2	----	57.2	----	-2.2
57	Resident	1	B	66	60.5	----	61.3	----	56.4	----	-4.1
58	Resident	2	B	66	59.9	----	60.7	----	56.8	----	-3.1
59	Resident	1	B	66	59	----	59.8	----	55.9	----	-3.1
60	Resident	1	B	66	56.9	----	57.6	----	55.6	----	-1.3
61	Resident	1	B	66	57.3	----	58.1	----	56.3	----	-1
62	Resident	1	B	66	56.2	----	56.9	----	56.1	----	-0.1
63	Resident	2	B	66	55.7	----	56.4	----	55.4	----	-0.3
64	Resident	1	B	66	55	----	55.7	----	55.4	----	0.4
65	Temple	1	C	66	55.2	----	55.9	----	54.7	----	-0.5
66	Resident	1	B	66	60.7	----	61.4	----	55.7	----	-5
67	Resident	1	B	66	60.2	----	61	----	55	----	-5.2
68	Church	1	C	66	54.6	----	55.3	----	55.1	----	0.5
69	Resident	1	B	66	55.3	----	56	----	55.9	----	0.6
70	Church	1	C	66	55.8	----	56.5	----	56.5	----	0.7
71	Resident	1	B	66	55.2	----	55.9	----	55.8	----	0.6
72	Resident	1	B	66	54.6	----	55.3	----	55.2	----	0.6
73	Resident	1	B	66	54.3	----	55	----	54.9	----	0.6
74	Resident	1	B	66	53.9	----	54.6	----	54.4	----	0.5
75	Resident	1	B	66	53.6	----	54.3	----	54.1	----	0.5
76	Resident	1	B	66	53.6	----	54.3	----	54	----	0.4
77	Resident	1	B	66	53.9	----	54.6	----	54.2	----	0.3
78	Resident	1	B	66	53	----	53.7	----	53.3	----	0.3
79	Resident	1	B	66	53.5	----	54.2	----	53.4	----	-0.1
80	Resident	1	B	66	52.6	----	53.3	----	52.9	----	0.3
81	Resident	1	B	66	54.9	----	55.6	----	54.3	----	-0.6
82	Resident	1	B	66	54.6	----	55.3	----	54	----	-0.6
83	Resident	1	B	66	54.5	----	55.2	----	53.9	----	-0.6
84	Resident	1	B	66	54.1	----	54.8	----	53.6	----	-0.5
85	Resident	1	B	66	53.9	----	54.6	----	53.5	----	-0.4
86	Resident	1	B	66	53.2	----	53.9	----	52.8	----	-0.4
87	Resident	1	B	66	55.3	----	56	----	53.4	----	-1.9
88	Resident	1	B	66	55.4	----	56.1	----	53.5	----	-1.9
89	Resident	1	B	66	56.2	----	56.9	----	53.9	----	-2.3
90	Resident	1	B	66	56.1	----	56.8	----	54.1	----	-2
91	Resident	1	B	66	55.9	----	56.6	----	54.2	----	-1.7
92	Resident	1	B	66	56.3	----	57	----	54.7	----	-1.6

TNM #	Landuse Type	units	NAC	Criteria	Existing	Impacts	NoBuild	Impacts	Build	Impacts	DIF
93	Resident	1	B	66	58.9	----	59.6	----	53.8	----	-5.1
94	Resident	1	B	66	57.4	----	58.2	----	53.3	----	-4.1
95	Resident	1	B	66	52.9	----	53.6	----	52.9	----	0
96	Resident	1	B	66	53.2	----	54	----	53.2	----	0
97	Resident	1	B	66	53.1	----	53.8	----	53	----	-0.1
98	Resident	1	B	66	54.2	----	54.9	----	54.2	----	0
99	Resident	1	B	66	53.5	----	54.2	----	53.6	----	0.1
100	Resident	1	B	66	53.6	----	54.3	----	53.6	----	0
101	Resident	1	B	66	52.5	----	53.2	----	52.4	----	-0.1
102	Resident	1	B	66	51.7	----	52.4	----	52	----	0.3
103	empty lot (3)	1	B	66	59	----	59.8	----	54.3	----	-4.7
104	empty lot (1)	1	B	66	56.5	----	57.2	----	55.1	----	-1.4
105	empty lot (1)	1	B	66	56.4	----	57.1	----	54.9	----	-1.5
106	empty lot (2)	1	B	66	52.2	----	52.9	----	52.2	----	0
107	Resident	1	B	66	52.4	----	53.1	----	52.5	----	0.1
108	empty lot (3)	1	B	66	51.9	----	52.6	----	52.2	----	0.3
109	Resident	1	B	66	55.6	----	56.2	----	55.9	----	0.3
110	Resident	1	B	66	56.6	----	57.3	----	57.3	----	0.7
111	Resident	1	B	66	56.6	----	57.3	----	56.7	----	0.1
112	Church	1	C	66	58.8	----	59.6	----	58.2	----	-0.6
113	Resident	1	B	66	59.9	----	60.6	----	59.1	----	-0.8
114	Resident	1	B	66	59.6	----	60.3	----	60.5	----	0.9
115	empty lot (2)	1	B	66	58.2	----	58.9	----	54.4	----	-3.8
116	Resident	1	B	66	59.8	----	60.6	----	54.6	----	-5.2
117	Resident	1	B	66	60.2	----	61	----	54.9	----	-5.3
118	Resident	1	B	66	60	----	60.7	----	55.2	----	-4.8
119	Resident	1	B	66	60.2	----	61	----	55.4	----	-4.8
120	Resident	1	B	66	61.2	----	62	----	55.6	----	-5.6
121	empty lot (2)	1	B	66	58.8	----	59.6	----	56.4	----	-2.4
122	Resident	1	B	66	57	----	57.7	----	56.8	----	-0.2
123	Resident	1	B	66	56.6	----	57.3	----	56.6	----	0
124	Resident	1	B	66	56.3	----	57.1	----	56.3	----	0
125	Resident	1	B	66	56.1	----	56.8	----	56.1	----	0
126	Resident	1	B	66	56.7	----	57.5	----	55.6	----	-1.1
127	Resident	1	B	66	55.4	----	56.1	----	55.7	----	0.3
128	Resident	1	B	66	55.3	----	56	----	55.4	----	0.1
129	Resident	1	B	66	54.7	----	55.4	----	55.1	----	0.4
130	Resident	1	B	66	54.3	----	55	----	55.4	----	1.1
131	empty lot (2)	1	B	66	55.8	----	56.5	----	56.7	----	0.9
132	empty lot (1)	1	B	66	56.2	----	56.9	----	57.1	----	0.9
133	Resident	1	B	66	56.8	----	57.5	----	57.6	----	0.8
134	Resident	1	B	66	58.2	----	58.9	----	57.6	----	-0.6
135	empty lot (1)	1	B	66	57.2	----	57.9	----	58	----	0.8
136	Resident	1	B	66	57.8	----	58.5	----	58.6	----	0.8
137	Resident	1	B	66	58.8	----	59.5	----	58.2	----	-0.6
138	Resident	1	B	66	60	----	60.7	----	59	----	-1

TNM #	Landuse Type	units	NAC	Criteria	Existing	Impacts	NoBuild	Impacts	Build	Impacts	DIF
139	Resident	1	B	66	57.8	----	58.5	----	59.4	----	1.6
140	Resident	1	B	66	56.7	----	57.5	----	58.3	----	1.6
141	Resident	1	B	66	56	----	56.7	----	58.2	----	2.2
142	empty lot (2)	1	B	66	55.5	----	56.2	----	57.5	----	2
143	Resident	1	B	66	55	----	55.7	----	56.9	----	1.9
144	empty lot (2)	1	B	66	54.2	----	54.9	----	56.4	----	2.2
145	Resident	1	B	66	55.7	----	56.4	----	58.7	----	3
146	Resident	1	B	66	56.4	----	57.1	----	58.9	----	2.5
147	Resident	1	B	66	57.2	----	57.9	----	59.8	----	2.6
148	Industrial	1	F	80	65.5	----	66.2	----	66.4	----	0.9
149	Commercial	1	F	80	64.5	----	65.1	----	65.2	----	0.7
150	Commercial	1	F	80	65.6	----	66.3	----	66.4	----	0.8
151	Resident	1	B	66	70.3	Snd Lvl	70.9	Snd Lvl	71	Snd Lvl	0.7
152	Resident	1	B	66	68.2	Snd Lvl	68.9	Snd Lvl	68.9	Snd Lvl	0.7
153	Resident	1	B	66	67.9	Snd Lvl	68.6	Snd Lvl	68.7	Snd Lvl	0.8
154	Resident	1	B	66	69.2	Snd Lvl	69.9	Snd Lvl	69.9	Snd Lvl	0.7
155	Resident	1	B	66	68	Snd Lvl	68.7	Snd Lvl	68.8	Snd Lvl	0.8
156	Resident	1	B	66	65.5	----	66.2	Snd Lvl	66.3	Snd Lvl	0.8
157	Resident	1	B	66	64.8	----	65.5	----	65.6	----	0.8
158	empty lot (3)	1	B	66	66.2	Snd Lvl	66.9	Snd Lvl	67	Snd Lvl	0.8
159	Resident	1	B	66	63	----	63.7	----	63.8	----	0.8
160	Resident	1	B	66	62.5	----	63.2	----	63.3	----	0.8
161	Resident	1	B	66	62	----	62.7	----	62.8	----	0.8
162	Resident	1	B	66	61.3	----	62	----	62.1	----	0.8
163	Resident	1	B	66	61.6	----	62.3	----	62.4	----	0.8
164	Resident	1	B	66	62.4	----	63.1	----	63.2	----	0.8
165	Resident	1	B	66	62.9	----	63.5	----	63.6	----	0.7
166	Resident	1	B	66	62.4	----	63.1	----	63.1	----	0.7
167	Resident	1	B	66	62	----	62.7	----	62.8	----	0.8
168	Resident	1	B	66	61.3	----	62	----	62.1	----	0.8
169	Resident	1	B	66	61.8	----	62.5	----	62.6	----	0.8
170	Resident	1	B	66	62.3	----	63	----	63	----	0.7
171	Resident	1	B	66	63.9	----	64.6	----	64.7	----	0.8
172	Resident	1	B	66	64.6	----	65.3	----	65.4	----	0.8
173	Resident	1	B	66	65.3	----	66	Snd Lvl	66.1	Snd Lvl	0.8
174	Resident	1	B	66	65.9	----	66.6	Snd Lvl	66.7	Snd Lvl	0.8
175	Resident	1	B	66	66.5	Snd Lvl	67.2	Snd Lvl	67.3	Snd Lvl	0.8
176	Resident	1	B	66	69.1	Snd Lvl	69.8	Snd Lvl	69.9	Snd Lvl	0.8
177	Resident	1	B	66	69.5	Snd Lvl	70.2	Snd Lvl	70.3	Snd Lvl	0.8
178	Resident	1	B	66	69.3	Snd Lvl	70	Snd Lvl	70.1	Snd Lvl	0.8
179	Resident	1	B	66	69.6	Snd Lvl	70.3	Snd Lvl	70.4	Snd Lvl	0.8
180	Resident	1	B	66	69.7	Snd Lvl	70.4	Snd Lvl	70.5	Snd Lvl	0.8
181	Resident	1	B	66	69.9	Snd Lvl	70.6	Snd Lvl	70.7	Snd Lvl	0.8
182	Resident	1	B	66	66.6	Snd Lvl	67.3	Snd Lvl	67.3	Snd Lvl	0.7
183	Resident	1	B	66	66	Snd Lvl	66.7	Snd Lvl	66.7	Snd Lvl	0.7
184	Resident	1	B	66	65.4	----	66.1	Snd Lvl	66.2	Snd Lvl	0.8

TNM #	Landuse Type	units	NAC	Criteria	Existing	Impacts	NoBuild	Impacts	Build	Impacts	DIF
185	Resident	1	B	66	64.7	----	65.4	----	65.4	----	0.7
186	Resident	1	B	66	64	----	64.7	----	64.8	----	0.8
187	Resident	1	B	66	65.1	----	65.8	----	65.9	----	0.8
188	Resident	1	B	66	64.2	----	64.9	----	65	----	0.8
189	Resident	1	B	66	63.3	----	63.9	----	64	----	0.7
190	Resident	1	B	66	64	----	64.7	----	64.8	----	0.8
191	Resident	1	B	66	65.1	----	65.7	----	65.8	----	0.7
192	Resident	1	B	66	65.9	----	66.6	Snd Lvl	66.7	Snd Lvl	0.8
193	Resident	1	B	66	66.9	Snd Lvl	67.5	Snd Lvl	67.6	Snd Lvl	0.7
194	Resident	1	B	66	66.9	Snd Lvl	67.6	Snd Lvl	67.6	Snd Lvl	0.7
195	Resident	1	B	66	67.6	Snd Lvl	68.3	Snd Lvl	68.4	Snd Lvl	0.8
196	Resident	1	B	66	66.6	Snd Lvl	67.3	Snd Lvl	67.3	Snd Lvl	0.7
197	Resident	1	B	66	65.7	----	66.4	Snd Lvl	66.5	Snd Lvl	0.8
198	Resident	1	B	66	63.5	----	64.2	----	64.3	----	0.8
199	Resident	1	B	66	62.9	----	63.6	----	63.8	----	0.9
200	Resident	1	B	66	62.5	----	63.2	----	63.3	----	0.8
201	Resident	1	B	66	62	----	62.7	----	62.8	----	0.8
202	Resident	1	B	66	61.3	----	62	----	62.1	----	0.8
203	Resident	1	B	66	62.4	----	63.1	----	63.2	----	0.8
204	Resident	1	B	66	73.2	Snd Lvl	73.9	Snd Lvl	74	Snd Lvl	0.8
205	Resident	1	B	66	73.2	Snd Lvl	73.9	Snd Lvl	74	Snd Lvl	0.8
206	Resident	1	B	66	73.6	Snd Lvl	74.2	Snd Lvl	74.4	Snd Lvl	0.8
207	Resident	1	B	66	72	Snd Lvl	72.6	Snd Lvl	72.8	Snd Lvl	0.8
208	Resident	1	B	66	73.4	Snd Lvl	74.1	Snd Lvl	74.2	Snd Lvl	0.8
209	Resident	1	B	66	72.3	Snd Lvl	73	Snd Lvl	73.1	Snd Lvl	0.8
210	Resident	1	B	66	72.7	Snd Lvl	73.4	Snd Lvl	73.6	Snd Lvl	0.9
211	Resident	1	B	66	73.1	Snd Lvl	73.8	Snd Lvl	73.9	Snd Lvl	0.8
212	Resident	1	B	66	72.2	Snd Lvl	72.9	Snd Lvl	73	Snd Lvl	0.8
213	Resident	1	B	66	71.9	Snd Lvl	72.5	Snd Lvl	72.7	Snd Lvl	0.8
214	Resident	1	B	66	72.7	Snd Lvl	73.4	Snd Lvl	73.6	Snd Lvl	0.9
215	Resident	1	B	66	72.7	Snd Lvl	73.4	Snd Lvl	73.5	Snd Lvl	0.8
216	Resident	1	B	66	72.6	Snd Lvl	73.3	Snd Lvl	73.4	Snd Lvl	0.8
217	Resident	1	B	66	72.4	Snd Lvl	73.1	Snd Lvl	73.2	Snd Lvl	0.8
218	Resident	1	B	66	72.6	Snd Lvl	73.3	Snd Lvl	73.4	Snd Lvl	0.8
219	Resident	1	B	66	67.1	Snd Lvl	67.8	Snd Lvl	67.9	Snd Lvl	0.8
220	Resident	1	B	66	67.5	Snd Lvl	68.2	Snd Lvl	68.3	Snd Lvl	0.8
221	Resident	1	B	66	67.7	Snd Lvl	68.4	Snd Lvl	68.5	Snd Lvl	0.8
222	Resident	1	B	66	67.9	Snd Lvl	68.6	Snd Lvl	68.7	Snd Lvl	0.8
223	Resident	1	B	66	68.1	Snd Lvl	68.8	Snd Lvl	68.9	Snd Lvl	0.8
224	Resident	1	B	66	68.3	Snd Lvl	69	Snd Lvl	69.1	Snd Lvl	0.8
225	Resident	1	B	66	65	----	65.7	----	65.8	----	0.8
226	Resident	1	B	66	64.6	----	65.3	----	65.3	----	0.7
227	Resident	1	B	66	64.1	----	64.8	----	64.8	----	0.7
228	Resident	1	B	66	63.5	----	64.2	----	64.3	----	0.8
229	Resident	1	B	66	63	----	63.7	----	63.7	----	0.7
230	Resident	1	B	66	62.6	----	63.2	----	63.3	----	0.7

TNM #	Landuse Type	units	NAC	Criteria	Existing	Impacts	NoBuild	Impacts	Build	Impacts	DIF
231	Resident	1	B	66	61.8	----	62.5	----	62.6	----	0.8
232	Resident	1	B	66	69.9	Snd Lvl	70.6	Snd Lvl	70.8	Snd Lvl	0.9
233	Resident	1	B	66	68.4	Snd Lvl	69.1	Snd Lvl	69.3	Snd Lvl	0.9
234	Resident	1	B	66	66.6	Snd Lvl	67.3	Snd Lvl	67.6	Snd Lvl	1
235	Resident	1	B	66	64.9	----	65.6	----	65.9	----	1
236	Tennis Courts	1	C	66	59.3	----	60	----	60.3	----	1
237	Resident	1	B	66	62.1	----	62.8	----	62.9	----	0.8
238	Resident	1	B	66	60.5	----	61.2	----	61.4	----	0.9
239	Resident	1	B	66	62.1	----	62.8	----	62.9	----	0.8
240	Resident	1	B	66	63.2	----	63.9	----	64.1	----	0.9
241	Resident	1	B	66	64.8	----	65.5	----	65.6	----	0.8
242	Resident	1	B	66	62.6	----	63.3	----	63.4	----	0.8
243	Resident	1	B	66	62.1	----	62.8	----	62.8	----	0.7
244	Resident	1	B	66	61.1	----	61.8	----	61.9	----	0.8
245	Resident	1	B	66	59.3	----	60	----	60.1	----	0.8
246	Commercial	1	F	80	65.1	----	65.8	----	65.9	----	0.8
247	Commercial	1	F	80	65.9	----	66.6	----	66.7	----	0.8
248	Resident	1	B	66	72.9	Snd Lvl	73.6	Snd Lvl	73.7	Snd Lvl	0.8
249	Resident	1	B	66	73.2	Snd Lvl	73.9	Snd Lvl	74	Snd Lvl	0.8
250	Commercial	1	F	80	74.4	----	75.1	----	75.2	----	0.8
251	Commercial	1	F	80	72.2	----	72.9	----	73	----	0.8
252	Commercial	1	F	80	72.9	----	73.5	----	73.7	----	0.8
253	Commercial	1	F	80	65.4	----	66.1	----	66.2	----	0.8
254	Commercial	1	F	80	65.2	----	65.9	----	66	----	0.8
255	Commercial	1	F	80	72.2	----	72.9	----	73	----	0.8
256	Resident	1	B	66	69.3	Snd Lvl	70	Snd Lvl	70.1	Snd Lvl	0.8
257	Commercial	1	F	80	70	----	70.7	----	70.8	----	0.8
258	Commercial	1	F	80	72.7	----	73.4	----	73.5	----	0.8
259	Commercial	1	F	80	71.2	----	71.9	----	72	----	0.8
260	Commercial	1	F	80	71.3	----	72	----	72	----	0.7
261	Commercial	1	F	80	70.7	----	71.4	----	71.5	----	0.8
262	Resident	1	B	66	68.3	Snd Lvl	68.9	Snd Lvl	69.1	Snd Lvl	0.8
263	Baseball Field	1	C	66	67.2	Snd Lvl	67.8	Snd Lvl	67.9	Snd Lvl	0.7
264	Vacant	1	G	80	65.2	----	65.9	----	66	----	0.8
265	Vacant	1	G	80	63.9	----	64.6	----	64.8	----	0.9
266	Vacant	1	G	80	61.9	----	62.6	----	63	----	1.1
267	Industrial	1	F	80	60.6	----	61.3	----	61.5	----	0.9
268	Commercial	2	F	80	56.2	----	56.8	----	58.3	----	2.1
269	Commercial	1	F	80	56.3	----	57	----	58	----	1.7
270	Industrial	1	F	80	53.7	----	54.4	----	55.6	----	1.9
271	Industrial	1	F	80	61.3	----	62	----	62.2	----	0.9
272	Commercial	1	F	80	61.9	----	62.5	----	62.8	----	0.9
273	Commercial	1	F	80	60.3	----	60.9	----	61	----	0.7
274	Vacant	1	G	80	65.3	----	66	----	66.1	----	0.8
275	Vacant	1	G	80	65	----	65.7	----	65.9	----	0.9
276	Commercial	1	F	80	67.5	----	68.2	----	68.3	----	0.8

TNM #	Landuse Type	units	NAC	Criteria	Existing	Impacts	NoBuild	Impacts	Build	Impacts	DIF
277	Commercial	1	F	80	68.1	----	68.8	----	69	----	0.9
278	Commercial	1	F	80	62.9	----	63.6	----	63.6	----	0.7
279	Health Care	1	C	66	61.7	----	62.4	----	62.5	----	0.8
280	Vacant	1	G	80	64.2	----	64.8	----	65	----	0.8
281	Health Care	1	C	66	59.2	----	59.9	----	59.9	----	0.7
282	Vacant	1	G	80	56.6	----	57.3	----	57.3	----	0.7
283	Commercial	1	F	80	56.5	----	57.2	----	57.2	----	0.7
284	Commercial	1	F	80	57.7	----	58.4	----	58.4	----	0.7
285	Commercial	1	F	80	58.6	----	59.3	----	59.4	----	0.8
286	Commercial	1	F	80	55	----	55.7	----	55.7	----	0.7
287	Industrial	1	F	80	58.4	----	59.1	----	59.2	----	0.8
288	Vacant	1	G	80	61.3	----	62	----	62.5	----	1.2
289	Vacant	1	G	80	57.8	----	58.5	----	58.9	----	1.1
290	Vacant	1	G	80	58.2	----	58.9	----	59.3	----	1.1
291	Vacant	1	G	80	62.5	----	63.2	----	63.6	----	1.1
292	Vacant	1	G	80	59.2	----	59.9	----	60.2	----	1
293	Vacant	1	G	80	57.1	----	57.8	----	58.1	----	1
294	Resident	1	B	66	61.2	----	61.9	----	62	----	0.8
295	Resident	1	B	66	60.2	----	60.9	----	61	----	0.8
296	Resident	1	B	66	59.8	----	60.5	----	60.6	----	0.8
297	Resident	1	B	66	58.5	----	59.1	----	59.3	----	0.8
298	Resident	1	B	66	54.4	----	55.1	----	57.2	----	2.8
299	Resident	1	B	66	59.7	----	60.4	----	59.8	----	0.1
300	Resident	1	B	66	60.5	----	61.3	----	57.8	----	-2.7
301	Resident	1	B	66	60.5	----	61.3	----	56.7	----	-3.8
302	Resident	1	B	66	61.7	----	62.4	----	56.1	----	-5.6
303	Resident	1	B	66	58.1	----	58.8	----	58.4	----	0.3
304	Resident	1	B	66	57.2	----	57.9	----	57.1	----	-0.1
305	empty lot (2)	1	B	66	57	----	57.8	----	56.5	----	-0.5
306	empty lot (3)	1	B	66	57.3	----	57.9	----	58.1	----	0.8
307	Resident	1	B	66	58.7	----	59.4	----	59.5	----	0.8
308	Resident	1	B	66	58.3	----	59	----	59.1	----	0.8
309	Resident	1	B	66	58.5	----	59.1	----	59.3	----	0.8
310	empty lot (2)	1	B	66	60.8	----	61.5	----	61.7	----	0.9
311	Commercial	1	F	80	72.7	----	73.4	----	73.5	----	0.8
312	Community Center	1	C	66	61.2	----	61.9	----	62.3	----	1.1
313	Resident	1	B	66	66.8	Snd Lvl	67.5	Snd Lvl	67.6	Snd Lvl	0.8
314	Picknick Areas	1	C	66	71.7	Snd Lvl	72.4	Snd Lvl	72.4	Snd Lvl	0.7
315	Apartment	1	B	66	56.4	----	57.1	----	57.2	----	0.8
316	Commercial	1	F	80	53.8	----	54.5	----	56.7	----	2.9
317	Commercial	1	F	80	59.7	----	60.4	----	60.6	----	0.9
318	Commercial	1	F	80	57.8	----	58.5	----	58.7	----	0.9

APPENDIX C

NOISE BARRIER FEASIBILITY AND REASONABLENESS WORKSHEETS

SCDOT Feasibility and Reasonableness Worksheet

Date: 10/10/2012

Project Name Port Access Road Interchange 1-26

Highway Traffic Noise Abatement Measure Barrier 01

Feasibility

Number of Impacted Receivers	54	Number of Benefited Receivers	54
Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure	100%		

Is the proposed noise abatement measure acoustically feasible?
NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible.

☒ Yes ☐ No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

Topography	☐ Yes	☒ No
Safety	☐ Yes	☒ No
Drainage	☐ Yes	☒ No
Utilities	☐ Yes	☒ No
Maintenance	☐ Yes	☒ No
Access	☐ Yes	☒ No
Exposed Height of Wall	☐ Yes	☒ No

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

#1: Noise Reduction Design Goal

Number of Benefited Receivers: 71

Number of Benefited Receivers that achieve at least an 8 dBA reduction: 71

Percentage of Benefited Receivers that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers must achieve at least a 8 dBA reduction for it to be reasonable.: 100%

Is the proposed noise abatement measure acoustically feasible? ☒ Yes ☐ No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure: $35.00

Estimated construction cost for noise abatement measure: $1,780,032

Estimated cost per Benefited Receiver: $18,163

Based on the SCDOT policy of $30,000 per Benefited Receiver, would the abatement measure be reasonable? NOTE: SCDOT Policy states that the preliminary noise analysis is based on $35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation. ☒ Yes ☐ No

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above):

Number of Benefited Receivers in **support** of noise abatement measure:

Percentage of Benefited Receivers in **support** of noise abatement measure:

Number of Benefited Receivers **opposed** to noise abatement measure:

Percentage of Benefited Receivers **opposed** to noise abatement measure:

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure:

Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure:

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. ☐ Yes ☐ No

Final Determination for Noise Abatement Measure

SCDOT Feasibility and Reasonableness Worksheet

Date: 10/10/2012

Project Name Port Access Road Interchange 1-26

Highway Traffic Noise Abatement Measure Barrier 02

Feasibility

Number of Impacted Receivers	2	Number of Benefited Receivers	2
Percentage of Impacted Receivers that would achieve a 5 dBA reduction from the proposed noise abatement measure	100%		

Is the proposed noise abatement measure acoustically feasible?
NOTE:SCDOT Policy indicates that 75% of the impacted receivers must achieve at least a 5 dBA reduction for it to be acoustically feasible.

☒ Yes ☐ No

Would any of the following issues limit the ability of the abatement measure to achieve the noise reduction goal?

Topography	☐ Yes	☒ No
Safety	☐ Yes	☒ No
Drainage	☐ Yes	☒ No
Utilities	☐ Yes	☒ No
Maintenance	☐ Yes	☒ No
Access	☐ Yes	☒ No
Exposed Height of Wall	☐ Yes	☒ No

If "Yes" was marked for any of the questions above, please explain below.

Detailed Description

Reasonableness

According to 23 CFR 772.13(d)(2)(iv) the abatement measure must collectively achieve each of these criteria to be reasonable. Therefore if any of the three mandatory reasonable factors are not achieved, then the abatement measure is determined NOT to be reasonable. When completing the form it is not necessary to detail each of the criteria if one was determined not to be reasonable.

#1: Noise Reduction Design Goal

Number of Benefited Receivers: 2

Number of Benefited Receivers that achieve at least an 8 dBA reduction: 2

Percentage of Benefited Receivers that would achieve at least a 8 dBA reduction from the proposed noise abatement measure. NOTE: SCDOT Policy indicates that 80% of the benefited receivers must achieve at least a 8 dBA reduction for it to be reasonable.: 100%

Is the proposed noise abatement measure acoustically feasible? ☒ Yes ☐ No

If "Yes" is marked, continue to #2. If "No" is marked, then abatement is determined NOT to be reasonable.

#2: Cost Effectiveness

Estimated cost per square foot for noise abatement measure: $35.00

Estimated construction cost for noise abatement measure: $97,059

Estimated cost per Benefited Receiver: $48,529

Based on the SCDOT policy of $30,000 per Benefited Receiver, would the abatement measure be reasonable? NOTE: SCDOT Policy states that the preliminary noise analysis is based on $35.00 per square foot and a more project-specific construction cost should be applied at a cost per square foot basis during the detailed noise abatement evaluation. ☐ Yes ☒ No

If "Yes" is marked, continue to #3. If "No" is marked, then abatement is determined NOT to be reasonable.

#3: Viewpoints of the property owners and residents of the benefitted receivers

Number of Benefited Receivers (same as above):

Number of Benefited Receivers in **support** of noise abatement measure:

Percentage of Benefited Receivers in **support** of noise abatement measure:

Number of Benefited Receivers **opposed** to noise abatement measure:

Percentage of Benefited Receivers **opposed** to noise abatement measure:

Number of Benefited Receivers **that did not respond** to solicitation on noise abatement measure:

Percentage of Benefited Receivers **that did not respond** to solicitation on noise abatement measure:

Based on the viewpoints of the property owners and residents of the Benefited Receivers, would the abatement measure be reasonable? NOTE: SCDOT Policy indicates that the noise abatement shall be constructed unless greater than 50% of the benefited receptors are opposed to noise abatement. ☐ Yes ☐ No

Final Determination for Noise Abatement Measure

PHASE I
ENVIRONMENTAL SITE ASSESSMENT
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME Project No. 1131-08-554

Prepared for:

South Carolina Department of Transportation
Lowcountry RPG, Room 406
955 Park Street
Columbia, South Carolina 29202

Prepared by:

620 Wando Park Boulevard
Mount Pleasant, South Carolina 29464

January 2011

January 24, 2011

South Carolina Department of Transportation
Lowcountry RPG, Room 406
955 Park Street
Columbia, South Carolina 29202

Attention: Mr. Chris Gaskins, P.E., P.G.

Reference: **Report of Phase I Environmental Site Assessment**
Port Access Road
North Charleston, South Carolina
SCDOT File No. 10.037345A
S&ME Project No. 1131-08-554

Dear Mr. Gaskins:

S&ME, Inc. has completed a Phase I Environmental Site Assessment for the referenced property. The attached report presents the findings of S&MEs Phase I Environmental Site Assessment which was performed in general accordance with ASTM E 1527-05 and S&ME Proposal No. 34-08-087B, dated June 29, 2010.

S&ME appreciates the opportunity to provide the Environmental Site Assessment for this project. Please contact us at your convenience if there are questions regarding the information contained in this report.

Sincerely,

S&ME, Inc.

Mary Beth Cline, P.E.
Project Manager

Chuck Black, P.E.
Senior Engineer

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SUMMARY

S&ME, Inc. has completed a Phase I Environmental Site Assessment (ESA) for the site described herein on the Port Access Road property located in North Charleston, South Carolina. The subject site comprises 63 Charleston County tax parcels identified by the South Carolina Department of Transportation (SCDOT) as Tracts 1-70. Tract 36 and Tract 64 were omitted. Tracts 65, 66, 68, 69, and 70 are not identified with tax map numbers. Our services were authorized by the SCDOT through acceptance of our proposal No. 31-08-087B dated June 29, 2010. This summary is intended as an overview of the Phase I ESA, for the convenience of the reader. The complete report must be reviewed in its entirety prior to making decisions regarding this site.

The subject property is located in the neck area of the Charleston Peninsula. Property reviewed as part of this assessment includes: land parallel to Interstate 26, Spruill Avenue, and Stromboli Avenue; land for a new road to connect Interstate 26 with the proposed Marine Container Terminal at the Charleston Naval Complex and Bainbridge Avenue; and land for a new road to connect Spruill Avenue with Bainbridge Avenue.

We contracted Environmental Data Resources, Inc. (EDR) to conduct an environmental database search of the subject property and the surrounding area. The subject property and numerous off-site facilities were listed in the databases report. Interviews with owners and government officials, historical and regulatory research, and observations indicated significant environmental concerns including land use controls (LUCs), active areas of concern (AOCs), solid waste management units (SWMUs), Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) listings, Brownfield sites, State Hazardous Waste Site (SHWS) facilities, Groundwater Contamination Inventory (GWCI) listings, and other environmental findings related to the current conditions on the subject property. Additionally, several adjacent properties exhibit environmental concerns.

Based on this Phase I ESA, S&ME found no evidence *recognized environmental conditions* in connection with the subject property, except the following:

On-site

- Regulatory status (Swift Agri-Chem Corporation) and historical property use of Tract 1 and Tract 66
- Regulatory status (Rhodia and Mobile Chemical Company) and historical property use of Tract 4, Tract 4A, Tract 4B, Tract 4C, and Tract 4D
- Regulatory status (Van Ness Sign & Leasing Site) and historical property use of Tract 5 and Tract 68
- Historical presence of a gas tank on Tract 6
- Past operation of Southern Chemical and Professional Carpet Sales on Tract 11 and historical ownership of Tract 9, Tract 10, and Tract 11 by Southern Chemical
- Historical land use as a machine shop since 1981 and stained soils on Tract 20

- Previous land use as an automobile junk yard, observed mounds, and historical auto shop on Tract 22
- Historical property use of Tract 24 as a gasoline station
- Historical property use of Tract 25 as a repair shop since at least 1955
- Historical property use of Tract 26 as a body shop from 1975 to 1990 and the historical property ownership by Atlantic Pest Control Company in 1960
- Historical property use of Tract 28 and Tract 61 as a truck repair shop with floor drains, trough drains, oils, lubricants, parts washers, and an oil water separator
- Regulatory status (Macalloy) and historical property use of Tracts 29, 30, 31, 32, 33, 59, and 65
- Regulatory status (SWMU 9 and SWMU 196) and historical land use of Tract 34, Tract 35 and Tract 70 as a landfill on the Navy Base and groundwater contamination above the RBSLs associated with the USTs previously located at Building 661
- Historical land use of Tract 37 as the Charleston County incinerator and documented groundwater contamination
- Historical operation of a blast pit and the spent materials from the blasting on Tract 38
- Operation of chassis repair shop and stained soils on Tract 39
- Operation of a stevedoring repair shop and oil water separator on Tract 43
- The previous use of an underground storage tank on Tract 45 with no closure assessment
- Groundwater contamination above the RBSL and the historical operation of the wash bay, the associated underground piping, and potential for an oil-water separator on Tract 46
- Groundwater contamination on Tract 47 associated with the plume on Tract 46
- An active UST release with additional assessment pending on Tract 49
- Historical property use of Tract 57 as a gasoline station
- Historical property use of Tract 62 as a junk yard
- The former TriState landfill
- Septic tanks on non-residential properties
- The unknown source and content of fill material in marshlands
- Historical ownership of Tract 1, Tract 66, Tract 2, Tract 3, Tracts 4, 4A, 4B, 4C, and 4D, Tract 5, Tract 23 and Tract 63 by fertilizer and chemical companies

Offsite

- Current operations, the stained soil, and underground piping associated with the ASTs on Tract 38
- Historical use of the property on the southwest corner of the intersection of Disher Street and King Street Extension (eastern adjoining property of Tract 20) as an auto junk yard, used auto parts store and the current use as a truck repair shop
- Previous operation of Maloney Fertilizer on the eastern/northeastern adjoining property of Tract 2 and Tract 3
- Previous operation of a drycleaner located in the northeast corner of the intersection of Corona Street and Riverview Avenue

- B.L. Montegue & Co., located north of Azalea Drive at its intersection with King Street Extension
- Historical operation of a filling (retail petroleum) station, auto repair shops, and a scrap yard on the northern off-site portion of Tract 67
- Infinger Transportation Company located approximately 800 feet from the subject property.
- Excel Apparatus Services, General Electric Company, and Besco Facility listed on the UST, FTTS, UST, RCRA-NonGen, PADS, Brownfields, and SHWS databases approximately 1000 feet from subject property.
- Phosphate plants, chemical companies, fertilizer companies, bulk oil terminals, and the Navy Base have operated in the neck area of the Charleston Peninsula since the 1800s.

1. INTRODUCTION

S&ME, Inc. (S&ME) conducted a Phase I ESA on property the SCDOT is considering for purchase. The proposed project is a new road that will connect the proposed Marine Container Terminal at the former Charleston Naval Complex (CNC) to Interstate 26 in North Charleston, South Carolina. The road will be a new alignment with predominantly elevated structures and a new interchange at Interstate-26. The project also includes new and improved sections of surface roads in the immediate project area. The total length of the project is approximately 5 miles and includes the planned acquisition of multiple parcels of property. The project will entail the demolition of several existing structures including two highway overpasses.

The ESA was conducted using the American Society for Testing and Materials (ASTM) E 1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and in accordance with S&ME, Inc. proposal 31-08-087B dated June 29, 2010.

1.1 Purpose

The purpose of the ESA is to identify, pursuant to ASTM E 1527-05, recognized environmental conditions in connection with the subject property.

ASTM defines the term *recognized environmental condition* (REC) as the presence or likely presence of hazardous substances or petroleum products on the property under conditions that indicate an existing release, past release, or a material threat of a release of hazardous substances or petroleum products into the structures on the property or into the ground, groundwater, or surface water of the property. The term does not included *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies.

1.2 Detailed Scope of Services

1.2.1 ASTM E-1527-05

S&MEs approach to performing this Environmental Site Assessment consisted of four major tasks in accordance with ASTM Standard Practice E1527-05.

Task 1 - A review of reasonably ascertainable public records for the site and the immediate vicinity was conducted. This review was performed to characterize environmental features of the site and to identify past and present land use activities, on or in the vicinity of the site, which may indicate a potential for *recognized environmental conditions*. The review of the reasonable ascertainable public records included:

1. Examination of federal, state, tribal and reasonably ascertainable local public records for the site and immediate vicinity.

2. Examination of one or more of the following standard sources: aerial photographs, fire insurance maps, tax files, building department records, zoning/land use records, street directories and topographic maps of the site and vicinity for evidence suggesting past uses that might have involved hazardous substances or petroleum products.

Task 2 - A site reconnaissance was performed to identify visual signs of past or existing contamination on or adjacent to the site. This reconnaissance was also performed to evaluate evidence found in our public record review that might indicate activities resulting in hazardous substances or petroleum products being used or deposited on the site. The site reconnaissance included the following activities:

1. A reconnaissance of the site and adjacent properties was performed to look for evidence of current and past property uses, signs of spills, stressed vegetation, buried waste, underground or above ground storage tanks, subsidence, transformers, or unusual soil discoloration which may indicate the possible presence of contaminants on the properties. Photographs are provided to document these conditions.

2. The exterior reconnaissance involved a viewing of the periphery of the property and a walk-through of accessible areas of the site interior.

Task 3 – Interviews with past and present property owners, operators and occupants as well as with appropriate local officials were conducted to consider any local knowledge of hazardous substances or petroleum products on the property or on adjacent properties.

Task 4 - Report preparation and review.

1.2.2 Exclusions from and Additions to Scope of Services

Unless specifically authorized as an addition to the Phase I ESA work scope, the assessment did not include any assessment of environmental conditions not specifically included in the ASTM E1527-05 standard including, but not limited to sampling of materials (i.e., soil, surface water, groundwater or air), or the assessment of business risk issues such as wetlands, lead in drinking water, asbestos containing materials, mold, fungi or bacteria in on-site buildings, regulatory compliance, cultural/historic risks, industrial hygiene, health/safety, ecological resources, endangered species, indoor air quality (including an evaluation of vapor intrusion), radon or high voltage power lines.

1.3 Significant Assumptions

The groundwater within the local geologic province is typically contained in an unconfined (water table) aquifer. The slope of the water table under static conditions (no pumping interference) often approximates the land surface topography. Thus, the interpreted groundwater flow direction is assumed to be approximately the same as the dip of the ground surface. Perennial surface waters (creeks, streams, rivers, etc.) are assumed to act as a discharge point for groundwater flow.

1.4 Limitations and Exceptions of Assessment

This Phase I Environmental Site Assessment was conducted using ASTM E 1527-05. The findings of this report are applicable and representative of conditions encountered at the property on the date of this assessment, and may not represent conditions at a later date. The review of public records was limited to that information which was available to S&ME at the time this report was prepared. Interviews with local and state government authorities were limited to those people whom S&ME was able to contact during the preparation of this report. Information was derived from “reasonably ascertainable” and “practically reviewable” sources in compliance with our understanding of the standards set forth by ASTM E 1527-05.

Specific limitations to this assessment are; the operational history of the subject property and adjacent properties could not be documented in five year intervals or prior to development because standard historical sources with that information were not reasonably ascertainable. In addition, complete chain-of-title and environmental lien and activity or use limitations information was not provided by the user.

The client was responsible for reviewing land title and judicial records for environmental liens or activity and use limitations. Information provided by the client is assumed to be correct.

Limitations encountered during the site reconnaissance include dense vegetation, marshland/water, fences, and locked areas as described in Section 5.3 of this report. S&ME was unable to access Rhodia property (Tract 4, 4A, 4B, 4C, or 4D) at the time of this report.

S&ME was unable to interview property owners for Tract 6, Tract 7, Tract 8, Tract 12, Tract 13, Tract 14, Tract 15, Tract 16, Tract 17, Tract 18, Tract 27, Tract 31, Tract 32, Tract 33, Tract 60, Tract 62, Tract 63, Tract 65, Tract 67. Interviews with key site managers and occupants were limited as described in Section 6.2 and Section 6.3 of this report, respectively.

1.5 Special Terms and Conditions

This Phase I ESA was conducted in accordance with S&ME Proposal No. 31-08-087B, dated June 29, 2010.

1.6 User Reliance

The resulting report is provided for the sole use of the South Carolina Department of Transportation. Use of this report by any third parties will be at such party's sole risk

According to standards set forth by ASTM 1527-05, components of the Phase I ESA will expire 180 days from the date of completion of that component and may therefore require updating if the date of property acquisition exceeds this time period. The following table lists the dates of completion for pertinent components:

Component	Date of Initiation
Environmental Database Search	November 12, 2010
Site Reconnaissance	October 2010-January 2011
Interviews	October 2010-January 2011
Environmental Lien Search	Not provided

2. SITE DESCRIPTION

2.1 Site Location

The subject property is located in the neck area of the Charleston Peninsula in North Charleston, South Carolina. The property is comprised of Charleston County TMS parcels as shown in the following table. Refer to Figures in Appendix I for the site location and Appendix II for the Charleston County tax map information.

Tract No.	Property Owner	Reviewed Acreage	Charleston County TMS
1	Ashley II of Charleston, LLC	1.48 AC	469-00-00-002
2	Padgett, Richard M. & Marcus James	0.45 AC	466-07-00-005
3	Twenty First Properties, Inc.	1.66 AC	466-07-00-006
4	Albright & Wilson Americas, Inc.	3.94 AC	466-00-00-011
4A	Albright & Wilson Americas, Inc.	0.15 AC	466-00-00-011
4B	Albright & Wilson Americas, Inc.	1.74 AC	466-00-00-011
4C	Albright & Wilson Americas, Inc.	1.16 AC	466-00-00-011

Tract No.	Property Owner	Reviewed Acreage	Charleston County TMS
4D	Albright & Wilson Americas, Inc.	0.50 AC	466-00-00-011
5	Ashley II of Charleston, LLC	1.31 AC	466-00-00-023
6	Albrecht, Albrecht & Shuler A Partnership	1.66 AC	466-16-00-099
7	Albrecht, Albrecht & Shuler A Partnership	0.01 AC	466-16-00-117
8	Rosemont Acres Inc. & Equip Care Center	0.59 AC	464-01-00-031
9	Crisp, Arthur E.	0.02 AC	466-16-00-118
10	Crisp, Arthur E.	0.06 AC	466-16-00-100
11	ADJ & Associates	0.09 AC	466-16-00-101
12	Xiphias Holdings, LLC	0.06 AC	466-16-00-104
13	Williams, Myrtices	0.01 AC	464-01-00-030
14	Xiphias Holdings, LLC	0.06 AC	466-16-00-120
15	Xiphias Holdings, LLC	0.06 AC	466-16-00-108
16	Xiphias Holdings, LLC	0.09 AC	466-16-00-112
17	Xiphias Holdings, LLC	0.04 AC	466-16-00-112
18	Xiphias Holdings, LLC	0.03 AC	466-16-00-112
19	Sherman, Harold I.	0.01 AC	464-02-00-001
20	Hudgens, Robert T.	0.04 AC	464-02-00-002
21	Kornahrens, George E. Jr & Laurie	0.05 AC	464-02-00-003
22	Fabian, Fabian Properties LP	0.56 AC	466-16-00-124
23	Shipyard, Barge LLC	0.35 AC	466-16-00-083
24	CC & A Rentals Inc.	0.45 AC	466-16-00-076
25	Baldwin Brothers, Inc.	0.03 AC	466-16-00-020
26	Plantation Painters, Inc.	0.13 AC	466-16-00-019
27	Works, Donna L.	0.09 AC	466-16-00-018
28	Jennings, Michael	0.17 AC	466-16-00-017
29	Shipyard Creek Associates	4.87 AC	466-00-00-063
30	SC Public Service Authority	0.01 AC	466-00-00-052
31	Shipyard Creek Associates	0.34 AC	466-00-00-066
32	Shipyard Creek Associates	1.03 AC	466-00-00-064
33	Shipyard Creek Associates	13.26 AC	466-00-00-010
34	S.C. State Ports Authority	0.93 AC	400-00-00-105
35	United States of America	8.40 AC	400-00-00-004
	36-Omitted		---
37	The County of Charleston	3.89 AC	469-00-00-006
38	Carolina Shipping Company	3.19 AC	466-04-00-008
39	Carolina Shipping Company	1.69 AC	466-04-00-007
40	City of North Charleston	0.14 AC	466-04-00-013
41	Cross Atlantic, LC	0.26 AC	466-03-00-161

Tract No.	Property Owner	Reviewed Acreage	Charleston County TMS
42	Carolina Maritime Co., Inc.	0.32 AC	466-08-00-512
43	Carolina Stevedoring Co., Inc.	0.27 AC	466-08-00-456
44	Southeastern Container Services	0.37 AC	466-03-00-166
45	Cental Transport, Inc.	0.60 AC	466-08-00-455
46	Butt, William Christopher	1.38 AC	466-08-00-453
47	Container Land Associates	1.21 AC	466-03-00-048
48	Cross Atlantic, LC	0.03 AC	466-03-00-164
49	Eason Leasing Co., Inc.	0.03 AC	466-03-00-160
50	2667 Spruill Ave, LLC	0.03 AC	466-03-00-159
51	Gregory, Allyson D.	0.03 AC	466-04-00-015
52	Eason Holding Co., Inc.	0.03 AC	466-04-00-012
53	Milton, James & Clara F.	0.01 AC	466-03-00-158
54	HLM and Associates, LP	0.03 AC	466-03-00-157
55	Mims Amusement Company	0.06 AC	466-04-00-005
56	HLM and Associates, LP	0.03 AC	466-03-00-156
57	2533 Spruill Avenue, LLC	0.03 AC	466-08-00-421
58	Spadard Holdings, LLC	0.06 AC	466-08-00-499
59	Paper Stock, Inc.	0.00 AC	466-00-00-062
60	Estate of Carolina S. Alston, ETAL	0.02 AC	466-04-00-009
61	Michael Jennings	0.02 AC	466-16-00-016
62	McDew LLC	0.01 AC	466-03-00-002
63	Calvary A.M.E. Church	0.04 AC	469-00-00-005
	64-Omitted		---
65	Unknown	0.03 AC	Not Identified
66	Unknown - Marsh	0.34 AC	Not Identified
67	Pressley, James Jr.	0.03 AC	466-07-00-001
68	Unknown	0.13 AC	Not Identified
69	Unknown	0.09 AC	Not Identified
70	United States of America	Not Provided	Not Identified

2.2 Site and Vicinity Characteristics

The subject property is located in an area of predominately commercial and industrial development. Residential development is clustered in the central portion of the Charleston neck. Figure 3, Site Vicinity Map is included in Appendix I.

2.3 Current Uses of the Property

The following table is a list of current use of each parcel.

Tract No.	Property Owner	Current Use
1	Ashley II of Charleston, LLC	Currently not in use
2	Padgett, Richard M. & Marcus James	International trucking company
3	Twenty First Properties, Inc.	Leased for warehouse distribution
4	Albright & Wilson Americas, Inc.	Rhodia, an international chemical company
4A	Albright & Wilson Americas, Inc.	Rhodia, an international chemical company
4B	Albright & Wilson Americas, Inc.	Rhodia, an international chemical company
4C	Albright & Wilson Americas, Inc.	Rhodia, an international chemical company
4D	Albright & Wilson Americas, Inc.	Rhodia, an international chemical company
5	Ashley II of Charleston, LLC	Currently not in use
6	Albrecht, Albrecht & Shuler A Partnership	Southern Lumber and Millwork, a lumber yard and millwork shop
7	Albrecht, Albrecht & Shuler A Partnership	Vacant residence
8	Rosemont Acres Inc. & Equip Care Center	City of Charleston Park
9	Crisp, Arthur E.	Leased to Anchor Sign, a signage provider
10	Crisp, Arthur E.	Leased to Anchor Sign, a signage provider
11	ADJ & Associates	Leased to Anchor Sign, a signage provider
12	Xiphias Holdings, LLC	Anchor Sign, a signage provider
13	Williams, Myrtices	Currently not in use
14	Xiphias Holdings, LLC	Anchor Sign, a signage provider
15	Xiphias Holdings, LLC	Anchor Sign, a signage provider
16	Xiphias Holdings, LLC	Anchor Sign, a signage provider
17	Xiphias Holdings, LLC	Anchor Sign, a signage provider
18	Xiphias Holdings, LLC	Anchor Sign, a signage provider
19	Sherman, Harold I.	Currently not in use
20	Hudgens, Robert T.	Machinist, Inc., a machine shop
21	Kornahrens, George E. Jr & Laurie	Private residence
22	Fabian, Fabian Properties LP	Currently not in use
23	Shipyard, Barge LLC	Currently not in use
24	CC & A Rentals Inc.	Currently not in use
25	Baldwin Brothers, Inc.	Baldwin Brothers Hydraulics, hydraulic equipment repair shop
26	Plantation Painters, Inc.	Plantation Painters, a painting contractors
27	Works, Donna L.	Joe's Round Up, an adult entertainment establishment
28	Jennings, Michael	Leased to Road 1 Truck Repair, a truck service and repair company
29	Shipyard Creek Associates	Currently not in use
30	SC Public Service Authority	Power transmission line
31	Shipyard Creek Associates	Currently not in use

Tract No.	Property Owner	Current Use
32	Shipyard Creek Associates	Currently not in use
33	Shipyard Creek Associates	Currently not in use
34	S.C. State Ports Authority	Currently not in use
35	United States of America	Charleston Water Systems material storage yard on the northeastern portion of the property. The southern portion of the property is currently not in use.
	36-Omitted	---
37	The County of Charleston	Material reclamation from incinerator building
38	Carolina Shipping Company	Leased to ConGlobal, a cargo container/chassis repair shop
39	Carolina Shipping Company	Leased to ConGlobal, a cargo container/chassis repair shop
40	City of North Charleston	City of North Charleston Park
41	Cross Atlantic, LC	Leased to a stevedore training company
42	Carolina Maritime Co., Inc.	Currently not in use
43	Carolina Stevedoring Co., Inc.	SSA Cooper, a stevedore repair shop
44	Southeastern Container Services	Leased to a trucking company
45	Cental Transport, Inc.	Trucking terminal warehouse
46	Butt, William Christopher	Leased to AT&T, truck repair shop onsite
47	Container Land Associates	Leased to a trucking company, repair shop onsite
48	Cross Atlantic, LC	Leased to a stevedore training company
49	Eason Leasing Co., Inc.	Eason Diving, a commercial diving company uses the property as storage area
50	2667 Spruill Ave, LLC	Leased to a painter and a woodworker
51	Gregory, Allyson D.	Crane rental company
52	Eason Holding Co., Inc.	Eason Diving, a commercial diving company
53	Milton, James & Clara F.	C&J Pantry, a restaurant and bar
54	HLM and Associates, LP	Leased to Fish Hut, a restaurant
55	Mims Amusement Company	Leased to Charleston Steel, a metal salvage yard
56	HLM and Associates, LP	Mims Amusement, office and technical repair shop
57	2533 Spruill Avenue, LLC	Currently used for storage of furniture and files
58	Spadaro Holdings, LLC	Leased to a for warehouse storage
59	Paper Stock, Inc.	Sonoco Recycling, collect and bail paper and plastic for recycling
60	Estate of Carolina S. Alston, et al	Currently not in use
61	Michael Jennings	Leased to Road 1 Truck Repair, a truck service and repair company
62	McDew LLC	Currently not in use
63	Calvary A.M.E. Church	Currently not in use
	64-Omitted	---
65	Unknown	Currently not in use
66	Unknown - Marsh	Currently not in use

Tract No.	Property Owner	Current Use
67	Pressley, James Jr.	Currently not in use
68	Unknown	Currently not in use
69	Unknown	City of North Charleston Street
70	United States of America	Bainbridge Avenue

2.4 Site Improvements (Descriptions of Roads, Other Improvements on the Site)

The property is accessed from Baker Hospital Boulevard, Azalea Drive, King Street Extension, Austin Avenue, Summerville Avenue, Disher Street, Odessa Street, Meeting Street Road, Spruill Avenue, Tuxbury Lane, Talluah Road, Tellico Road, Least Turn Lane, Bainbridge Avenue, Shipyard Creek Road, Stromboli Avenue, and Carner Avenue.

Structures are located on Tract 6, Tract 7, Tract 11, Tract 12, Tract 14, Tract 15, Tract 16, Tract 18, Tract 20, Tract 21, Tract 25, Tract 26, Tract 27, Tract 35, Tract 37, Tract 38, Tract 39, Tract 43, Tract 45, Tract 46, Tract 53, Tract 57, and Tract 61. A covered patio area attached to a structure is located on the reviewed portion of Tract 55.

Railroad tracks are located on Tract 4, Tract 4B, and Tract 6. Sidewalks line both sides of Spruill Avenue.

2.5 Current Use of Adjoining Properties

The adjoining properties are used for commercial, industrial, and residential purposes. Details of current adjoining property use are described in Section 5.3 of this report.

The Charleston Naval Complex is generally northeast of the property. Shipyard Creek is east of the site. The Ashley River is west of the property.

3. USER PROVIDED INFORMATION

This section is provided to summarize information provided by the user that may help in identifying recognized environmental conditions. As indicated in the ASTM standard, the environmental professional does not typically generate this information.

3.1 Title Records

Chain-of-Title information was summarized on SCDOT Right of Way Agent's Worksheets provided by the user. These forms include a Title Abstract which lists previous property owners. This provided information is included in Appendix III.

3.2 Environmental Liens or Activity and Use Limitations

Environmental lien or activity and use limitations information on the subject property was not provided by the user.

3.3 Specialized Knowledge

No specialized knowledge was provided by the user.

3.4 Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information was provided by the user.

3.5 Property Purchase Price versus Fair Market Value

The user did not indicate that the value of this property was reduced due to contamination on the property.

3.6 Owner, Property Manager and Occupant Information

No additional information was provided by the user of this report.

3.7 Reason for Performing the Phase I ESA

The purpose of the ESA is to identify, pursuant to ASTM E 1527-05, *recognized environmental conditions* in connection with the property. S&ME assumes that this Phase I ESA is being performed to assist the purchaser in qualifying for the *innocent landowner, contiguous property owner, or bona fide prospective purchaser* limitations on CERCLA liability.

3.8 Other

No additional information was provided by the user.

4. RECORDS REVIEW

4.1 Standard Environmental Record Sources

S&ME contracted Environmental Data Resources, Inc. (EDR) to conduct an environmental search and prepare a Site Assessment Report compiling federal and state environmental database information from the regulatory records of the United States Environmental Protection Agency (USEPA) and the State of South Carolina. The purpose of the EDR Radius Map™ Report was to identify environmental sites and activities within a radius of potential concern from the subject property, as outlined by ASTM E 1527-05. The following table lists databases included in the search. The EDR report, including detailed descriptions of the databases, is included in Appendix IV.

Federal Environmental Record Sources

Database	Release Date (optional)	Approximate Search Distance	Search Results (number of sites)
NPL	07/02/10	1 mile	2
CERCLIS	01/29/10	0.5 mile	7
CERCLIS-NFRAP	06/23/09	0.5 mile	2
CORRACTS	05/25/10	1 mile	4

Database	Release Date (optional)	Approximate Search Distance	Search Results (number of sites)
RCRA-TSDF	02/17/10	0.5 mile	2
RCRA-LQG	02/17/10	0.25 mile	2
RCRA-SQG	02/17/10	0.25 mile	2
RCRA-CESQG	02/17/10	0.25 mile	5
RCRA-NonGen	02/17/10	0.25 mile	10
US ENG CONTROLS	12/20/09	0.5 mile	1
US INST CONTROLS	12/20/09	0.5 mile	1
US BROWNFIELD	06/24/10	0.5 mile	2
DOD	12/31/05	1 mile	2
ROD	06/01/10	1 mile	2

TP = Target Property

State Environmental Record Sources

Database	Release Date	Approximate Search Distance	Search Results (number of sites)
State Hazardous Waste Site (SWHS)	10/05/10	1 mile	39
Landfills (SWF/LF)	09/22/10	0.5 mile	4
GWCI	07/01/08	0.5 miles	21
ALL SITES	08/16/10	0.5 miles	11
RCR	09/21/10	0.5 miles	9
LUST	08/25/10	0.5 mile	28
UST	08/23/10	0.25 mile	20
AST	03/25/04	0.25 mile	2
VCP	09/21/10	0.5 mile	7
BROWNFIELDS	08/04/10	0.5 mile	12

Note: *ASTM Supplemental* databases searched are listed in the attached EDR report.

Ninety-eight listings within the ASTM specified search radius were identified in the database search. These facilities are listed in the table below.

Database Search Results

Facility	Location	Database Listing	Comment
SWIFT AGRI-CHEM CORP	2750 SPEISSEGGER DRIVE (Tracts 1 and 66)	BROWNFIELDS VCP ALLSITES CERCLIS SHWS GWCI FINDS	Brownfield contract 05-4898(III)-NRP. Hazardous Substances. Former phosphate fertilizer facility located on the Ashley River. CERCLIS ID 0403307. SHWS ID SCD058181991. Groundwater contaminated with VOC and Metals.
RHODIA INC	2151 KING ST EXT (Tract 4)	GWCI LUST UST RCR SPILLS	Facility ID 01705 Petroleum impacted groundwater. Release date 2/24/88. Rank 3BF. NFA 8/6/03. SUPERB. One abandoned 3,000 gallon gasoline tank. One active 2,500 gallon RUL tank. Several hazardous substance spills reported.
MOBIL CHEMICAL CO	KING ST EXTN (Tract 4)	GWCI CORRACTS AIRS CERC-NFRAP SHWS SSTS RCRA-LQG TRIS RCRA-TSDF	Petroleum, VOC, Metals, NO_3, Pesticides, and Herbicides in the groundwater. Interceptor trench installed parallel to the Ashley River. Formerly Albright & Wilson Americas. Numerous RCRA violations. See pages 68-134 in Appendix IV.
VAN NESS SIGN & LEASING SITE	AUSTIN AVE (Tract 5 and 68)	BROWNFIELDS VCP SHWS ALLSITES	Brownfield contract 03-5518-NRP. Hazardous Substances. VCP agreement 6/23/03 on 5.65 acres. SHWS ID SCS123456936.
PLANTATION PAINTERS INC	2128 SPRUILL AVE (Tract 26)	RCRA-SQG	No violations listed.

Facility	Location	Database Listing	Comment
MACALLOY CORPORATION	1800 PITTSBURG AVENUE (Tract 29, 30, 31, 32, 33, and 59)	BROWNFIELDS SHWS GWCI CORRACTS CERCLIS US ENG CONTROLS US INST CONTROL RCRA-Non-Gen FINDS NPL ROD RCRA-TSDF VCP ALLSITES RCR LUST	SC Brownfield 05-06-HW. Hazardous substances. SHWS ID SCD003360476.The site is ~125 acres. Produced ferrochromium alloy from 1979 to 1998. Operated by AIRCO 1966-1979 and Pittsburgh Metallurgical Corporation 1941-1966. Prior to 1941, the property was used as a lumbermill and rice plantation. Metal contamination in groundwater. BLWM File 50944. Numerous RCRA violations. LUST Facility ID 19215. Rank 3BF. NFA 9/18/06. See pages 141-177 in Appendix IV.
NAVAL SHIPYARD - CHARLESTON	VIADUCT ROAD (Tract 35)	CERCLIS GWCI CORRACTS US ENG CONTROLS US INST CONTROL SHWS RAATS RCRA-TSDF PADS MANIFEST RCRA-NonGen FINDS	See pages 288-679 of Appendix IV.
MONTENAY CHARLESTON RESOURCE RECOVERY/ FOSTER WHEELER CHARLESTON RESOURCE RECOVERY	1801 SHIPYARD CREEK ROAD (Tract 37)	SWF/LF AST	Facility ID 102495-4001. One 250-1,000 gallon tank and one 42,001-250,000 gallon tank.
CON GLOBAL INDUSTRIES	1 STROMBOLI RD (Tracts 38 and 39)	RCRA-SQG FINDS	No violations listed.
CAROLINA SHIPPING COMPANY	1950 STROMBOLI AVE (Tract 44)	UST	Facility ID 01325. One abandoned 10,000 gallon diesel tank and one abandoned 10,000 gasoline tank.
C C SOUTH	1923 STROMBOLI AVE (Tract 45)	UST	Facility ID 16835. One abandoned diesel tank. Capacity not reported.
SOUTHERN BELL CHTNSCGS	2600 MEETING ST (Tract 46)	GWCI LUST UST	Facility ID 01536. Petroleum in groundwater. Release date 6/30/93. Ranked 3BE1. NFA 9/30/08. SUPERB. Two abandoned 10,000 gasoline tanks.

Facility	Location	Database Listing	Comment
DAN BEACH	2665 SPRUILL AVE (Tract 49)	GWCI LUST UST	Facility ID 15025. Petroleum contamination in groundwater. Release date of 6/22/92. Ranked 3BD5. Inactive. SUPERB with State Lead. Four abandoned 4,000 gallon tanks.
CHARLESTON/SPRUILL AVE DUMP	No address given	SWF/LF	No information provided.
GASTON DUMP	No address given	SWF/LF	No information provided.
CHARLESTON CO DUMP	No address given	SWF/LF	No information provided.
SILK STOCKINGS BY AMBER	2103 MEETING ST (Off-site portion of Tract 23)	LUST UST	Facility ID 19206. Release 3/2/06. Rank 3BF. NFA 11/6/06. Qualifies for SUPERB with deductable. One abandoned 6,000 gallon diesel tank and one abandoned 6,000 gallon gasoline tank.
INTERMODAL MANAGEMENT LTD	2650 CARNER AVE (Off-site portion of Tract 47)	LUST UST	Facility ID 15926. Release 7/31/96. NFA 1/26/99. Rank 5B. Qualifies for SUPERB with deductible. Two abandoned 10,000 gallon gasoline tanks.
EASON DIVING & MARINE CONT INC	2668 SPRUILL AVE (Off-site portion of Tract 52)	RCRA-NonGen FINDS	No violations listed.
SOUTH ATLANTIC AMUSEMENTS	2681 SPRUILL AVE (Off-site portion of Tract 56)	RCRA-NonGen FINDS	No violations listed.
RUSCON CORP PROP	2711 AZALEA DR	GWCI LUST UST FINDS	Facility ID 01866. Petroleum contamination in the groundwater. Release date of 6/9/89. Ranked 3BF5. Inactive. SUPERB. Three abandoned tanks.
BROWNING-FERRIS INDUSTRIES	1934 SUMMERVILLE AVENUE	LUST UST RCRA-NonGen FINDS	UST Facility ID 01477. Release date12/30/92. NFA 7/18/95. Two abandoned 10,000 gallon diesel tanks. No RCRA violations listed.
TRIDENT SERVICES INCORPORATED	1934 SUMMERVILLE AVE	RCRA-NonGen FINDS	No violations listed.

Facility	Location	Database Listing	Comment
J&G PROPERTIES INC	2038 MEETING ST	LUST UST	Facility ID 11584. Release date 2/1/89. Rank 3BF. NFA 2/4/98. SUPERB. Three abandoned 4,000 gallon diesel tanks and one abandoned 4,000 gallon gasoline tank.
JENNINGS BODY SHOP	2038 MEETING ST	RCRA-CESQG FINDS	Facility has received general and record keeping violations. Compliance date for violations of 1/27/2003.
BELCHER SERV STATION	2502 SPRUILL AVE	LUST UST FINDS	Facility ID 01672. Release date 11/29/90. Ranked 3BF. SUPERB. NFA 1/9/00. Three abandoned tanks.
INFINGER TRANSPORTATION COMPANY INCORPORATION / 2811 CARNER AVENUE SITE	2811 CARNER AVENUE	BROWNFIELDS SHWS GWCI RCRA-NonGen FINDS VCP RCR ALLSITES	SC Brownfield contract 04-5561-NRP. Hazardous Substances. SHWS ID SCD003792744. Tanker truck cleaning, repair, maintenance, and storage facility. Chlorinated solvents and petroleum constituents in soil and groundwater. No RCRA violations listed.
EXCEL APPARATUS SERVICES	2490 DEBONAIR ST	UST FTTS	Facility ID 1636. One abandoned 1000 gallon hazardous substance tank.
GENERAL ELECTRIC CO	2490 DEBONAIR ST	UST RCRA-NonGen PADS	Facility ID 1864. One abandoned 500 gallon hazardous substance tank. No violations listed on RCRA database. Listed as a transporter on the PADS database.
BESCO FACILITY (FORMER)	2490 DEBONAIR ST	BROWNFIELDS SHWS	Brownfield contract 10-5620-NRP. Hazardous Substances. SHWS ID SCD030092373.
CHICORA TANK FARM	2950 CARNER AVE	BROWNFIELDS SHWS	Brownfield contract 09-5806-NRP. SHWS ID SCS123457159.
FIRST RECOVERY	1990 TUXBURY LANE	RCRA-NonGen FINDS	No violations listed.
TRANSFLO TERMINAL SERVICES INC	1990 TUXBURY LANE	RCRA-CESQG FINDS	No violations listed.
CROSBYS GARAGE	2204 MEETING ST	LUST UST FINDS	Facility ID 1714. Release date 12/23/91. Rank 3BF. NFA 9/18/00. SUPERB. One abandoned 550 gallon gasoline tank.

Facility	Location	Database Listing	Comment
BAKER-I26 SITE	2381 BAKER HOSPITAL BLVD	BROWNFIELDS SHWS ALLSITES	Brownfield contract 05-5635-NRP. Hazardous Substances. SHWS ID SCS123457027.
WANDO PHOSPHATE MILL	BAKER HOSPITAL BLVD	SHWS	SHWS ID SCS123457104.
VCC-WANDO	2390 BAKER HOSPITAL BOULEVARD	CERCLIS	CERCLIS ID 0410243.
CONSTRUCTION EQUIP SALES	2740 AZALEA DR	LUST UST	Facility ID 01715. Release 12/28/91. Rank 3BF. NFA 6/26/02. SUPERB. Two abandoned 1,000 gallon diesel tanks and one abandoned 550 gallon gasoline tank.
CMC CONSTRUCTION SERVICES	2740 AZALEA DR	RCRA-CESQG FINDS	No violations listed.
CIRCLE K 8108	2745 SPRUILL AVE	GWCI LUST UST FINDS	Facility ID 01587. Petroleum in groundwater. Release date 5/5/00. Rank 3BF3. NFA 2/16/05. Qualifies for SUPERB with deductable. Three abandoned 12,000 gallon gasoline tanks.
PSC CONTAINER SERVICES LLC	2015 TELLICO RD	RCRA-LQG	No violations listed.
LIQUID TRANSPORT CORPORATION	2025 AUSTIN AVE	RCRA-CESQG FINDS	No violations listed.
AMERICAST (TARMAC)	2750 AZALEA DRIVE	AST	Facility ID 1917. Three 250-1,000 gallon tanks.
METAL TRADES INC	2778 SPRUILL AVE	LUST UST	Facility ID 16607. Release date 7/7/94. NFA date 3/28/95. Two abandoned 1,000 gasoline tanks.
SHERWIN WILLIAMS CO	2014 JACKSONVILLE ST	RCRA-NonGen FINDS	No violations listed.
PHILLYSHIP OF CHARLESTON	2724 CARNER AVE	RCRA-NonGen FINDS	No violations listed.
POLO CHAMP, LLC SITE	2000 MEETING ST	BROWNFIELDS VCP RCR SHWS ALLSITES	Brownfield contract 06-5648-NRP. Hazardous Substances. SHWS ID SCS123457039. Former furniture painting company.

Facility	Location	Database Listing	Comment
BRANDT SITE	1990 / 2000 PITTSBURGH AVE	BROWNFIELDS VCP ALLSITES SHWS RCR	SHWS SCS123456987. The 6-acre site is adjacent to Macalloy. The property was leased to scrap metal companies for ~45 years until closure in 2004.
SPRUILL AVE 66	2748 SPRUILL AVE & CLEMENTS	UST	Facility ID 01621. One abandoned 1,000 gallon gasoline tank and two abandoned 4,000 gallon gasoline tanks
PANTRY 3355	1968 MEETING ST	LUST FINDS	Facility ID 01607. Release #1 date 11/30/01. Rank 3BF. NFA 4/3/06. SUPERB. Release #2 12/29/89. Rank 5B. NFA 10/15/02. SUPERB.
MONARCH BUILDING SUPPLY	2816 AZALEA DR	LUST UST FINDS	Facility ID 01486. Release date 12/26/91. Rank 5B. NFA date 2/22/96. One abandoned 1,000 gallon gasoline tank and one abandoned 2,000 gallon gasoline tank.
HALL TWO SITE	AUSTIN AVE	BROWNFIELDS VCP ALLSITES SHWS	Brownfield contract 03-5517-NRP. Hazardous Substances. SHWS ID SCS123456935
YANCY CO INC	1871 KING ST EXT	RCRA-NonGen FINDS	Several RCRA violations that achieved compliance in 2001.
CAMERON & BARKLEY CO	2821 AZALEA DR	RCRA-CESQG FINDS	No violations listed.
W D ROBINSON ELECTRIC CO	2821 MEETING ST	LUST UST	Facility ID 12632. Release date 7/19/95. NFA 9/17/95. One abandoned 500 gallon gasoline tank and one abandoned 1,000 gallon gasoline tank.
HERMANN WAREHOUSE SE	1797 KING ST EXT	LUST	Facility ID 18621. Release #1 date 9/23/2005. Rank 3BF. NFA 2/28/08. Release #2 date 4/4/06. Rank 3BF. NFA 2/8/08. Recoverable Deductable.
1797 KING STREET EXTENSION	1797 KING STREET	US BROWNFIELDS	No information provided.

Facility	Location	Database Listing	Comment
RENTAL SERVICE CORP STORE 477	2841 AZALEA DR	GWCI LUST UST RCR	Facility ID 01653. Petroleum in groundwater. Release #1 date 7/16/90. Rank 3BF. NFA 4/23/03. SUPERB. Release #2 date 9/22/97. Rank 3BF. NFA date 4/23/03. Qualifies with SUPERB with deductable. One abandoned 1,500 gallon gasoline, one abandoned 500 gallon gasoline, and one abandoned 1,000 gallon diesel tank.
STONO PHOSPHATE WORKS	2079 AUSTIN AVENUE	ALLSITES GWCI CERCLIS SHWS FINDS	CERCLIS ID 0406771. SHWS ID SC0002316404. VOC and metals contamination in soil/sediment/ground-water. Plume is discharging into Ashley River. Former phosphate/ fertilizer plant located on Ashley River. Plant also known as Chicora Works and Naco Fertilizer Co, which was part of a much larger facility to the north-Virginia-Carolina chemical Company, Stono Works. Dolphin Cove Marina is now located on property formerly occupied by Chicora Works.
CHARLESTON SUPPLY CO. SITE	1791 KING ST EXT	BROWNFIELDS SHWS	Brownfield letter of agreement. SHWS ID SCS123456960.
CIRCLE K 8095	2947 SPRUILL AVE	GWCI LUST UST RCR FINDS	Facility ID 01585. Petroleum in groundwater. Release1/23/89. Rank 3BF. NFA 11/13/02. SUPERB. One abandoned 6,000 gallon gasoline and one abandoned 4,000 gallon gasoline tank.
YELLOW CAB CO OF CHAS INC	2003 CHERRY HILL RD	GWCI LUST UST FINDS	Facility ID 01467. Petroleum in groundwater. Release 12/28/89. Rank 3BF. NFA 3/30/10. SUPERB with State Lead. Two abandoned 8,000 gallon gasoline tanks.

Facility	Location	Database Listing	Comment
PRYORS TEXACO / PRYORS TOWING & RADIATOR LLC	2851 RIVERS AVE	GWCI LUST UST RCR FINDS	Facility ID 11358. Petroleum in groundwater. Release date 12/18/89. Rank 3BF. NFA 1/30/03. SUPERB with State Lead. Three extended out of use 4,000 gallon gasoline tanks, one abandoned 3,000 gallon diesel tank, two abandoned 4,000 gallon kerosene tanks, and one abandoned 4,000 diesel tank extended out of use.
METAL TRADES	1965 PITTSBURGH AVENUE	US BROWNFIELDS	City of Charleston is recipient. Assessment pilot grant.
METAL TRADES SITE	1905 PITTSBURGH AVE	BROWNFIELDS SHWS ALLSITES	SC Brownfield Contract 05-5622-NRP. Hazardous Substances. SHWS SCD987594322.
CHARLESTON CITY OF GARAGE	1950 MILFORD ST	BROWNFIELDS SHWS GWCI LUST UST	SC Brownfield Contract 08-5794-NRP. SHWS ID SCS123457151. Facility ID 01581. Petroleum in groundwater. Release 5/26/92. Rank 3BD4. SUPERB. Two abandoned 4,000 gallon diesel tanks and five abandoned 4,000 gallon gasoline tanks.
SOUTHERN TRUCK TERMINAL	1805 MEETING ST	GWCI LUST UST FINDS	Facility ID 01744. Petroleum in groundwater. Release 12/13/91. Rank 3BA5. SUPERB with State Lead. One abandoned waste oil tank, nine abandoned miscellaneous hydrocarbons tanks, and one abandoned diesel tank.
US DEPT OF STATE FINANCIAL SERVICE CTR	1969 DYESS AVE	LUST UST	Facility ID 01775. Release #1 9/30/92. NFA 8/9/95. Release #2 6/9/10. NFA 7/1/10. One abandoned 2,000 gallon diesel tank and one active 2,500 gallon tank.
ATLANTIC PHOSPHATE WORKS	HAGOOD AVENUE @ ASHLEY RIVER	CERCLIS FINDS	CERCLIS ID 0406787. Former phosphate/ fertilizer plant located along Ashley River.

Facility	Location	Database Listing	Comment
CHARLESTON COMMISSIONERS OF PUBLIC WORKS	2150 MILFORD ST	GWCI LUST UST	Facility ID 01497. Petroleum in groundwater. Release 12/31/91. Rank 3BF8. NFA 2/19/09. SUPERB. One abandoned 2,000 gallon gasoline, one abandoned 2,000 gallon diesel, and one abandoned 1,500 gallon gasoline tank.
PRESTRESS CONCRETE 3 / PRESTRESS CONCRETE INC	CHERRY HILL LANE PITT ST / CHERRY HILL LN ON SHIP CREEK	CERC-NFRAP SHWS	CERC-NFRAP ID 0404647. SHWS ID SCD982119471.
SCE&G HAGOOD	2200 HAGOOD ROAD	GWCI ALLSITES SHWS AIRS RCRA-CESQG FINDS	Metals contamination in the groundwater. Plume is discharging into Ashley River. SHWS ID SCD000822171. No RCRA violations listed.
R DREWS	1705 MEETING ST	GWCI LUST UST RCR	Facility ID 14369. Petroleum in groundwater. Release 12/23/91. Rank 3BF7. NFA 10/12/98. SUPERB with State Lead. One pre 1974 2,000 gallon diesel tank and one pre 1974 gasoline tank.
PORT OIL DIVISION	1766 MEETING ST	LUST FINDS	Facility ID 01814. Release 6/5/03. Rank 5B. NFA 1/8/07. Qualifies for SUPERB with deductable.
WR GRACE AND CO	1820 HARMON ST	CERCLIS SHWS GWCI RCRA-CESQG FINDS	CERCLIS ID 0403234. SHWS ID SCD003343191. VOC, pesticides, and herbicides in groundwater. Remediation is complete; long term monitoring has begun. No RCRA violations listed.
COLUMBIA NITROGEN	WEST END OF MILFORD ST	CERCLIS SHWS GWCI FINDS	CERCLIS ID 0406325. SHWS ID SC0001040393. Metals contamination in groundwater. Plume is discharging into Ashley River. Abandoned fertilizer plant north of Koppers NPL site. High levels of metals. Marsh pH 2. On shore of Ashley River.
WHITE POINT SERVICES/DRYCLEANING STATION	2960 RIVERS AVE	SHWS	SHWS ID SCDRY0057168.

Facility	Location	Database Listing	Comment
KOPPERS CO/TREATING PLANT	#3 BRASWELL STREET	BROWNFIELDS ALLSITES SHWS	SC Brownfield Contract 08-CC-HW. SHWS ID SCD980310239. Soil/sediment/ground water contamination.
KOPPERS CO., INC. (CHARLESTON PLANT)	CHARLESTON HEIGHTS	CERCLIS US ENG CONTROLS US INST CONTROL GWCI ROD NPL FINDS	CERCLIS ID 0403350. NPL SCD980310239. A 102-acre site used for milling, wood-preserving, and pole storage facility between 1925-1978. Koppers operated between 1945-1978. Pepper Industries stored ship bilge and tank wastes and Fed-Serv Industries stored waste oil in the 1980s. In 1984, a barge canal was dredged 1000 feet inward. Slurry material from dredging was deposited into a bermed spoils area. Buried creosoted wood poles were uncovered, the Ashley River was contaminated, and fish kills occurred. Six shallow and two intermediate NAPL extraction wells continue to operate. The final ROD was issued 4/29/98. Plume is discharging into the Ashley River.
KOPPERS/SQUIRE	1951 MILFORD ST	BROWNFIELDS VCP RCR SHWS	SC Brownfield Contract CA-07-HW. SHWS SCS123457088. Property is part of former 120-acre Koppers wood treating facility. Area of subject site housed AST farm for storage of creosote.
KOPPERS/PAPER STOCK	20 BRASWELL ST	BROWNFIELDS VCP SHWS ALLSITES RCR	SC Brownfield Contract 07-07-HW. SHWS ID SCS123457076. Portion of former Koppers wood treating facility. Site is located in former drip track area. Existing AST, historical diesel fuel spill of 530 gallons, 131 tons of contaminated soil excavated.
FED SERV, INC.	MILFORD ROAD	CERCLIS SHWS RCRA-NonGen FINDS	CERCLIS ID 0403449. SHWS ID SCD981024193.
PEPPER INDUSTRIES INC	MILFORD ROAD	SHWS CERC-NFRAP RCRA-NonGen FINDS	SHWS ID SCD093886406. CERCLIS ID 0403340. RCRA violations achieved compliance in 1984.

Facility	Location	Database Listing	Comment
KINDER MORGAN BULK TERMINALS	1500 GREENLEAF ST	CORRACTS RCRA-TSDF RCRA-SQG SPILLS FINDS	CORRACTS / RCRA ID SC0000861054. Numerous RCRA violations. Spills of sodium hydroxide, diesel, and gasoline.
ASHEPOO/RESCO TOWER	61 BRASWELL ST	BROWNFIELDS ALLSITES SHWS	SC Brownfield Contract 06-5688-NRP. SHWS ID SCS123457065.
ASHEPOO/OSWALD	71 BRASWELL ST	BROWNFIELDS SHWS	SC Brownfield Contract 07-5695-NRP. SHWS ID SCS123457071.
ASHEPOO/KENAN TRANSPORT SITE	81 BRASWELL ST	BROWNFIELDS SHWS LUST	SC Brownfield Contract 08-5764-NRP. SHWS ID SCS123457124. LUST Facility ID 01895. Release 4/1/09. NFA 4/3/09.
EDISTO PHOSPHATE COMPANY	1884 HERBERT ST	SHWS	SHWS ID SCS123457109.
HALL ONE SITE	1593 OCEANIC ST	BROWNFIELDS VCP ALLSITES SHWS	SC Brownfield Contract 03-5516-NRP. Hazardous Substances. SHWS ID SCS123456934.
OCEANIC STREET SITE	1599 OCEANIC ST	BROWNFIELDS ALLSITES SHWS	SC Brownfield Contract 05-5639-NRP. Hazardous Substances. SHWS ID SCS123457030.
FMR. DRYCLEAN USA COASTAL, INC.	3328 RIVERS AVE	DRYCLEANERS SHWS	Drycleaners Rank 377. SHWS ID SCDRY0052470.
ETIWAN PHOSPHATE COMPANY	MILFORD STREET	CERCLIS SHWS FINDS	CERCLIS ID 0406831. Former phosphate/ fertilizer plant located on the Cooper River near Shipyard Creek. Facility began operation in 1860s and is currently occupied by Shipyard River coal terminal and BP/Gulf Oil terminal. SHWS ID SC0002394112.
CHARLESTON NAVAL COMPLEX	1670 DRY DOCK AVE	BROWNFIELDS SHWS SPILLS	SC Brownfield Contract 05-5605-RP. SHWS ID SCS123457005. Spill of fuel oil.
CHARLESTON NAVAL SHIPYARD EAST COOPER SP		DOD	No information provided.
CHARLESTON NAVAL SHIPYARD (CLOSED)		DOD	No information provided.

Facility	Location	Database Listing	Comment
EXXON CO. USA/CHARLESTON TERMINAL	GREENLEAF ST	SHWS SPILLS AIRS CERC-NFRAP NPDES RCRA-SQG FINDS	SHWS ID SC0000861054. Spill of diesel. CERCLIS ID 0403219. NPDES permit to discharge into a ditch that is a tidal creek to Cooper River. Numerous RCRA violations.
PACIFIC GUANO	1505 KING STREET EXTENSION	BROWNFIELDS VCP ALLSITES CERCLIS SHWS GWCI FINDS	SC Brownfield Contract 00-5296-RP. Hazardous Substances. CERCLIS ID 0406788. Former phosphate/ fertilizer plant that operated from 1800-1956. Site referred to as Merchants Fertilizer and A.F. Pringle. SHWS ID SC0002332799. Metal contamination in the groundwater.
KINDER MORGAN	1801 MILFORD ST	SHWS UST AIRS RCRA-NonGen	SHWS ID SCS123457110. UST Facility ID 9779. Two abandoned 1,200 gallon diesel tanks and one abandoned 1,000 gallon diesel tank. No RCRA violations listed.

*NFA – No Further Action status issued by SCDHEC. The South Carolina Department of Health and Environmental Control (SCDHEC) prioritizes active LUST sites using a Risk Based Corrective Action (RBCA) Site Priority Classification System. Sites are ranked on a scale of 1 to 5, with 1 being the highest. The letters following ranking (e.g., 3BF) give additional information (depth to groundwater, locations of sensitive receptors, etc.).

The EDR Report identified thirty listings as being located on (or on a portion of) the subject property. These listings are identified in the table above by their referenced SCDOT tract number. The EDR Report also identified sixty-eight other listings (shown in the table above as not related to a specific SCDOT tract number) of regulated facilities with records pertaining to hazardous substances and/or petroleum products within the ASTM specified search distances of the site. Please refer to the EDR Report in Appendix IV for a more detailed listing of the regulated facilities.

The Preliminary EDR FieldCheck Report contained facilities in the Orphan Summary which are sites that cannot be located due to incomplete address information. This list of orphan sites was reviewed and based on field reconnaissance or the presumed locations of the listings to be outside the defined search radii, the orphan sites are deemed not to pose an environmental threat to the subject property.

4.2 Additional Environmental Record Sources

Freedom of Information Act (FOI) File Review (SCDHEC)
Additional information was obtained from the FOI office on some of the off-site findings of potential concern. A summary of the information is presented below.

- Ruscon Corporation Property - This site, located on the eastern adjoining property of Tract 1 and the northern adjoining property of Tract 2 at 2711 Azalea Drive, is listed on the GWCI, LUST, UST, and FINDS databases. A petroleum release at the facility was reported on June 1989. During previous work in the area, S&ME obtained files from SCDHEC regarding the release at Ruscon. According to an August 1989 Hydrogeologic Study Plan, conducted by General Engineering Laboratories (GEL) and obtained through the FOI request, the groundwater flow direction at this site is to the southwest. In addition, according to a November 1989 Groundwater Assessment Report conducted by GEL and obtained through the FOI request, the groundwater contamination appears to be localized to the source area. S&ME interviewed SCDHEC UST Section personnel regarding this facility as part of this assessment. Information obtained through interviews is included in Section 6.4.

- Infinger Transportation Company, Inc. - This site, located approximately 800 feet northwest of Tract 63 at 2811 Carner Avenue, is listed on the Brownfield, SHWS, GWCI, RCRA NonGen, FINDS, VCP, RCR, and Allsites databases. S&ME previously requested additional information under the FOI Act for this property. Contamination from petroleum and volatile organic compounds (VOC) was reported at this site. Contaminants of concern found in both the soil and groundwater included trichloroethylene (TCE), dichloroethylene (DCE), vinyl chloride, and benzene. S&ME interviewed SCDHEC BLWM Section personnel regarding this facility as part of this assessment. Information obtained through interviews is included in Section 6.4.

- Chicora Tank Farm – This site, located approximately 1000 feet from Tract 56 and Tract 62, is listed on the Brownfield and SHWS databases. S&ME has previously requested additional information under the FOI Act for this property. Land Use Controls have been imposed upon the subject property. According to a Land Use Control Implementation Plan (LUCIP), dated January 9, 2004, groundwater extraction restrictions and assessment / remedial systems non-interference restrictions have been implemented for the subject property. Free phase petroleum product and petroleum constituents have been documented on the subject property.

Technical Memorandum No. 1 dated September 2, 2005
S&ME and URS Corporation prepared this memo for Moffatt & Nichol Engineers regarding the results of existing environmental data review and providing a summary of outstanding environmental issues concerning the South Carolina State Ports Authority –

Charleston Naval Base Container Terminal Planning. Information from this memo regarding Tract 35 is included below.

SWMU 9 is an approximately 120-acre closed landfill that was used for the disposal of industrial and domestic solid waste generated at the Charleston Naval Complex from the 1930s to the early 1970s. The landfill contains municipal solid wastes and industrial soil wastes.

The Navy collected numerous soil samples and installed numerous wells inside and at the boundaries of the landfill and identified COCs. In the Corrective Measures Study Report, application of the CERCLA Municipal Landfill Presumptive Remedy to Military Landfills (EPA, 1996), which is containment of the waste, was the recommended corrective measure for Combined SWMU 9. Specific actions to be taken include ensuring the landfill cap is adequate, providing for adequate surface water drainage, managing landfill gases (such as methane), implementing land use controls, and conducting long-term groundwater monitoring around the perimeter of the landfill. The final remedy was approved by the SCDHEC and became effective in March 2005.

AOC 654 is the former septic and drain field associated with Building 661 and is located near the south eastern corner of Tract 35 . The Navy collected 11 soil samples and no COCs were identified. The Navy recommended No Further Action (NFA) and the SCDHEC concurred with the NFA recommendation in correspondence dated August 8, 1997.

A UST associated with Building 661 was removed in 1992. The site is being managed by the SCDHEC BLWM UST Program (Site ID #14437). S&ME interviewed SCDHEC UST Program personnel regarding this tank as part of this assessment. Information obtained through interviews is included in Section 6.4.

Corrective Measures Study Report SWMU 196, Zone H dated June 17, 2003
This document was prepared by CH2M HILL for the US Navy and was provided to S&ME by the US Navy. SWMU 196 is located on the southern end of the northwestern portion of Tract 35. This report states that in 1991, an Environmental Compliance Evaluation was conducted at the site. Drums and cans containing solvents, paints, acid, and lubricant oil, a potassium chromate tank, and transformers were found stored in the storage yard area. Most were corroded and sitting directly on the ground between the building and the Shipyard Creek Marsh. A variety of COCs, primarily VOCs, were identified in the shallow groundwater at SWMU 196. Chlorobenzene and dichlorobenzene isomers are present in groundwater in the highest concentrations at the site.

Corrective Measures Implementation Plan SWMU 196, Zone H dated October 2005
This document was prepared by CH2M HILL for the US Navy and was provided to S&ME by the US Navy. The report states the selected alternative to remediate COCs in the surficial aquifer at SWMU 196 was In Situ Enhanced Biological Treatment with Land Use Controls. Nineteen chemicals were retained as COCs in the shallow

groundwater. Only five of these (benzene, chlorobenzene, 1,2-dichlorobenzene (DCB), 1,3-DCB, and 1,4-DCB) were detected above their respective target cleanup levels.

Corrective Measures Implementation Work Plan SWMU 196, Zone H dated May 2008
This document was prepared by CH2M HILL for the US Navy and was provided to S&ME by the US Navy. The report states land use controls including restricting groundwater use, controlling soil disturbance activities (i.e., construction activities), and prohibiting residential development have been implemented at the site. It goes on to state any intrusive activities will require an evaluation and the parties conducting the intrusive activities will need to understand the potential consequences that contact with contaminated groundwater may cause.

Environmental Baseline Survey for Transfer- Chicora Tank Farm dated January 2004
This document was prepared by EnSafe Inc. for the Department of the Navy, Southern Division and was provided to S&ME by the US Navy. The hydrogeology section of this report states the shallow aquifer in the vicinity of the Chicora Tank Farm travels slowly, due to the fine-grained texture of the sediments and the level topography, in a northeasterly direction toward the Cooper River or Shipyard Creek. The water table is within 3 to 7 feet of the ground surface.

Preliminary Assessment for the Charleston County Incinerator Site dated March 1991
This document was prepared by SCDHEC regarding the incinerator property. The land was purchased by Charleston County in the early 1980s in order to build a municipal waste incinerator. Foster Wheeler Corporation, the company contracted to operate the incinerator, retained General Engineering Laboratories (GEL) to perform an environmental assessment of the property prior to incinerator operation. In the October 1986 GEL report, volatile organic compounds were discovered in the groundwater on the northern portion of the site. Trichloroethylene was reported at a concentration of 22.8 ppm in monitoring well OB-3. Surface water and soil sample results indicated no contamination above natural levels at that time. Groundwater discharges into Shipyard Creek. The GEL report concluded the source of the groundwater contamination was not located on-site. Foster Wheeler attempted to define the site as a groundwater mixing zone. This request was denied by SCDHEC on the grounds that the sample results did not conclusively place the source of the waste off-site. No additional sampling data was referenced as of the date of this report (1991).

ENVIROFACTS (USEPA)
A search of the Environmental Protection Agency (EPA) Envirofacts database and Enviromapper (http://www.epa.gov/enviro/html/em/) was conducted. No additional facilities of potential concern in the immediate vicinity of the subject property were identified.

We also reviewed state and federal environmental databases available on the internet and on our in-house copies of Underground Storage Tank (UST) and Leaking Underground Storage Tank (LUST) databases compiled and provided by the SCDHEC. No additional information resulted from this search.

4.2.1 EDR Supplementary Sources

An EDR Zip Code Scan Search was also conducted in the preparation of this report. This report was reviewed and no additional sites or concerns were discovered. The EDR Zip Code Scan Report is included with the EDR Radius Map Report in Appendix IV.

4.2.2 Tribal Record Sources

A search of available tribal record databases by EDR, Inc. revealed no sites within the specified search distances. The databases searched are listed below:

Tribal Records

Database	Release Date	Approximate Search Distance	Search Results (number of sites)
Indian Reservations	1/11/07	1.0 mile	0
Indian LUST	3/16/09	1.0 mile	0
Indian UST	10/4/10	1.0-mile	0

The site does not appear to be located on or near any tribal lands. According to the U.S. Census, the Catawba Indian Nation in York County is the only federally recognized tribe in South Carolina. South Carolina began to offer state recognition to tribes in early 2005. Currently, none of the state recognized tribes identified on the South Carolina Indian Affairs web site are listed in Charleston County. S&ME reviewed the South Carolina Indian Affairs Commission website (**http://southcarolinaindianaffairs.com/members.html**) as well as the websites of two state recognized tribes, the Pee Dee Indian Tribe (**http://www.peedeeindiantribeofsc.com/**) and the Waccamaw Indian Tribe (**http://www.waccamaw.us/FRAME_HOME.htm**), and one unrecognized tribe, the Marlboro, Chesterfield, Darlington County Pee Dee Indian Tribe (**http://mcdcpeedeeindiantrib.tripod.com/**), for any information regarding environmental concerns. These sources did not contain information regarding environmental issues. A copy of the Federal Lands and Indian Reservations Map (Figure 6) is included in Appendix I.

4.3 Physical Setting Sources

Topographic, hydrogeologic and geologic information can be used, among other things, to help predict the possible migratory path of contaminants, if present, onto or off of the subject property.

S&ME reviewed the United States Geological Survey (USGS) 7.5-minute series topographic map (Charleston Quadrangle dated 1979, photo revised 1999) to examine the topography and drainage of the subject property and vicinity. The surface elevation of the subject property varies from approximately 5 to 15 feet above mean sea level

(MSL). Based on a review of this map, it appears that the groundwater in the direct vicinity of the subject property, depending on the specific location, would flow west towards the Ashley River or east towards Shipyard Creek. Groundwater direction can be affected by rainfall, tidal and other subsurface and climatic conditions. A copy of the topographic map (Figure 2) is included in Appendix I.

Charleston County is located in the Outer Coastal Plain Sub-province of the South Carolina Coastal Plain. Sedimentary sequences, totaling approximately 2,400 feet, exist between ground surface and the underlying hard crystalline and metasedimentary rocks of the Piedmont. These sediments, ranging from recent to upper Cretaceous age, have been termed the Coastal Plain Stratigraphic Wedge (Colquhoun, *et al* 1983).

The wedge of sediments includes a series of depositional units that have been transported by river, deltaic and marine systems and reworked in nearshore environments due to fluctuations in sea level. Each depositional unit has a definable lithology, definable sedimentary structures, an overall shape and a relationship to other depositional units. In the Charleston County area, the primary depositional units are (in descending order) Pleistocene and Pliocene delta plain, barrier island, back-barrier marsh and tidal channel deposits; sporadic evidence of Miocene phosphate-rich deposits; the upper Oligocene and upper Eocene Cooper Group; the middle Eocene Santee Limestone (Orangeburg Group); the lower Eocene and Paleocene Black Mingo Group and the upper Cretaceous Peedee Formation, Black Creek Group (i.e. Donoho Creek, Bladen and Tar Heel Formations) and the Middendorf Formation. Groundwater is present in the surficial Pleistocene and Pliocene sediments under water table conditions. Water table depths are shallow and close to surficial contaminant sources (on the order of 5 feet below ground surface), recharge rates vary and water quality is generally poor. For these reasons, the approximate 20 – 60 foot thick sequence of water-bearing sediments are typically not utilized as a potable water source throughout the Charleston County area. The Cooper Group which varies in thickness from 150 – 300 feet includes the upper Oligocene Chandler Bridge and Ashley Formations and the Eocene Harleyville and Parkers Ferry Formations. A regional erosional unconformity exists between the upper Oligocene and Eocene age sediments. Several depositional units of the Cooper Group serve as confining units between the overlying shallow aquifer system and the underlying semi-confined to leaky aquifers of lower Eocene to upper Cretaceous age.

The Soil Survey of Charleston County, South Carolina was consulted to determine the soil types underlying the area. According to the map, the soil types are characterized as UR- Urban Land. A copy of the map is included in Appendix I as Figure 5.

The EPA action level for radon is four picocuries per liter (4 pCi/L). The action level is the concentration at which occupants may be affected by radon and building owners must initiate appropriate measures to decrease radon levels. The subject site is located in an area predicted to have average indoor radon levels of less than 2 pCi/L based on USEPA data for Charleston County.

4.4 Historical Use Information on Property

Historical Topographic Map Review
Historical Topographic Maps provided by EDR dated 1919, 1943, 1958, 1971, 1979, 1983, 1988 and 1994 were reviewed to observe development of the subject property, as well as immediately adjacent and surrounding properties.

1919 Historical Topographic Map
In the 1919 Historical Topographic Map, the area appears predominately industrial. Industrial facilities (phosphate plants) are present along the Ashley River and Shipyard Creek. Industrial structures are also present on the Macalloy property. A racetrack is present in the area of present day Stromboli Avenue. Four large structures are northeast of the racetrack on the property currently occupied by Charleston Steel. The area in the middle of the racetrack is marshland. Marshland is also east of the racetrack toward Shipyard Creek. A structure is shown on the high ground of Tract 38. Several small structures are in the area of present day Summerville Avenue.

1943 Historical Topographic Map
In the 1943 Historical Topographic Map, the area is more developed. Fewer phosphate plants are located on the Ashley River. Structures on the Macalloy property have changed. The area north of the intersection of Meeting Street Road and Spruill Avenue is now residentially developed. Spruill Avenue extends through the racetrack. The center of the racetrack is not shown as marshland. Marshland of Shipyard Creek stops at the railroad tracks east of Spruill Avenue. Three structures are present on Tract 38 and three structures are present on Tract 37. A small structure is present on Tract 55 that is near the large structures to the northeast on the Charleston Steel property. More residential structures are located in the Summerville Avenue area.

1958 Historical Topographic Map
In the 1958 Historical Topographic Map, the Daniel Jenkins Housing Project is visible in the area of Tracts 1, 2, 3, and 86. The Jenkins School is present just north of these properties. An area of tailings labeled Plaster Disposal Area is on the south side of Tract 4. The Summerville Avenue area is shaded under the “housing omission tint” as depicted on the figure. Rosemont School is shown on Tract 8. Three structures are present on the Southern Lumber Tracts 6 and 7. Industrial type structures are shown between Summerville Avenue and King Street Extension.

One large and three small structures are shown on the east side of Spruill Avenue north of Tuxbury Lane. An area of tailings labeled Ore Dump is shown in the area of Tract 33, on the Macalloy property.

The racetrack is no longer present north of Hampton Avenue. Marshland is again shown between Hampton Avenue and Jacksonville Road; and, residential areas under the housing omission tint are visible to the north and south. Four structures are present on Tract 46. Only one structure is present on Tract 38. No structures are shown on Tract 37.

1971 Historical Topographic Map
In the 1971 Historical Topographic Map, Interstate 26 is now visible. Most of the area is similar to the 1958 map. Additional industrial structures are shown between Summerville Avenue and King Street Extension. An additional structure has also been constructed just north of Tuxbury Lane. Stromboli Avenue has been constructed and the area is no longer shown as marshland. The GEX building is present on Tract 47, four structures are present on Tract 46, one structure is present on Tract 45, and three structures are present on Tract 43.

1979 Historical Topographic Map
In the 1979 Historical Topographic Map, no significant changes have occurred on the subject site from the 1971 Map. Two additional structures are shown on the Southern Lumber property. No structures are shown on Tract 38. Two additional small structures are shown on Tract 46. The large structures that were located on the Charleston Steel property are no longer visible. However, the railroad spurs to this area are still present.

1983 Historical Topographic Map
In the 1983 Historical Topographic Map, no significant changes have occurred on the site from the 1979 Map.

1988 Historical Topographic Map
In the 1988 Historical Topographic Map, much of the area is shown under the housing omission tint. The scale of this map limited our review, however no significant changes are observed.

1994 Historical Topographic Map
In the 1994 Historical Topographic Map, the Jenkins School has expanded on the property east of Tract 2. The structure currently located on Tract 3 is shown. The housing omission tint has extended and includes the area of Tracts 37, 38, and 39. This area is not shown as marshland on this map. Four structures are shown in the area of Tracts 51, 52, and 55.

Copies of the Historical Topographic Maps are included in Appendix V.

Aerial Photograph Review
Aerial photographs were reviewed to observe previous conditions and development of the subject property, as well as immediately adjacent properties. Aerials dated 1939 were reviewed at the NRCS office. Aerials dated 1949, 1954, 1963, 1973, and 1979 were obtained from the USC Mapping Library. Additional aerials dated 1994, 1999, and 2006 were obtained from the DNR website. Aerials from 2001 and 2009 were reviewed on the Charleston GIS website.

1939 Aerial Photograph
The area of the subject properties is industrialized in the 1939 aerial. Areas of residential development are also present. Heavy railroad lines and numerous spurs cover the area. Interstate 26 is not present.

Phosphate plants are visible along the Ashley River. The Malony Fertilizer plant is visible east of Tracts 2 and 3. Structures are present on Tract 4 and appear to be part of the phosphate plants on the present day Rhodia property. Open disturbed land is visible on the southern portion of Tract 4. The Summerville Avenue area appears primarily residential. Rosemont School is visible on Tract 8.

The Macalloy site is present on Shipyard Creek. Buildings associated with Macalloy are present on Tracts 29, 31, and 59. Open land is north of Macalloy. Small structures are located on the current incinerator property, Tract 37, and ConGlobal property, Tract 38. Open land also surrounds these structures.

A large dirt racetrack is visible in the Stromboli Avenue area. The tract is located between current Jacksonville Road, the railroad, Hampton Avenue, and Carner Avenue. A large structure is located northeast of the racetrack where Charleston Steel currently operates. Two railroad spurs are visible to the structure. Marsh conditions and tidal creeks appear in this area, especially to the east toward Shipyard Creek. The areas north and south of the racetrack are predominately residential. The Navy Base is visible on the Cooper River. Shipyard Creek marshland is trenched for draining around the Base.

1949 Aerial Photograph
Industrial growth continues to expand along the Ashley River. Numerous multifamily housing units (Daniel Jenkins Homes) are visible on Tracts 1, 2, 3, and 68. The Maloney Fertilizer plant is no longer visible. Jenkins School is located north of where the plant was previously located, just south of Azalea Drive. Structures are also visible in the area of Tracts 4C and 4D. The Summerville Avenue area is similar to the 1939 photograph. Southern lumber is present in its current location. Two large structures are southeast of southern lumber property along King Street Extension.

Structures are present along both sides of Meeting Street road near the intersection of Spruill Avenue. A large structure is visible on Tract 61. Single structures are present on Tract 22, Tract 25, and Tract 27. Four structures are visible on Tract 23.

Development on the Macalloy property has expanded. The field north of Macalloy is still present. A structure is located on this property, Tract 33. Structures are still visible on the high ground east of the railroad tracks on Tracts 37 and 38. The Navy Base has expanded.

An outline of the racetrack is still visible in 1949. A tidal creek occupies the area where Stromboli Avenue is currently located. Several paths and cleared areas are visible on the central portion of the track.

1954 Aerial Photograph
The 1954 aerial is similar to the 1949 photograph. Structures appear to be cleared off of the current Rhodia property. The property south of Southern Lumber, along King Street Extension, is developed with two different structures. Macalloy appears to have extended operations to the north and roads are visible to the high ground of Tract 33. A structure is present on Tract 24 and possibly Tract 25.

The Stromboli Avenue area is still a tidal creek with predominately residential land to the north and south. A path is visible from the southern residential properties north to the area of Tract 45. Several bare areas are visible in the area previously encompassed by the racetrack. A road leads from Spruill Avenue across Tracts 39 and 38 to Shipyard Creek. The structure is still visible on Tract 38. Structures are no longer visible on Tract 37.

1963 Aerial Photograph
The 1963 aerial is similar to the 1954 photograph. It appears the clearing for Interstate 26 has begun. Structures and large cleared areas are visible on the Rhodia property including Tracts 4 and 4B. Structures are no longer visible on the area of Tracts 4C and 4D.

The Summerville Avenue area remains predominately residential. The area west of Southern Lumber, near Tract 9, has been cleared and appears disturbed. A large structure is present in the area of Tract 20. Additional businesses are present between Summerville Avenue and King Street Extension. Industrial operations from the Macalloy plant are visible on Tract 33.

Stromboli Avenue is present. The Navy GEX and Southern Bell/AT&T buildings are present in their current location. What appears to be a large rectangle concrete pad or building slab is just east of the GEX. A drive from this area goes east to Spruill Avenue. The area between the GEX and Spruill Avenue is disturbed. The property currently used as the city park, Tract 40 is undeveloped. Two large structures are further east, across the railroad on Tract 38. The Navy Base continues to expand.

1973 Aerial Photograph
The 1973 aerial is similar to the 1963 photograph. Interstate 26 is present. Changes have occurred in the Stromboli Avenue area. The rectangle previously east of the GEX is no longer visible. Property between the GEX and Spruill Avenue appears to be undeveloped. Three buildings are south of Stromboli, one on Tract 45 and two on Tract 43. The area east of Spruill that is Tracts 37, 38, 39, and 40 has been filled and appear as graded land. The large structure previously on the current Charleston Steel parcel is no longer present. The current structure is present on Tract 56. It appears a structure is also present on Tract 55. The property in the area of Tract 50, Tract 51, Tract 52, Tract 53, and Tract 54 is disturbed. Tract 58 is developed with the current warehouse structure.

The property east of Spruill Avenue, just north of Tuxbury Lane, appears to be developed with structures currently observed on the property. The structure on Tract 22 is no longer visible. One of the large structures on the property south of Southern Lumber is no longer present.

1979 Aerial Photograph
The 1979 aerial is similar to the 1973 photograph. The structures that are currently on Tracts 2 and 3 are visible between Interstate 26 and King Street Extension. The Daniel Jenkins Homes and Jenkins School are no longer visible. The area east of the GEX appears overgrown. A small oval track is visible on Tract 39. Shipyard Creek Road extends to Tract 38 where several paths are visible through the overgrown property. More of the present day structures are visible along the Summerville Avenue properties.

1994 Aerial Photograph
The 1994 aerial is similar to the 1979 photograph. Properties west of King Street Extension appear similar to present day conditions except the Rosemont School structure is present on Tract 8. A structure may also be located on Tract 10.

The subject properties east of Spruill Avenue generally appear similar to present day conditions except Macalloy property is developed from previous operations. Property along Stromboli Avenue is similar to present day conditions except Tract 41 and Tract 42 are undeveloped and appear wooded.

Property near the intersection of Meeting Street Road and Spruill Avenue is also similar to present day conditions except it appears Tract 22 is used as a junk yard and a structure is present on Tract 24.

1999 Aerial Photograph
The 1999 aerial is similar to the 1994 aerial except Tract 8 is no longer developed with Rosemont School. The northern most structure on Tract 23 is no longer visible. Also, Tract 41 and Tract 48 have been cleared and are similar to current conditions.

2001 Aerial Photograph
The 2001 aerial is similar to the 1999 aerial.

2006 Aerial Photograph
The 2006 aerial is similar to the 2001 aerial except it looks like some clearing has taken place on Tract 1, the junk yards have been removed from Tract 22 and Tract 62, and most of the structures have been cleared from the Macalloy site. A structure is present or something large appears to be stored on Tract 22.

2009 Aerial Photograph
The 2009 aerial is similar to present day conditions. Tract 22, the northern portion of Tract 23, and Tract 24 are cleared.

Copies of the aerials (except the 2001 and 2009 photographs) are included in Appendix V.

Sanborn Map Review

Available Sanborn Fire Insurance Maps were obtained and reviewed on the Charleston County Public Library website **www.ccpl.org**. S&ME reviewed maps from 1912, 1939, 1940, 1951, and 1955 maps for past use of the subject property.

Sanborn Map – Sheet 100 dated 1912

This map shows Meeting Street Road at Hampden [sic] Avenue. The racetrack is shown north of Hampden Avenue. A butane gas tank is shown west of the intersection. Carolina Avenue Extension is shown through the eastern side of the racetrack. A filling (retail petroleum) station with two gasoline tanks is shown on the northwest corner of the intersection of Hampden Avenue and Carolina Avenue Extension [sic] (Spruill Avenue). This is Tract 57.

Sanborn Map – Sheet 99 dated February 1939

This map shows Disher Avenue at the intersection of King Street Extension. Riverside Iron Works is shown on the northwest corner of the intersection. One structure is labeled machine shop and pattern shop. A portion of the other building is labeled foundry. The map notes there is no heat. Power and lights are electric. A small building labeled office is also located on the property near the railroad track that parallels King Street Extension.

The area southwest of the intersection is labeled as an auto junk yard. An onsite building is labeled used auto parts. There is also a dwelling on the property.

Sanborn Map – Sheet 82 dated February 1940

Molony Fertilizer Company is shown on the northwestern corner of the intersection of Union Street with King Street Extension. The building is labeled as a fertilizer warehouse. There is a mixing room and a bag room. An ammonia tank is shown on the south east corner of the building. The warehouse building is labeled to have gas heat and electric lights and power. A gasoline tank is shown west of the fertilizer warehouse. A store is further west. The Daniel Jenkins Homes, a federal housing project, is shown west and south of the fertilizer warehouse.

Sanborn Map – Sheet 82 dated February 1940-#2 (different map of Molony Fertilizer Company)

Molony Fertilizer Company is shown on the northwestern corner of the intersection of Union Street and King Street Extension. The building is labeled as a fertilizer warehouse. The warehouse is labeled to have heat from a stove. A gasoline tank is shown west of the fertilizer warehouse. A store is further west. The Daniel Jenkins Homes is shown west and south of the fertilizer warehouse.

Sanborn Map – Sheet 120 dated February 1951

A filling (retail petroleum) station is shown on the northwest corner of the intersection

of Spruill Avenue (Carolina Avenue Extension) and Hampton Avenue. This is Tract 57.

A dry cleaning laundry is located northeast of the intersection of Corona (1st Street) and Riverview Avenue.

Sanborn Map – Sheet 247 was with the 1955 maps
This map shows Disher Avenue at the intersection of King Street Extension. The labeling of the building at the northwest corner of the intersection is blurred. It appears to be labeled as Motor Tri Station. Other labeling on the structure is illegible. Another building further north is labeled tractor and implements shed.

The area southwest of the intersection is labeled as a junk yard. There is a small structure labeled junk storage. A bottling plant is located on the southeast corner of Disher Avenue and Summerville Avenue.

Summerville Avenue is shown north of Disher Avenue. Structures are labeled as dwellings. A store is shown northeast of the intersection of Disher Avenue and Doscher Avenue.

The intersection of Disher Avenue and Meeting Street Road is shown. A filling (retail petroleum) station with three gas tanks is shown directly across Meeting Street Road from Disher Avenue.

Sanborn Map – Sheet 251 with the 1955 maps
This map shows the intersection of Azelia [sic] Drive with King Street Extension. B.L. Montegue & Co. Inc. wholesale mill supplies and steel fabricators is shown just north of the intersection. The fabrication area, machine shop, stock rooms, and offices are labeled on the buildings. The Daniel Jenkins School is just south of the intersection. The Daniel Jenkins Housing project is southwest of the intersection.

Sanborn Map – Sheet 242 dated September 1955
Molony Fertilizer Company is shown on the northwestern corner of the intersection of Union Street and King Street Extension. A mixing room is labeled. Other rooms are labeled but the copy is illegible. A maintenance shop is shown northwest of the main structure. A store is located west of the fertilizer warehouse. The Daniel Jenkins Homes is shown west and south of the fertilizer warehouse.

Sanborn Map – Sheet 220 with the 1955 maps
This map shows a store at the intersection of Hampton Avenue and Spruill Avenue. The map is blurry. Something is north of the building in the area shown as gasoline tanks on Tract 57 in the 1951 Sanborn Map, but it is illegible.

Sanborn Map – Sheet 231 with the 1955 maps
Rosemont School built in 1926 is shown northwest of the intersection of Doscher Avenue and Peace Street. This is Tract 8.

Southern Lumber and Millwork Co is shown east of Summerville Avenue on SCDOT Tract 6. The main building is labeled hardware and building material. A corner of the building is marked oils and paints. Two lumber sheds are shown. Just north of the larger shed is a small building labeled stock room. A gasoline tank is west of this stock room. A small stock room building is also shown northwest of the small lumber shed. A lime and cement area and a building materials area are shown on a building on the southeastern portion of the site. The planning mill is on the southwestern portion of the site. A dwelling is shown on Tract 7. A structure labeled construction machinery sales and service is on the southern adjoining property

A structure is shown on Tract 22. The image is blurry, but it appears to be labeled Auto. A store is shown on Tract 23. A filling (retail petroleum) station is on Tract 24. A building with illegible labeling is on Tract 25. A store is on Tract 26. No structures are shown on Tract 27. A dwelling is on Tract 28.

A large store is shown on Tract 61. A small structure is shown east of the store. Much of the labeling is illegible. Several structures are shown on Tract 23 south of the portion of the property the SCDOT is acquiring. One is a restaurant, one is a filling (retail petroleum) station, one is a store, two are dwellings, one is labeled auto express, and one is not labeled.

Copies of the Sanborn Maps are included in Appendix V.

City Directory Review

City Directories were reviewed at the Charleston County Library in approximate five year intervals beginning in 2009 back to the 1950s. Beginning in the 1950s, directories are listed by community (Rosemont, Charleston Heights, etc.) and most businesses are not numbered. Streets reviewed include Austin Avenue, Baker Hospital Boulevard, Carner Avenue, Column Street, Discher Street (Discher Avenue and Disher Avenue), King Street Extension, Meeting Street Road, Odessa Street, Peace Street, Pittsburgh Avenue, Shipyard Creek Road, Spruill Avenue, Stromboli Avenue, and Summerville Avenue. A summary of the findings from the city directory review is included in Appendix V. Listings identified on the subject property are shown below.

Carner Avenue				
#	Listing	Year		
Tract 46				
2600	Southern Bell Tel & Teleg	1985	1980	1975
Tract 47				
2650	Associated Transport trucking	2009		
	Garnett Logistics	2009	2005	
	Intermodal Cargo Svc Co	2009		
	Norman C Toole Military Magnet School	2009		
	Container Salvage Co	1985		
	Navsea Warehouse	1985		
	GEX Inc of Charleston general merchandise	1975	1970	

Carner Avenue				
#	Listing	Year		
	Armour Oil gas station	1975	1970	
	Armour Oil Co of Charleston auto parts	1975	1970	1968
	GEX Paint Department	1975	1970	
	GEX Laundry & Cleaners	1968		

King St Ext					
#	Listing	Year			
Tract 6					
2031	Southern Lumber & Millwork lumber-retail	2009	2005	1996	1990
Tract 4					
2151	Reeder Industrial Contractors general contractors	2005			
	Rhodia Inc chemicals-mrfs	2005			
	Albright & Wilson America's chemical mfrs (Phosphorus Dr)	1996	1990		
	SC Electric & Gas plant	1990			
Tract 3					
2453	Dixie Box & Crating packing & crating serv	2009			
	American Port Svc packing & crating serv	2005			

Meeting St Rd				
#	Listing	Year		
Tract 23				
2045	Structured Wiring & Electric electric contractors	2005		
	The Doll House doll repr	1990		
Tract 61				
2102	Jones Truck Svc truck rpr & serv	2009		
	Road 1 truck rpr & serv	2009		
	BPK Construction Equipment Sls & Serv	1996	1985	
	Hertz Corp	1975	1970	
	Livingston's Self Service food Store	1961		
	Triangle Service Center	1961		
Tract 23				
2103	Silk Stockings by Amber entertainers	2005		
	Triangle Restaurant	1990		
	Sharpton's JB Liquor Store	1980	1975	
	Dix Ollian Retail Liquor Store	1970	1968	
	Carolina Security Patrol Service	1970		
Tract 67				
2413	Al's Auto Service reprs	1970		
Tract 46				
2600	Carl H Rourk telephone companies	2009		
	Southern Bell Telephone & Telegraph	1990	1985	1961

Odessa Street		
#	Listing	Year
Tract 21		
2224	EK SVC air conditioning contrs & sys	2009

Pittsburgh Ave			
#	Listing	Year	
Tract 33 and Tract 65			
1800	Ensafe Inc environmental & ecological service	2005	
	International Alloys metals serv ctrs'ofcs	2000	
	PMI Alloys metals serv ctrs'ofcs	2000	
	Mac Alloy Corporation alloys	1996	1990

Shipyard Creek Road			
#	Listing	Year	
Tract 37			
1801	Montenay Charleston RRI nonclassified establishments	2009	2005
	Foster Wheeler Charleston generation elec pwr	2000	

Spruill Ave								
#	Listing	Year						
Tract 61								
2102	Roberts Inc plmb sups	1955						
Tract 24								
2111	Neilsons Fish House	1996						
	Crosby's Seafood	1990	1985					
	Sharpton's Triangle Servicecenter	1980	1975	1970	1968			
	Central Transport Inc	1970						
Tract 28								
2118	Not Listed	2009	2005	2000	1996	1990	1985	1980
	Vacant	1975	1970	1968	1955			
	Robert O Morris	1961						
Tract 27								
2120	Joe's Roundup	2009	2005					
	Round Up	1996	1990	1985				
	Coral Lounge	1980	1975					
	Driftroom night club	1970	1968					
Tract 26								
2128	Higginbotham's Body Shop	1990	1985					
	Reuben's Body Shop	1980	1975					
Tract 25								
2132	Baldwin Brothers Inc- hydraulic equipment mfrs, hydraulic jack serv	2009	1996	1990	1985	1980		
	Baldwin Bros whol auto parts	1975	1970	1968				
	Baldwin Bros scooter dlrs	1961						
	Baldwin Bros mtrcycles	1955						

Spruill Ave								
#	Listing	Year						
Tract 58								
2532	Earthcore Industries LLC mfrs	2009						
	Liquid Culture Enterprise LLC beverages	2009	2005					
	Global Beverage Co beverages	2005						
	Atlantic Dominion Distributors	2000						
	Atlantic Earth Grain	2000						
	Atlantic Tobacco Co whol	1996	1990	1985	1980	1975		
	Earthgrains Bread	1996						
	Ginsberg I Inc whol tob	1970						
Tract 57								
2533	Discount Television Sales & Service	1970	1968					
Tract 39								
2534	Con Global Industries cargo & freight containers	2009	2005					
	OST Trucking Co Inc trucking	2009						
	Con global cargo & freight containers	2005						
	Carolina Container	1996						
Tract 37								
2550	Foster Wheeler Charleston Resource Recovery Inc	1990						
Tract 42								
2635	Maximum Crane Works crane serv	2005						
Tract 51								
2664	Coastal Cutting & Coring LLC drilling & boring contractors	2009	2005					
	Mobile Crane SVC pile driving	2009	1996	1990				
	Concrete Coring Co of SC drilling & boring contractors	2005	1996	1990				
	Mobile Crane SVC tank installation	2005						
	WD Sales	1996						
	Tiller Construction Co	1990						
Tract 50								
2667	Health Equipment Wholesalers Inc	1996						
	D&S Services Co oil dlrs equip	1990	1985	1980	1975			
	L&M Welding & Salvage Inc	1985						
	Petroleum Equipment Co Inc	1970	1968					
Tract 52								
2668	Eason Diving & Marine Contr divers	2009	2005	1996	1990			
	Technical Safety & Health Co Inc safety equip	1990						
Tract 53								
2669	C&J Pantry bars	2009	2005	2000				
	Jake's Stop gro	1990	1985	1980	1975	1970	1968	
Tract 56								
2681	Mims Amusement Co	2009	2000	1996	1990	1985		
	Palmetto State Distributing Company amusement gds	2000						

Stromboli Avenue			
#	Listing	Year	
Tract 45			
1923	Central Transport Inc trucking motor freight	2009	2005
Tract 43 and Tract 44			
1950	SSA Cooper stevedoring contractors	2009	2005

Summerville Avenue								
#	Listing	Year						
Tract 20								
1885	Machinist Inc mach shops	2009	2005	1996	1990			
Tract 16, Tract 17, and Tract 18								
1911	Anchor Awnings Ltd govt	1996						
Tract 15								
1913	Porter Edwin Contracting Co genl contr	1990						
	Southern Acoustics & Dry Wall whse	1980	1975					
	Unclaimed Freight Disposal	1970						
Tract 11								
2001	Professional Carpet Sales	2009	1996	1980	1975			
	Southern Chemical Products Co chemicals	2005	1996	1990	1985	1980	1975	1970

Charleston County Property Cards

Available property record cards were reviewed on the Charleston County website. Copies of the property cards are included in Appendix II. Cards were not available for all of the tax parcels. Listings of potential concern are included below.

Tract 1 and Tract 66 title of ownership lists Virginia-Carolina Chemical Corp. (1926), Socony Mobile Oil Company, Inc. (1964), Mobil Oil Corporation (1966), Swift Agricultural Chemicals Corporations (1971), Baker Memorial Sanitorium (1979), Baker Hospital (1980), and Ashley II of Charleston, LLC (2003).

Tract 4, 4A, 4B, 4C, and 4D title of ownership lists Virginia-Chemical Corporation (not listed), Socony Mobil Oil Company, Inc. (1964), Mobil Oil Corporation (1970), and Albright and Wilson Inc. (1985).

Tract 5 title of ownership lists Socony Mobil Oil Company, Inc (1964), Mobil Oil Corporation (1970), Mobil Foundation, Inc. (1976), Van Ness Sign & Leasing Company (1983), and Ashley II of Charleston LLC (2003).

Tract 9 title of ownership indicates Southern Chemical Products Company purchased the property from the Albrecht family in (2000). Tract 10 property record indicates Southern Chemical Products Co., Inc. purchased the property from Rosemont Baptist Church in 1966. Tract 11 title records indicate the property was purchased by Southern Chemical Products Co., Inc. from Rosemont Baptist Church Trustees in 1966. It was purchased by Arthur Crisp in 1996 and ADJ & Associates in 1986.

Tract 26 title of ownership lists Atlantic Pest Control Company as purchasing the property in 1960. Subsequent owners are listed as individuals.

Tract 33 property card lists Air Reduction Company, Inc. (1979) and Macalloy Corporation (1979).

Tract 35 property card only identifies United States of America with no date.

Tract 49 title of ownership lists Delhi-Taylor Oil Corp. (1962), Hess Oil and Chemical Corp. (1963), William Cronan (1978), and Eason Leasing Company, Inc.(1996).

Tract 50 title of ownership lists Palm Oil Co. (no date listed), Petroleum Equipment Co., Inc. (1953), D&S Equipment Company, Inc. (1974), and subsequent leasing/marketing companies.

Tract 63 title ownership includes Virginia-Carolina Chemical Corp. (1926), Socony Mobile Oil Company, Inc. (1964), Mobil Oil Corporation (1966), and Swift Agricultural Chemicals Corporation (1971).

Charleston County Register Mesne Conveyance Office Plats
Available plats were reviewed on the Charleston County website. Copies of the reviewed plats are included in Appendix II. Listings of note are included below.

A 1962 plat of the Tract 49 and Tract 50 illustrates two tanks on Tract 49. The plat also shows Palm Oil as the property owner for Tract 50.

A 1961 plat of the area near the intersection of King Street Extension and Azalea Dive was also reviewed. This plat illustrates Virginia Carolina Chemical Company as the property owner for land west of King Street Extension which includes Tract 1, Tract 2, Tract 3, and Tract 66. Two lots are shown just southwest of the intersection and are labeled as Maloney Fertilizer Company and School District 4.

A 1989 plat of Tract 37 illustrates the details of the incinerator. This plat illustrates locations of the boilers, the shop, the pit, ash storage building, ash pond, cooling water pond, and the water treatment area. A substation is also shown on the southwest corner of the site.

4.5 Historical Use Information on Adjoining Properties

Based upon available historical sources, the adjoining and surrounding properties have been used for industrial, commercial, marine, academic, religious, militaristic, and residential purposes.

5. SITE RECONNAISSANCE

Site reconnaissance was performed on various parcels during October, November, and December 2010 and January 2011 by S&ME personnel to observe the current uses of the subject property, adjoining properties and those properties in the surrounding area,

as well as the topographic conditions of the property and the surrounding area. Photographs were taken of various portions of the subject property to document existing conditions. Copies of these photographs are included in Appendix VI of this report.

5.1 Methodology and Limiting Conditions

The subject property was observed by walking accessible areas of the site and visually observing adjacent properties. Limiting conditions encountered on each property are discussed in Section 5.3.

Generally, property boundaries were not marked in the field. Property lines were estimated by field personnel.

5.2 General Site Setting

The subject property is located in the neck area of the Charleston Peninsula. Shipyard Creek is east and the Ashley River is west of the property. The land is generally flat and mostly developed for commercial use.

Property includes: land parallel to Interstate 26 from just south of Baker Hospital Boulevard to Peace Street on the west and to Odessa Street on the east; land north and south of Stromboli Avenue between Carner Avenue and Spruill Avenue; land parallel to Spruill Avenue from Jacksonville Road to Hampton Avenue; land parallel to Shipyard Creek Road from its intersection with Spruill Avenue east to its terminus; and, a strip of land from the intersection of Summerville Avenue with King Street Extension east through the intersection of Meeting Street Road and Spruill Avenue, across the railroad, then north to Bainbridge Avenue and the Navy Base.

5.2.1 Current Use(s) of the Property

Refer to Section 2.3 for a description of current uses of the property.

5.2.2 Past Use(s) of the Property

Past uses of most of the properties were not evident from the site reconnaissance with the following exceptions.

The large amount of shattered automobile glass observed on the ground surface of Tract 22 indicated a junk yard may have previously occupied the property.

Remnants of a fuel dispenser island were observed on Tract 24, indicating the past use as a filling (retail petroleum) station.

Building remnants observed on Tract 37 indicated the property was previously used as an incinerator.

5.2.3 Current Use(s) of Adjoining and Surrounding Properties

The current uses of adjacent property of each SCDOT Tract are discussed in Section 5.3.

5.2.4 Past Use(s) of Adjoining and Surrounding Properties

Past use of adjoining properties were not evident during the site reconnaissance.

5.2.5 Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

Information pertaining to geologic and hydrogeologic conditions obtained from standard resources is provided in Section 4.3. During the site reconnaissance, the topography of the subject property was generally flat. It is assumed groundwater would flow toward Shipyard Creek or the Ashley River. Area hydrogeologic conditions were not confirmed during the site reconnaissance. No confirmation of groundwater conditions was made during the site visit.

5.2.6 Description of Structures and Roads

Structures, located on 24 of the SCDOT Tracts, are described in Section 5.3. Major throughways of the property include King Street Extension (Highway 78), Meeting Street Road (Highway 52), and Interstate 26. Spruill Avenue, Shipyard Creek Road, Summerville Avenue, and Stromboli Avenue provide access to most of the property.

5.2.7 Potable Water Supply and Sewage Disposal System

Potable water and sewage disposal services are provided by the Charleston Commissioners of Public Works / Charleston Water Systems (water) and the North Charleston Sewer District (sewage). Charleston Water Systems provides sanitary sewer services to a limited number of the parcels.

Property owners or property owner representatives indicated operational septic tanks are currently located on Tract 3, Tract 21, Tract 49, Tract 50, Tract 51, and Tract 53. Septic tanks were previously used on Tract 45 and Tract 52. We were unable to confirm current or past wastewater disposal practices of some properties.

5.3 Exterior Observations

Tract 1 and 66

Tract 1 and Tract 66 (TMS# 469-00-00-002) are owned by Ashley II of Charleston, LLC. The entire 17.37-acre parcel was reviewed as part of the assessment. S&ME conducted a site reconnaissance on December 8, 2010. The property is currently vacant and not in use. Several billboards were observed on the property. Portions of the site are covered with dense vegetation. Debris including tires, domestic trash, and rubble was observed in the vegetation. A monitoring well was also observed on the property.

Interstate 26 forms the northern and eastern property boundary. Commercial and industrial businesses are beyond the interstate. Rhodia is located on the southern adjoining property on Tract 4. Vacant land, the former Baker Hospital site, a

Rehabilitation/Nursing Center, and Sunbelt Rental Company are located west of the property.

Tract 2

Tract 2 (TMS# 466-07-00-005) is owned by Richard Padgett and James Padgett. The subject property is 0.45-acre of the 4.44 acres located at 2703 King Street Extension.

S&ME conducted a site reconnaissance on November 12, 2010. The proposed SCDOT property is currently used by a trucking company. A fence is located on the property parallel to Interstate 26. What appeared to be security cameras were observed along the fence line. Portions of the site are covered with dense vegetation. Debris including tires was observed in the vegetation.

A parking area for the trucking company is located to the north and east on the remainder of the tax parcel that is not part of the proposed SCDOT right-of-way. A few tractor trailers were parked on the property at the time of the site reconnaissance. Tract 2, a storage yard, is located to the south. Interstate 26 forms the western property boundary. Ashley II of Charleston owns the property west of Interstate 26 that is part of the Magnolia VCC and identified as Tract 1.

Tract 3

Tract 3 (TMS# 466-07-00-006) is owned by Twenty First Properties, Inc. The subject property is 1.33 acres of the 9.99-acre parcel located at 2453 King Street Extension.

S&ME conducted a site reconnaissance on November 12, 2010. The proposed SCDOT property is currently used as a storage yard. A fence is located on the property parallel to Interstate 26. Portions of the site are covered with dense vegetation. Debris including tires, wood, and metal was observed in the vegetation.

A warehouse structure is located to the northeast on the remainder of the tax parcel that is not part of the proposed SCDOT right-of-way. The warehouse structure was vacant at the time of the site reconnaissance. An international trucking company operates on the northwestern adjoining property and is part of Tract 2. Interstate 26 forms the western and southern property boundary. Rhodia (The Albright & Wilson Chemical Plant) is located to the south on the opposite side of Interstate 26 and is part of Tract 4. Ashley II of Charleston owns the property west of Interstate 26 that is part of the Magnolia VCC and identified as Tract 1 and Tract 66.

Tracts 4, 4A, 4B, 4C, and 4D

Tract 4, Tract 4A, Tract 4B, Tract 4C, and Tract 4D (TMS# 466-00-00-011 and 466-00-00-023) are owned by Albright & Wilson Americas, Inc. The parcels are part of the Rhodia VCC. This assessment includes 3.94 acres of Tract 4, 0.15-acre of Tract 4A, 1.74 acres of Tract 4B, 1.16 acres of Tract 4C (total parcel), and 0.50-acre of Tract 4D (total parcel). S&ME was unable to gain access to the property from Rhodia to conduct a site reconnaissance on these tracts.

Tracts 5 and 68

Tract 5 (TMS# 466-00-00-023) and Tract 68 (no TMS#) are owned by Ashley II of Charleston, LLC. The parcels are part of the Van Ness Property and were previously owned by Van Ness Sign and Mobil Foundation, Inc. This assessment included 1.31 acres of Tract 5 and 0.13-acre of Tract 68.

S&ME conducted a site reconnaissance on November 29, 2010. The property is overgrown with vegetation. Mounds of soil and debris were observed on the northern portion of the property. Dumping was observed along the road that forms the eastern property boundary. The dumping consisted of small containers and construction type wastes. Monitoring wells were also observed on the property. Vegetation and marshland limited our review of the property.

The Rhodia phosphogypsum stack is located across Austin Avenue from the subject property to the north, Tract 4. Interstate 26 forms the eastern property boundary. Rhodia property (Tract 4C and Tract 4D) and Southern Lumber (Tract 6 and Tract 7) are further east. The park, Tract 8, is located on the southern adjoining property. Liquid Transport is located on the western adjoining property across Austin Avenue.

Tract 6

Tract 6 (TMS# 466-16-00-099) is owned by Albrecht, Albrecht & Shuler. This parcel is developed with Southern Lumber. The previous owner of the property was Eloise Van Ness Albrecht. The subject property is 6.30 acres located at 2031 Summerville Avenue.

S&ME conducted a site reconnaissance on November 15, 2010. We were accompanied by Thad Shuler and Joye Shuler of Southern Lumber. The property is used by Southern Lumber for office space, retail space, millworking, and storage. The majority of the structures are used for lumber storage. There are two millworking buildings with wood chip collection areas.

An elevated emergency generator was observed outside of the new millworking area. It appeared to be powered by natural gas. Two above ground storage tanks were observed on the western portion of the property. One tank contained off road diesel fuel and was in secondary containment. The other tank contained highway diesel fuel. No secondary containment was observed for this tank. Staining was observed on the ground surface and asphalt around the tanks.

A parts washer was observed inside of a building on the central portion of the property. The property owner's attorney advised his clients not to answer questions about the property; therefore, we were unable to determine what type of solvents were used and how they were disposed. Small quantities of oils, fuel, and lubricants were also observed.

Summerville Avenue forms the northern property boundary. SCDOT Tract 4D which is currently undeveloped is located on the northern adjoining property. A railroad King

Street Extension and another railroad form the eastern property boundary. Currently vacant property that is part of SCDOT Tract 22 and Tract 23, the vacant former Silk Stockings by Amber building, a vacant unmarked building, and Bearing Distributors are located further east. Star Limousine and vacant property are to the south. Summerville Avenue forms the western property boundary. Interstate 26 and SCDOT Tract 9 and Tract 10 are further west.

Tract 7

Tract 7 (TMS# 466-16-00-117) is owned by Albrecht, Albrecht, and Shuler. The subject property is 0.16-acre located at 2028 Summerville Avenue.

S&ME conducted a site reconnaissance on November 15, 2010. We were accompanied by Thad Shuler of Southern Lumber. The property is developed with a vacant residential structure. No evidence of an underground storage tank was observed. We were unable to determine the past heating source of the structure.

The northern, eastern, and southern adjoining property is developed as Southern Lumber, Tract 6. Summerville Avenue forms the western property boundary. Interstate 26 is further west.

Tract 8

Tract 8 (TMS# 464-01-00-031) is owned by Rosemont Acres, Inc. and Equipment Care Center. This assessment included 0.45-acre of the tax parcel. On November 1, 2010, S&ME conducted a site reconnaissance of the property. The site is a grass field and a portion of a parking area. A concrete pad and a grass covered mound of soil were observed in the field on the property. A fence forms the eastern border of the property. Dense vegetation limited the review of the property along the fence line. Two fences were observed along the eastern boundary on the northern portion of the site. This area may have been a detention pond. This area was observed from the property because of the fence and vegetative cover.

The northern adjoining property, Tract 68, is overgrown. Interstate 26 forms the eastern property boundary. A mound of soil and a weather station were observed in the parking area to the south of the subject property. Residential development is further south. The western adjoining property is the remainder of the public park. Austin Avenue is further west.

Tracts 9, 10, and 11

Tract 9 (TMS# 466-16-00-118) and Tract 10 (TMS# 466-16-00-100) are owned by Arthur Crisp. Tract 11 (TMS# 466-16-00-101) is owned by ADJ and Associates. Professional Carpet Sales previously leased the warehouse and attached office building. The Charleston County GIS identifies the property as Southern Chemical. S&ME conducted a site reconnaissance on November 19, 2010. We were accompanied by Hank Chevis of Anchor Sign who currently leases the property. Dense vegetation limited our review of portions of the property.

Tract 9 is a 0.08-acre tract of undeveloped overgrown property on the west side of Summerville Avenue. A fence is located along what appeared to be the western property boundary. Standing water was observed either on the site or just south of the tract, between Tract 9 and Tract 10. The property was observed from Summerville Avenue.

Tract 10 is a 0.24-acre fenced gravel lot on the west side of Summerville Avenue. Currently the property is not in use, but it appeared that it was previously used as a parking area for the loading docks on the adjoining Tract 11.

Tract 11 is a 0.44-acre site developed with a warehouse building located at 2001 Summerville Avenue. The warehouse building is attached to an office structure that is on a separate tax parcel. The building is fenced together with several of the offsite tax parcels. The warehouse floor was concrete and no floor drains were observed. A water heater and mixing tank were observed in the northeast corner of the warehouse. A rusted metal 55-gallon drum labeled Formula RD 10 (a detergent additive for water) and a rusted metal 35-gallon drum labeled potassium hydroxide (caustic potash) were observed in this area.

The right-of-ways for Interstate 26 and Summerville Avenue come together north of the property. Southern Lumber, SCDOT Tracts 6 and 7, is located on the northeastern adjoining property. Summerville Avenue forms the eastern property boundary. Vacant, currently undeveloped property is east of Summerville Avenue. Property leased or owned by Xiphias Holdings, LLC (Anchor Sign) is to the south. A wood shop and the vacant attached two story office building are immediately adjacent. Interstate 26 forms the western property boundary. A park is west of the interstate and is identified as SCDOT Tract 8. Currently overgrown Tract 13 is also to the west.

Tracts 12, 14, 15, 16, 17, and 18

Tract 12 (TMS# 466-16-00-104), Tract 14 (TMS# 466-16-00-120), Tract 15 (466-16-00-108), and Tract 16, Tract 17, and Tract 18 (TMS# 466-16-00-112), are owned by Xiphias Holdings, LLC. S&ME conducted a site reconnaissance on November 19, 2010. We were accompanied by Hank Chevis of Anchor Sign.

Tract 12 is located on the north side of Peace Street adjacent to Interstate 26. A small concrete block building is located on the northern portion of the property. Currently the building is used as a woodshop to make shipping boxes for Anchor Sign. A restroom was observed in the southeastern corner of the building. No floor drains were observed. A compressor is located on the exterior wall at the southeastern corner of the building.

Two loading docks are located on the southern side of the building on Tract 12. A natural gas meter is located between the two docks. The southern half of the property is paved with asphalt. An empty plastic 55-gallon drum was observed at the southeastern corner of the tax parcel.

Tract 14 is located on the south side of Peace Street adjacent to Interstate 26. The northern portion of the property is used as storage space for lumber and other materials used by Anchor Sign. The southern portion of the property is developed with a structure that is an addition to the building on the adjoining Tract 15. Restrooms, a computer server room, and a storage room were observed in the addition. No floor drains were observed. Two metal 55-gallon drums labeled Cool Temperature Reducer were observed near the shed on the eastern adjoining property.

Tract 15 is located at 1913 Summerville Avenue. It is the southern adjoining property of Tract 14. The property is developed with two structures. The structure that is connected to the addition on Tract 14 is used as office space. It is one room with numerous desks. This room was not photographed because of the number of people working in the area.

The other structure on Tract 15 is the fleet repair shop. This building is located on Summerville Avenue. Oils, lubricants, solvents, used oil, used oil filters, transmission fluids, parts washer, batteries, a portable fuel AST and other materials typical of a repair shop were observed. Materials were stored in a neat and organized manner. No floor drains or hydraulic lifts were observed in the shop.

Tracts 16, 17, and 18 are part of one tax parcel located at 1911 Summerville Avenue. Several attached structures are located on this parcel. The largest portion of the structure is parallel to Interstate 26 and is currently used to store signs and other materials. This building was previously used as the office space until it burned. A used oil tote and a rusted drum with unknown contents were observed south of the building. Several new addition areas include a garage, conference room, office space, and apartment area.

Property currently leased by Anchor Sign is to the north. Summerville Avenue and Anchor Sign property are to the east. Mechanist Inc., SCDOT Tract 20, is located to the south. Interstate 26 forms the western property boundary. Residential property is further west.

Tract 13

Tract 13 (TMS# 464-01-00-030) is owned by Myrtices Williams. The property is 0.01-acre adjacent to Interstate 26. S&ME conducted a site reconnaissance on December 16, 2010. The site is overgrown with dense vegetation.

Interstate 26 forms the northern and eastern property boundary. Commercial property is further east. Land south of Tract 13 is developed with private residences. A community park, Tract 8, is located to the west of the site.

Tract 19

Tract 19 (TMS# 464-02-00-001) is owned by Harold Sherman. The property is 0.01-acre that fronts Interstate 26. On October 26, 2010, S&ME conducted a site reconnaissance. The site is overgrown with dense vegetation. A fence is located along

the northern property line. Observations of the tract were conducted from the northern adjoining property.

Discher Street forms the northern property boundary. The northern adjoining property, Tract 17, is currently occupied by Anchor Sign. Machinist Inc., a machine shop on Tract 20, is located on the eastern adjoining property. Interstate 26 forms the southern and western property boundary. Residential property is south, Tract 21, and west of the site.

Tract 20

Tract 20 (TMS# 464-02-00-002) is owned by Robert Hudgens. The property is 0.55-acre located at 1885 Summerville Avenue. The property is developed with a machine shop. S&ME conducted a site reconnaissance on November 2, 2010. We were accompanied by the owner, Mr. Hudgens.

There are five sections of buildings constructed at various times from 1981 to about 1998. The type of construction varies. The shops and office space are single story metal buildings on concrete slabs. The buildings use modern HVAC and natural gas heaters in the shop areas. The age of the heating system is unknown. The buildings are connected to municipal water and sewer.

The original structure was constructed in 1981 as a machine shop. This building is located on the northern portion of the property parallel to Discher Street. An expansion was added to the east side of the structure in 1989. This area is used as the office space.

The shop was expanded again in the 1990s. An addition was made on the west side of the original structure that spanned south for additional shop space. The southernmost portion of the expansion is used for welding. A storage building was also constructed on the southern portion of the property in the 1990s. This building was expanded to the east about 12 years ago for additional shop work area. A shed is located south of this building along the southern property boundary.

Stained soils were observed near the air compressor located near the welding shop and outside of the building adjacent to Interstate 26. A rusted metal 55-gallon drum with unknown contents was observed behind the southern shop building.

Drums and small containers of motor oils and machine cutting oils were observed in the shops. The oils are disposed off-site by a private contractor. No floor drains or sumps were observed in the buildings. No evidence of monitoring wells or underground storage tanks was observed on the property.

Discher Street forms the northern property boundary. Residential development and an Anchor Sign warehouse structure further north. Summerville Avenue forms the eastern property boundary. A truck repair business is further east. Residential property is located to the south. A private residence and Interstate 26 are on the western adjoining property.

Tract 21

Tract 21 (TMS# 464-02-00-003) is owned by Laurie and George Kornahrens. The property is 0.07-acre tract located at 2224 Odessa Street. The property is developed with a single story block structure approximately 900 square feet in size. The residence was constructed in the 1940s. It currently uses a septic tank and public water. Currently, the home is heated with electric heat pump installed in 2007. Previous heat sources are unknown. The owner and tenant stated they were unaware of any underground storage tanks.

S&ME conducted a site reconnaissance on November 1, 2010. A small quantity of shingles was used to form a walking path adjacent to the western wall of the structure. Several propane tanks were neatly stored behind the house along the northern property boundary. The private residence was not entered.

The northern and eastern adjoining property is developed with Machinist Inc. The southern property boundary is formed by Odessa Street and a carport. Interstate 26 forms the western property boundary.

Tract 22

Tract 22 (TMS# 466-16-00-124) is owned by Fabian, Fabian Properties, LLC. The property is 0.68-acre. S&ME conducted a site reconnaissance on October 26, 2010. The property is currently vacant. The ground surface of the property was covered with what appeared to be shattered automobile glass. Two strips of concrete were observed parallel to Meeting Street Road. Light dumping of household wastes including drink bottles and a couch were observed on-site.

Several mounds of soil and wood chips were observed. What appeared to be asphalt and soil mounds were pushed into piles against the tree line that forms the eastern property boundary. Some of the mounds were overgrown with vegetation and the contents could not be determined.

A former gasoline station is located on the northern adjoining property. Land to the east and west are currently open and undeveloped. Water was observed in a ditch along the eastern property line. A railroad forms the southern property boundary. King Street Extension parallels the railroad. Southern Lumber is further south.

Tract 23

Tract 23 (TMS# 466-16-00-083) is owned by Shipyard Barge, LLC. The parcel is 1.72 acres. On October 26, 2010, S&ME conducted a site reconnaissance of the western portion of the parcel that the SCDOT is considering for purchase. The property is open and currently undeveloped. The ground surface is overgrown with weeds and other vegetation. Household debris including bottles, tires, and a small gasoline can were observed on the property.

The northern adjoining property, Tract 24, was previously developed with a gasoline station. Property to the northeast is developed with a truck service and repair business, Road 1. The eastern adjoining property, which is part of the same tax parcel, is developed with two vacant structures. The closest structure, 2103 Meeting Street Road, was marked as Silk Stockings by Amber. Lots of debris that appeared to be contractor wastes, including paint cans, plastic, plywood, and calk, was observed behind the building. No name was shown on the structure located at 2045 Meeting Street Road. Bearing Distributors, Inc., located at 2039 Meeting Street road is located on the eastern adjoining tax parcel. A railroad forms the southern property boundary. King Street Extension parallels the railroad. Southern Lumber is further south. The western adjoining property is currently undeveloped.

Tract 24

Tract 24 (TMS# 466-16-00-076) is owned by CC&A Rentals, Inc. The parcel is 0.56-acre of land previously developed with a gasoline station. S&ME conducted a site reconnaissance on October 26, 2010. A dispenser island and what appears to be the concrete pad of a former structure are present on-site. The ground surface is covered with concrete pavement or gravel. The property is not currently in use.

The adjacent parcel to the north is undeveloped. Little Avenue and residential development are further north. Baldwin Brothers, Inc., located at 2132 Spruill Avenue, a vacant unnumbered building, and Joe's Roundup Adult Entertainment, located at 2120 Spruill Avenue, are located on the eastern adjoining property. The southern adjoining property is the intersection of Spruill Avenue and Meeting Street Road. The vacated Silk Stockings by Amber, 2103 Meeting Street Road, and Road 1 truck repair and service, 2102 Meeting Street Road, are located further south. The western adjoining property is currently undeveloped.

Tract 25

Tract 25 (TMS# 466-16-00-020) is owned by Baldwin Brothers Inc. and located at 2132 Spruill Avenue The parcel is 0.03-acre developed with a hydraulic repair business. S&ME conducted a site reconnaissance on December 12, 2010. The site is developed with a two story building that uses natural gas heat and electric HVAC. Indications of past heating practices were not observed. No floor drains were observed in the building. The building is connected to public water and sewer.

A used oil AST was observed in the building. Minimal staining was observed around the tank on the concrete floor. Small quantities of motor oils and hydraulic oils were observed in the shop area. It appeared that little repair work was conducted on-site.

The northern adjoining property is green space. A railroad track forms the eastern property boundary. Macalloy is further east. Tract 26, Plantation Painters, is south of the property. A former gas station, Tract 24, is located to the west across Spruill Avenue.

Tract 26

Tract 26 (TMS# 466-16-00-019) is owned by Rick Snyder and located at 2128 Spruill Avenue. S&ME conducted a site reconnaissance on November 3, 2010 and was accompanied by the owner. The property is 0.13-acre currently used by Plantation Painters, a paint contractor. The site is developed with a single story cement block building that is about 1000 square feet. There is a wooden outbuilding used for storage on the southwestern corner of the property. Two container boxes, located on the northern corner of the site are used for storage. One of the container boxes was not opened.

The building has three areas. Office space and a restroom are located at the front of the building along Spruill Avenue. A roll up door visible from the street opens into the area used as a paint booth. The rest of the building is used as a work area and for storage of painting supplies. The building has central heat and air. Indications of past heating practices were not observed. No floor drains were observed in the building. The building is connected to public water and sewer.

The area behind the building is fenced. The majority of the space is used for storage. There is an outdoor sink that drains to public sanitary sewer. Similar to the inside of the building, numerous cans of paint were observed.

The northern adjoining property is developed as Baldwin Brothers and is identified by the SCDOT as Tract 25. A railroad forms the eastern property boundary. Macalloy property is further east. Joe's Round Up, an adult entertainment establishment is located on the southern adjoining property and is identified by the SCDOT as Tract 27. Spruill Avenue forms the western property boundary. A vacant parcel identified as SCDOT Tract 24 is the western adjoining property. SCDOT Tract 24 was previously developed with a gas station.

Tract 27

Tract 27 (TMS# 466-16-00-018) is owned by Donna Works and located at 2120 Spruill Avenue. S&ME conducted a site reconnaissance on November 19, 2010 and was accompanied by the owner. The property is 0.09-acre currently occupied by Joe's Round Up, an adult entertainment lounge. The site is developed with a single story brick building that appeared to be less than 1000 square feet.

A disc jockey booth, bar, dance floor, private dance area, locker room, and restrooms were observed. The building was relatively dark which limited our observations. The building smelled strongly of cigarette smoke. The building has central heat and air. Indications of past heating practices were not observed. No floor drains were observed in the building. The building is connected to public water and sewer.

Asphalt debris was observed behind the building. This area between the building and the railroad was overgrown with vegetation. A back flow preventer wrapped in insulation and covered with a plastic box was also observed behind the building.

Plantation Painters is located on the northern adjoining property and is identified by the SCDOT as Tract 26. A railroad is east of the property. Macalloy land is further east. Road 1, tuck repair, is located on the southern adjoining property and is identified as SCDOT Tract 28. Spruill Avenue forms the western property boundary. A former gasoline station is located on the western adjoining property and is identified as SCDOT Tract 24.

Tracts 28 and 61

Tract 28 (TMS# 466-16-00-017) and Tract 61 (TMS# 466-16-00-016) are owned by Michael Jennings. S&ME conducted a site reconnaissance on November 3, 2010 and were accompanied by the owner. Tract 28 is a 0.33-acre parcel that has a physical address of 2118 Spruill Avenue. Tract 61 is a 0.68-acre parcel that has a physical address of 2102 Spruill Avenue. The site is developed with a single story metal building that is approximately 5000 square feet. Currently the building is leased to Road-1, a truck repair shop. An unused double wide mobile office is located on the southeastern corner of the parcels. The mobile office was locked and not entered.

The office area was only partially used. There were two actual offices, a half bathroom, and an out of use full bathroom. Floor drains were observed in both bathrooms. The building is connected to public water and sewer. Approximately ten batteries and small quantities of oils and lubricants were observed in a storage room.

The building has an office area and two drive through truck bays with a concrete floor. Floor drains that had been filled with concrete were observed in the garage area. Two parts washers and a motor oil AST are located along the interior eastern wall of the building. Oils and other lubricants were neatly stored in drums and containers inside the building.

A covered outdoor truck bay adjoins the eastern wall of the building. The floor of the outdoor bay is concrete. A trough drain covered by a grate crosses the bay. It appeared that the trench may drain to gravel portion of the lot. Various containers typical of a truck repair shop including two parts washers were observed in the outdoor bay. Used oil was stored in a tote and an AST. A used oil filter container, several drums, oil pans, and numerous 5-gallon buckets were also observed. The drums were 30-gallon and 55-gallon in size. Some were labeled and some were not. The floor was stained all along the wall were the oils were stored.

One drum was sitting outside of the bay on the ground surface. This drum lid was covered in a black petroleum looking film and the ring clamp holding the lid was broken. Minimal staining and stressed vegetation was observed below this drum.

The groundcover surrounding the building was gravel. Just east of the building, eight steel plates were observed in the drive area. The owner and tenant were unaware of their function. Another trough drain covered with a grate was just east of the plates. This trench was full of dirt and gravel from the parking area. A small area of concrete was observed on the northern side of the building in front of one of the roll up doors.

A concrete pad with two manhole covers marked sanitary sewer was observed on the south side of the building just in front of and between the roll up doors. This may be an oil-water separator. The manhole covers were not lifted.

Joe's Round Up, an adult entertainment establishment is located on the northern adjoining property and is identified by the SCDOT as Tract 27. A railroad forms the eastern property boundary. Tuxbury Lane is further east. Tuxbury Lane also forms the southern property boundary. Coach Craft Bodyworks, an automobile collision specialist is located on the southern adjoining property. Spruill Avenue forms the western property boundary. Meeting Street Road intersects with Spruill Avenue at Tuxbury Lane. A vacant building, previously Silk Stockings by Amber, is located across the intersection to the west.

Tracts 29, 31, 32, 33, and 65

Tract 29 (TMS# 466-00-00-063), Tract 31 (TMS# 466-00-00-006), Tract 32 (TMS# 466-00-00-064), and Tract 33 (TMS# 466-00-00-010) Tract 65 are owned by Shipyard Creek Associates. These parcels are part of the Macalloy VCC. This assessment included 4.87 acres of Parcel 29, 0.34-acre of Parcel 31, 1.03 acres of Parcel 32, and 13.26 acres of Parcel 33. Tract 65 is marshland. Dense vegetation and water/marshland limited our review of the property.

S&ME conducted a site reconnaissance on December 16, 2010. The site is currently vacant land. Numerous monitoring wells were observed on the property and the adjoining portions of the tax parcels. Areas with no vegetation were also observed.

The incinerator property, Tract 37, and the navy base property, Tract 35, are located north of the property. Additional Macalloy property and Shipyard Creek are to the east. Sonoco Recycling, Tract 59, and PSC Container Service are located to the south. A railroad forms the western property boundary. First Recovery and Trasflow Terminal Services are located west of the railroad. Residential and commercial development are further west along Spruill Avenue.

Tract 30

Tract 30 (TMS# 466-00-00-052) is owned by Santee Cooper. S&ME conducted a site reconnaissance of the 0.01-acre portion of the 1.91 acres tract on October 26, 2010. The site is developed with a power transmission line, fenced, and overgrown with dense vegetation. Observations were made from the southern adjoining property.

The northern and western adjoining property, which is part of the same tax parcel, is part of the power transmission line. Transflow Terminal Services is located to the north of the site. The Macalloy VCC property is to the north, east, and south of the parcel. Sonoco Recycling and PSC Container Services currently operate on the eastern adjoining Macalloy site.

Tract 34

Tract 34 (TMS# 400-00-00-105) is owned by the South Carolina State Ports Authority. S&ME conducted a site reconnaissance of the 0.93-acre portion of the 84-acre tax parcel on December 16, 2010. The site is currently vacant. Monitoring wells are either on or adjacent to the property. The groundcover and marshland limited our review of the property.

The northern adjoining property is Tract 35, a former landfill area (SWMU #9) on the Navy Base property. The eastern adjoining property is part of the former Navy Base. The southern and western (Tract 65) adjoining property is marshland. Shipyard Creek is south of the property.

Tract 35 and Tract 70

Tract 35 (TMS# 400-00-00-004) is owned by the United States of America. Tract 70 is the existing Bainbridge Avenue and no new right of way is being acquired. S&ME conducted a site reconnaissance on 8.40 acres of the 147.45-acre tax parcel on December 16, 2010 (northwestern portion) and January 17, 2011 (southern portion near Shipyard Creek). The property is part of the former Navy Base. Monitoring wells were observed on and adjacent to the property. The northwestern portion of Tract 35 is currently used by Charleston Water Systems as a materials storage yard. The southern portion of Tract 35 is developed with several structures that are overgrown with vegetation and did not appear to be in use. Tidal waters and dense vegetation limited our review of the property. The structures were not entered because of their dilapidated condition, vegetative cover, standing water, and because permission from FLETC was not obtained after several attempts.

Additional information obtained through interviews regarding the monitoring wells and past use of the property is included in Section 4.2 and Section 6.4 of this report.

Tract 36

Omitted.

Tract 37

Tract 37 (469-00-00-006) is owned by Charleston County. S&ME conducted a site reconnaissance on November 3, 2010. We were briefly accompanied by Mr. Brad Mitchell, Assistant County Attorney, Mr. Jay Ferrette, Charleston County Public Works, and Mr. Larry Phinney, SCDOT. The property is located at 1801 Shipyard Creek Road. It is developed with a former incinerator facility that is currently being demolished. The facility is approximately 21 years old.

At the request of the property owner, the site visit was limited to the areas to be obtained by the SCDOT. This includes a strip of land along the northern border of the tax parcel and a strip of land along the eastern border of the tax parcel.

The northern strip of land is currently undeveloped. The eastern portion of this area is the driveway from Shipyard Creek Road and a parking area. The western portion of

this area is wooded and potentially wetlands. A pond was observed on the northeastern corner of the property.

The eastern portion of the tax parcel is primarily wooded and overgrown. Just south of the pond at the corner of the property is an open area. Surficial staining was observed in this area. The former ash pond is located south of the staging area. What appeared to be an abandoned monitoring well was observed on the west side of the ash pond. A pipe from the incinerator to the navy base intended to pipe steam was observed south of the ash pond. Portions of the pipe have been removed.

A large AST formerly used to store heating oil for the incinerator was observed south of the property the DOT is considering. The tank appeared to be empty and had concrete secondary containment. Two storage buildings were located near the heating oil AST. One of the buildings contained a tote, drums, and 5-gallon buckets. The tote was marked with a black shipping placard 3265. Two of the drums were marked used oil and several of the 5-gallon buckets were labeled as hydraulic oil. One drum was observed in the other building. The demolition contractor also has a diesel fuel AST for the onsite equipment.

ConGlobal, a container repair yard, operates on the northern adjoining property. This property is SCDOT Tract 38. Shipyard Creek forms a portion of the eastern property boundary. Charleston Water System has a maintenance area to the northeast on naval base land. The eastern adjoining property is SCDOT Tract 35. Property south of the incinerator is part of the Macalloy Site. This land is part of SCDOT Tract 29 and Tract 33. A railroad forms the western property boundary. Residential land is further west.

Tracts 38

Tract 38 (TMS# 466-04-00-008) is owned by Carolina Maritime Company. S&ME conducted a site reconnaissance on November 3, 2010. We were accompanied by Marvin, a ConGlobal employee, who provided information on site activities. The SCDOT is considering the purchase of 3.19 acres of the 25.51-acre tax parcel. ConGlobal repairs container boxes, chassis, and flat racks on the property. Container boxes are empty when brought onsite.

The majority of Tract 38 is used for storing container boxes, chassis, and flat racks. Most repairs are conducted on the central portion of the property, which is off-site from the portion of the parcel SCDOT is considering. Paints, paint thinners, welding materials, tires, grease, oils, and parts washers were observed on the central portion of the property which is off-site from potential SCDOT property.

The SCDOT is considering the purchase of the southern and eastern borders of the tax parcel identified as Tract 38. A fence is located along the boundary of the parcel. The fence is overgrown with vegetation. Mounds of what appeared to be concrete block and rubble covered in vegetation were observed on the southeastern corner of the property. Concrete debris was observed along the majority of the fence line.

Five ASTs were observed on the eastern side of the parcel adjacent to potential SCDOT property. A diesel and an unleaded gas AST were observed with a concrete secondary containment structure. A pipe from the diesel tank appeared to go underground. Soil was stained and there was no vegetation in this area. A hydraulic oil and an engine oil AST were observed inside a container box used as secondary containment. Several open five gallon buckets of oil were observed in this area. The containment was failing. Stained soil and stressed vegetation were observed in this area. Separate petroleum staining was also observed in the drive path near the oil ASTs. An additional AST with no secondary containment was observed in this area. The site representative indicated the tank was empty and out of use. He stated he thought the tank was used to store kerosene before he started working with the company.

The largest structure on Tract 38 appears to be adjacent to potential SCDOT property. The northern portion of the building was previously used as a blast pit. The area is now used for storage. The ground surface is covered with spent blasting materials. Mounds of the spent blasting materials are on the eastern side of the building and possibly on potential SCDOT property. Electrical equipment, a compressor, a silo, and a drum were observed in this area. A compressor room is also located on the eastern side of the building. The room was completely full of equipment covered with petroleum gunk.

The southern portion of this building is used as a work area. Tires, drums, gas cylinders, and 5-gallon buckets of paint were observed in and around this area. To the southeast of the largest structure, a container box converted into a restroom connected to public utility was observed. Pole-mounted transformers were observed near the restroom container.

The northern adjoining property is undeveloped. The eastern adjoining property is used by Charleston Water System as a maintenance storage area. The former Charleston County incinerator is located on the southern adjoining property.

Tract 39

Tract 39 (TMS# 466-04-00-007) is owned by Carolina Maritime Company. S&ME conducted a site reconnaissance of the 3.93 acres Tract on November 3, 2010. We were accompanied by Marvin, a ConGlobal employee, who provided information on site activities.

Tract 39 is fenced. Most of the fence was overgrown with vegetation. Concrete debris, pallets, and other rubble were observed along the fence line. ConGlobal office space is located along Shipyard Creek Road on this property. Several box containers used for storage are located near the office building. A restroom is located in the office building that is connected to public utility. Pole-mounted transformers were also observed on this property.

ConGlobal repairs chassis on this property. The majority of repair work takes place on the central portion of this property. Numerous drums and buckets of paints, paint

thinners, and oil and grease, welding materials, two parts washers, and tires were observed. Stained concrete and soils were observed in and around the garage area.

The northern adjoining property is used as a city park and is part of the former TriState Landfill. A railroad forms the eastern property boundary. ConGlobal, Tract38 is further east. Shipyard Creek Road forms the southern property boundary. Liquid Culture is further south. Spruill Avenue forms the western property boundary. Vacant property, previously leased by Maxim Crane and Big Daddy Dredge, is located further west.

Tract 40

Tract 40 (TMS# 466-04-00-013) is owned by the City of North Charleston. This assessment included 0.14-acre of the 9.32 acres tract. S&ME conducted a site reconnaissance on October 26, 2010. The property is developed with a park. The portion of the property SCDOT is considering for purchase is maintained grass and a chain link fence that parallel Spruill Avenue. The property is part of the former TriState Landfill that was closed in the 1960s prior to regulations.

The northern adjoining property is developed with Concrete Coring Company, 2664 Spruill Avenue. Eason Diving and Marine Contractors, 2668 Spruill Avenue, and Charleston Steel and Metal Company, 2700 Spruill Avenue, are located further north. The eastern adjoining property which is part of the same tax parcel is the city park. A railroad is east of the park. Con Global Industries is located east of the railroad and on the southern adjoining property. Spruill Avenue forms the western property boundary. Eason Diving, 2665 and 2667 Spruill Avenue, and container storage/parking areas are located on the western adjoining property.

Tract 41 and Tract 48

Tract 41 (TMS# 466-03-00-161) and Tract 48 (TMS# 466-03-00-164) are owned by Cross Atlantic LLC. The property includes 0.26-acre of the 1.72 acres Tract 41 and 0.03-acre of the 0.46-acre Tract 48. These parcels are currently undeveloped. They are leased to a stevedore training company. The property is fenced. A sidewalk parallels Spruill Avenue.

S&ME conducted a site reconnaissance on November 1, 2010. Debris including concrete and tires was observed on-site. A deep ditch containing water is present along the southern and eastern property boundaries, parallel to Stromboli Avenue and Spruill Avenue. Concrete debris was observed in these ditches. Thick vegetation covered portions of the fence line.

Monitoring wells were observed on the northern adjoining parcel, which is currently occupied by Eason Diving and Marine (2665 Spruill Avenue). Spruill Avenue forms the eastern property boundary. The City of North Charleston has a park that they indicated was part of the old TriState Landfill on the eastern adjoining property. Stromboli Avenue forms the southern adjoining property. Currently vacant land is further south. Debris including tires and concrete and a soil mound covered with

vegetation were observed on the off-site portions of the tax parcels to the west. The western adjoining tax parcel has also been identified as part of the TriState Landfill.

Tract 42

Tract 42 (TMS# 466-08-00-512) is owned by Carolina Maritime Company, Inc. The subject property is 0.32-acre of the 2.79 tax parcel. The property is currently not in use, but is up for rent.

S&ME conducted a site reconnaissance of the property on November 1, 2010. A chain link fence borders the property. What appear to be a private underground utility line, possibly water, and pole mounted lights were observed on the property inside of the fence line. A sidewalk parallels Spruill Avenue on the outside of the fence. A small dry ditch is located on the property outside of the fence parallel to Stromboli Avenue.

No structures are located on DOT property. The ground cover is grass, asphalt, and concrete. No staining or dumping were observed on site.

The northern property boundary is formed by Stromboli Avenue. Property leased for stevedore training is further north. Spruill Avenue forms the eastern property boundary. ConGlobal and Liquid Culture operate on the eastern adjoining property. The remainder of the tax parcel forms portions of the southern and western adjoining property. Residential development is further south. SSA Cooper operates on the western adjoining property.

Tract 43

Tract 43 (TMS # 466-08-00-456) is owned by Carolina Stevedoring Company, Inc. The subject property is 1.67 acres located at 1950 Stromboli Avenue.

S&ME conducted a site reconnaissance on November 11, 2010. We were accompanied by Mr. Ray Taylor, Site Manager for SSA Cooper. The property is used as a repair shop and storage yard for a stevedoring business. Three buildings are located on the property. Two are used for storage and one is used as office space and a gear shop. The buildings are approximately 40 years old, constructed of metal on concrete, and are single story.

The facility is listed on the SCDHEC UST database as Facility ID# 01325. The location of these tanks was not observed on Tract 43 during the site visit.

The buildings use modern HVAC and natural gas. Floor drains were observed in the restrooms. Currently, the property is connected to municipal sanitary sewer. However, past wastewater disposal is unknown and possibly a septic tank.

An oil water separator is located on the south side of the shop. This area is used for washing equipment. Two drums of cleaner were observed in an exterior closet at the wash area. A plastic drum marked used antifreeze was observed beside a propane tank at the corner of the building.

A diesel and a gas aboveground storage tank with secondary containment were observed on the southern portion of the site. Two portable AST with built in secondary containment were also observed onsite.

Drums, buckets, small containers, and an AST were observed inside the gear shop. Materials were typical of a shop and included oils, used oils, solvents, lubricants, transmission fluids, and antifreeze. Minor staining was observed on the floor in the shop. Batteries and a parts washer are also located in the shop. A private contractor disposes of the hazardous and non-hazardous wastes.

A hydraulic lift with floor mounted electric-hydraulic auto lifts was observed in one bay of the shop.

Stromboli Avenue forms the northern property boundary. A container storage yard identified as SCDOT Tract 44 is further north. The eastern and southern adjoining property is currently vacant and identified as SCDOT Tract 42. Central Transport currently operates on the western adjoining property and is identified as SCDOT Tract 45.

Tract 44

Tract 44 (TMS# 466-03-00-166) is owned by Southeastern Container Services. This assessment included 0.37-acre of the 8.42 acres. The property is currently leased to a trucking company. The property is part of the former TriState Landfill that was closed in the 1960s prior to regulations.

S&ME conducted a site reconnaissance on November 1, 2010. The site is a narrow strip of land parallel to Stromboli Avenue. A deep ditch containing water was observed along the roadway. Concrete debris is present in the ditch. A fence covered with thick vegetation is located beside the ditch.

Some type of sewer control was observed near the entry gate of the property. A PVC pipe, plastic cover, and control are part of the system. Debris including tires and concrete are located on the property. A mound of garbage consisting of metal, furniture, household wastes, an air filter, and other debris is located near the eastern corner of the property.

The facility is listed on the SCDHEC UST database as Facility ID# 01325. The location of the tanks was not observed during the reconnaissance.

Truck chassis are stored on the northern end of the tax parcel. The eastern adjoining property is undeveloped land currently used as stevedore training. The southern property boundary is formed by Stromboli Avenue. CC South and SSA Cooper currently operate on the southern adjoining properties. The western adjoining property is part of the former navy supply store (GEX), currently leased by a trucking company that repairs containers.

Tract 45

Tract 45 (TMS # 466-08-00-455) is owned by Central Transport, Inc. The subject property is 2.02 acres located at 1923 Stromboli Avenue.

S&ME conducted a site reconnaissance on November 11, 2010. We were accompanied by Mr. Joe Warren, Terminal Manager for Central Transport. He has worked at the facility for seven years. The property is used as a trucking terminal warehouse. One building is located on the property and is used for offices and warehouse. The single story building is over 50 years old and constructed of metal on concrete with a crawl space.

The building has modern HVAC and natural gas heat. Past heating systems are unknown. The building has floor drains in the restrooms. Currently, wastewater is disposed into the municipal sanitary sewer system. A septic tank was previously located onsite. Mr. Warren indicated it had been removed.

The majority of the warehouse space was not being used. A metal plate was observed in the concrete floor of the building. Its purpose is unknown. Several unlabeled empty drums were also observed.

The majority of the property was a gravel parking lot. A few trucks were docked at the warehouse but the majority of the lot was empty. Minor surface staining was observed on the gravel from traffic.

The facility is listed on the SCDHEC UST database as Facility ID# 16835. The location of the tank was not observed on Tract 45 during the site visit.

Stromboli Avenue forms the northern property boundary. Trucking companies currently operate on property to the north and include SCDOT Tract 44 and Tract 47. SSA Cooper, formerly Carolina Stevedoring, is located on the eastern adjoining property and identified as SCDOT Tract 43. A vacant lot is located to the south. Column Street forms the western property boundary. AT&T is located on the western adjoining property and is identified as SCDOT Tract 46.

Tract 46

Tract 46 (TMS# 466-08-00-453) is owned by William Butt. Mr. Butt currently leases the property to AT&T. The structures were built for Bell South, a previous tenant. The property address is 2600 Meeting Street Road.

The subject property is 3.9 acres. S&ME conducted a site reconnaissance on November 4, 2010. We were accompanied by Jeff McIntire with Jones Lang LaSalle, a sub to AT&T. The property is currently used by AT&T as dispatch offices, an auto shop, and storage. The office engineer, Andrew Jur has been at the facility for 10 years. He was unaware of any environmental concerns on the property.

Six buildings constructed in the late 1950s-early 1960s are on the property. The main building, located on the western portion of the property fronting Meeting Street Road, is used as office space. The building is heated with HVAC using electric and natural gas. The age of the heating system is unknown. Water and sewer services are provided by municipal utility. There are two carport structures, an auto shop, and two storage buildings east of the office building.

The property is fenced. Materials are stored on the eastern portion of the site in an orderly manner. Portable empty ASTs and portable generators are kept at the facility in the parking area. Stormwater drains were observed in the pavement on the property. A strip of patched asphalt was observed from the back of the office building to the carport.

The facility is listed on the SCDHEC UST database as Facility ID# 01536. An area of concrete was observed in the middle of the site. This may have been a former UST pit. Steve Howell, AT&T personnel at the auto shop for 33 years, thought he remembered USTs in this area. The property owner thought there were gasoline USTs located between the main office building and the carports that were removed in the 1970s or 1980s before AT&T leased the property. Evidence of several closed monitoring wells was observed on-site.

The auto shop is located in the center of the site along the southern property boundary. The shop previously contained a wash bay. A closed drain was observed in the floor of this area. The shop currently has floor mounted electric-hydraulic auto lifts. Various oils and solvents typical of an auto shop were neatly stored in designated areas in drums, small containers, a used oil AST, and a parts washer.

The supervisor's storage area is located east of the auto shop along the southern property line. The building was locked and inaccessible at the time of our reconnaissance. Mr. Howell indicated the area is used for miscellaneous storage. He was unaware of any hazardous substances or petroleum products in the supervisor's storage area. An LP gas cylinder storage area was observed adjacent to the supervisor storage building.

The other storage building is located east of the supervisor's storage building along the southern property boundary. This area was neat and well kept.

Six pole-mounted transformers were observed on-site. The transformers were in good condition, and no evidence of leaks was noted.

The northern adjoining property is developed with the former navy exchange building. The property is currently used by a transportation company and is identified by the SCDOT as Tract 47. Column Street forms the eastern property boundary. The eastern adjoining property is developed with Central Transportation and identified by the SCDOT as Tract 45. Flexi-Van Leasing currently operates on the southern adjoining property at 2580 Meeting Street Road. Meeting Street Road forms the western property

boundary just south of its intersection with Carner Avenue. Property across Meeting Street Road is currently vacant. This property was historically as a junk yard.

Tract 47

Tract 47 (TMS# 466-03-00-048) is owned by Container Land Associates. The subject property is 1.21 acres of the 14.85 acres parcel located at 2650 Carner Avenue.

S&ME conducted a site reconnaissance of the property on November 1, 2010. The subject property is primarily a paved strip of land adjacent to GEX, the former navy supply store. Two abandoned monitoring wells were observed onsite.

The former GEX navy supply store which currently is leased to a trucking company and used for container repair forms the northern property boundary. A gasoline station operated on the northern portion of the tax parcel. The eastern adjoining property is the former TriState Landfill. AT&T is located on the southern adjoining property. Carver Avenue, at its intersection with Meeting Street Road, forms the western property boundary. A North Charleston Fire Station is located across Carver Avenue. A junk yard was previously located on property west of the site.

The facility is listed on the SCDHEC UST database as Facility ID# 15926. The location of the tanks was not observed on the portion of the tract reviewed as part of the SCDOT property.

Tract 49

Tract 49 (TMS# 466-03-00-160) is owned by Eason Leasing Company, Inc. The subject property is 0.03-acre of the tax parcel located at 2665 Spruill Avenue. The site is listed on the SCDHEC UST database as Facility ID# 15025.

S&ME conducted a site reconnaissance on December 2, 2010. The property is a strip of land parallel to Spruill Avenue. The land is an asphalt paved fenced storage area. A sidewalk parallels Spruill Avenue. No structures are located on the proposed SCDOT right-of-way. An empty AST and other materials used by Eason Diving are stored on the property. Four monitoring wells were observed on or near the property.

Tract 50

Tract 50 (TMS# 466-03-00-159) is owned by 2667 Spruill Ave, LLC. The subject property is 0.03-acre of the 1.23 acre tract located at 2667 Spruill Avenue.

S&ME conducted a site reconnaissance on November 19, 2010. The property is a strip of land parallel to Spruill Avenue. The land is an asphalt paved parking lot with access drives to Spruill Avenue. A sidewalk parallels Spruill Avenue. No structures are located on the proposed SCDOT right-of-way.

C&J Pantry is located on the northern adjoining property and is identified as SCDOT Tract 53. Spruill Avenue forms the eastern property boundary. Eason Diving, SCDOT Tract 52, and a crane rental company, SCDOT Tract 51, currently operate on the

eastern adjoining property. Eason Diving, SCDOT Tract 50, is located on the southern adjoining property. A gas station previously operated on this parcel. The remainder of the tax parcel is west of the SCDOT proposed right-of-way. Currently, the property is leased to a wood worker and a painter. A trucking company uses the land further west.

Tract 51

Tract 51 (TMS# 466-04-00-015) is owned by Allyson Gregory. The subject property is 0.03-acre of the 1.23 acres tract located at 2664 Spruill Avenue.

S&ME conducted a site reconnaissance on November 19, 2010. The property is a strip of land parallel to Spruill Avenue. The land is used storing equipment for the crane rental business that operates on the tax parcel. An empty plastic portable tank, trailers, a trash dumpster, and vehicles were stored in the fenced area on the subject property. One trailer had a small portable AST that appeared to be used for fuel. A back flow preventer and a small open manhole were observed near the fence. A sidewalk parallels Spruill Avenue. No structures are located on the proposed SCDOT right-of-way.

Eason Diving and Marine Contractors is located on the northern adjoining property and is identified as SCDOT Tract 52. The City of North Charleston currently owns the adjoining property to the east and south. The land is used as a park and is identified as SCDOT Tract 40. Spruill Avenue forms the western property boundary. Eason Diving, SCDOT Tract 49, and Radekopf Associates, SCDOT Tract 50, are located on the western adjoining properties.

Tract 52

Tract 52 (TMS# 466-04-00-012) is owned by Eason Holding Company, Inc. The subject property is 0.03-acre tax parcel located at 2668 Spruill Avenue.

S&ME conducted a site reconnaissance on December 2, 2010. The property is a strip of land parallel to Spruill Avenue. The land is an asphalt paved and grass fenced parking and storage area. A sidewalk parallels Spruill Avenue. No structures are located on the proposed SCDOT right-of-way. Two locked container boxes used for storage by Eason Diving were observed on the property.

Tract 53

Tract 53 (TMS# 466-03-00-158) is owned by Clara and James Milton. The subject property is 0.13-acre tract located at 2669 Spruill Avenue.

S&ME conducted a site reconnaissance on November 29, 2010. The property is developed as a restaurant and bar. The area behind the bar is fenced. A covered patio is in the back. A fire pit area was observed on the northeastern corner of the lot. Previously a residential trailer was also located in the back. All that remains of the trailer is the frame. The water supply and what appears to be the sewer pipe are still visible.

The Fish Hut is currently located on the northern adjoining property, Tract 54. Spruill Avenue forms the eastern property boundary. Charleston Steel is located on the eastern adjoining property, Tract 55. A woodworker and a painter currently lease the property to the south, Tract 50. The former TriState Landfill is located on the western adjoining property, Tract 44.

Tract 54

Tract 54 (TMS# 466-03-00-157) is owned by HLM and Associates, LP. The subject property is 0.03-acre of the 1.22 acres tract located at 2671 Spruill Avenue.

S&ME conducted a site reconnaissance on November 15, 2010. The property is a strip of land that is parallel to Spruill Avenue and is currently leased to the Fish Hut. The land is used for parking. Remnants of flooring from previous structures and paved driveway are present in the parking area. A sidewalk also parallels Spruill Avenue.

Mims Amusement Company (offices and maintenance facility) is located on the northern adjoining property and is a portion of SCDOT Tract 56. Spruill Avenue forms the eastern property boundary. Charleston Steel is located on the eastern adjoining property and is a portion of SCDOT Tract 55. C&J Pantry is located on the southern adjoining property and is a portion of SCDOT Tract 53. The Fish Hut is located on the subject tax parcel to the west. Residential development is further west.

Tract 55

Tract 55 (TMS #466-04-00-005) is owned by Mims Amusement Company. The subject property is 0.06-acre of the tax parcel located at 2700 Spruill Avenue.

S&ME conducted a site reconnaissance on November 15, 2010. The property is a strip of land parallel to Spruill Avenue and is currently leased to Charleston Steel & Metal Company. The land is used for parking, as a landscape buffer, and as a break area for employees. The break area is under a covered patio portion of the building. This area was fenced and not accessible during the site visit. A sidewalk also parallels Spruill Avenue.

The northern and eastern property adjoining the SCDOT proposed right-of-way is part of Charleston Steel. Eason Diving and Marine is located on the southern adjoining property and is a portion of SCDOT Tract 52. Spruill Avenue forms the western property boundary. The Fish Hut and Mims Amusement are located on the western adjoining property and are identified by the SCDOT as Tract 54 and Tract 56, respectively.

Tract 56

Tract 56 (TMS# 466-03-00-156) is owned by MLM and Associates, LP. The subject property is 0.03-acre of the 1.23 acres tract located at 2681 Spruill Avenue.

S&ME conducted a site reconnaissance on November 15, 2010. The property is a strip of land parallel to Spruill Avenue. The land is used for parking and as a landscape buffer in a brick planter. A sidewalk also parallels Spruill Avenue.

Jacksonville Road forms the northern property boundary. The northern adjoining property is developed with private residences. Spruill Avenue forms the eastern property boundary. Charleston Steel currently operates on the eastern adjoining property and is a portion of SCDOT Tract 55. The Fish Hut is located on the southern adjoining property and is part of SCDOT Tract 54. Mims Amusement Company is located on the western adjoining property of the SCDOT proposed right-of-way. They conduct technical repairs to equipment and maintain office space in the facility.

Tract 57

Tract 57 (TMS# 466-08-00-421) is owned by 2533 Spruill Avenue, LLC and located at 2533 Spruill Avenue. S&ME conducted a site reconnaissance on November 19, 2010 and was accompanied by Sharon Relford. The property is 0.08-acre currently used as a storage building. The site is developed with a single story block building that is approximately 1000 square feet. The building was filled with office furniture and files. Indications of past heating practices were not observed. No floor drains were observed in the building.

The northern adjoining property is currently vacant and is identified by the SCDOT as Tract 42. Spruill Avenue forms the eastern property boundary. The Liquid Culture warehouse is located on the eastern adjoining property and is identified as SCDOT Tract 58. Hampton Avenue forms the southern property boundary. A vacant cement block building and residential properties are located on the southern adjoining land. Residential property is to the west.

Tract 58

Tract 58 (TMS# 466-08-00-499) is owned by Spadaro Holdings I, LLC. The subject property is 0.16-acre of the 1.48 acre tract located at 2532 Spruill Avenue.

S&ME conducted a site reconnaissance on November 15, 2010. The property is a strip of land parallel to Spruill Avenue and a strip of land parallel to Shipyard Creek Road. The land along Spruill Avenue is an asphalt paved driveway and parking area in close proximity to the warehouse structure on the parent tax parcel. A sidewalk also parallels Spruill Avenue. The land along Shipyard Creek Road near its intersection with Spruill Avenue is also paved with asphalt and in close proximity to the northern wall of the warehouse structure. The area east of the structure is fenced and used for storage. The fenced area was not accessible at the time of the site visit; however, the property was observed through the chain link fence. Further east along Shipyard Creek Road, the property is overgrown. Some debris including tires and drink containers were observed in the vegetation.

A warehouse structure is located on the remainder of the tax parcel that is not part of the proposed SCDOT right-of-way. Shipyard Creek Road forms the northern property

boundary. ConGlobal is located on the northern adjoining property and is a portion of SCDOT Tract 36. A railroad and storm water ditch were observed along the eastern property boundary. The former county incinerator, Tract 37, is located further east. Hampton Avenue forms the southern property boundary. Private residences are further south. Spruill Avenue forms the western property boundary. Vacant land, Tract 42, and a private residence, Tract 57, are located on the western adjoining property.

Tract 59

Tract 59 (TMS# 466-00-00-062) is owned by Paper Stock Dealers Inc. The subject property reviewed is 141 square feet of the 5.07-acre tax parcel located at 2025 Tellico Road. S&ME conducted a site reconnaissance on December 16, 2010. The property is used by a company that bails paper and plastics for recycling. No structures are located on the portion of the property that is the proposed SCDOT right-of-way. Two above ground storage tanks were observed at the corner of the building on the off-site portion of the tax parcel. The tanks were in secondary containment. However, staining was observed around the tanks on the ground surface.

The corner of the recycling company's fence is located on the SCDOT property. A small trailer was parked on-site. The ground surface is covered with grass and a gravel drive. Paper was littered throughout the site.

Macalloy property, Tract 29 and Tract 31, is located to the north and west. PSC Container Service currently operates on the eastern and southern adjoining property.

Tract 60

Tract 60 (TMS# 466-04-00-009) is owned by the Estate of Caroline S Alston et al. The subject property is 0.02-acre of the 5.5 acres tax parcel located on Naval Air Base Road.

S&ME conducted a site reconnaissance on December 16, 2010. The property is fenced. It was reviewed from Bainbridge Avenue and the gravel drive that forms the eastern property boundary. The land is covered with grass and appears to be marshland.

Bainbridge Avenue forms the northern property boundary. The naval base is further north. Former navy property, Tract 35, is also located to the east. Conglobal, Tract 38, is on the southern adjoining property. The remainder of the tax parcel is to the west. A railroad forms the western boundary of the tax parcel. Charleston Steel is further west.

Tract 62

Tract 62 (TMS# 466-03-00-002) is owned by McDew LLC. The subject property is 0.01-acre of the tax parcel located at 2635 Carner Avenue.

S&ME conducted a site reconnaissance on December 16, 2010. The proposed SCDOT property is currently not in use. The site was fenced. It was observed from Meeting Street Road. The land is covered with grass. Several large palm trees that appeared

ready to move (roots gathered in a bag) were observed on the tax parcel, east of the proposed right-of-way.

The northern, eastern, and southern adjoining land is part of the same tax parcel and is currently not in use. Land further north is residential. Carner Avenue and the former GEX building, Tract 47, are further east. Vacant land and a North Charleston Fire Station are further south. Meeting Street Road forms the western property boundary. Vacant land, Tract 63, is west of the parcel.

Tract 63

Tract 63 (TMS# 469-00-00-005) is owned by Calvary AME Church. The subject property is 0.04-acre of the 0.41-acre tax parcel located on Meeting Street Road.

S&ME conducted a site reconnaissance on November 12, 2010. The proposed SCDOT property is currently not in use. The entire site was covered with thick vegetation. Mounds were observed on the property. The contents of the mounds were not clear because of the thick vegetation. Concrete debirs was also observed onsite.

Undeveloped land is located to the north and south on the remainder of the tax parcel that is not part of the proposed SCDOT right-of-way. Meeting Street Road forms the western property boundary. Property currently used for tractor trailer parking is further east. A railroad forms the western property boundary. A warehouse currently used by a scrap metal buyer is further west.

Tract 64

Omitted.

Tract 67

Tract 67 (TMS# 466-07-00-001) is owned by Calvary AME Church. The subject property is 0.02-acre of the 1.19 acres located at 2413 Meeting Street Road.

S&ME conducted a site reconnaissance on November 12, 2010. The proposed SCDOT property is currently not in use. An abandoned railroad track was observed on-site. The ground surface was predominately barren with sparse vegetation. Some small concrete debris was observed throughout the property.

Undeveloped land is located to the north on the remainder of the tax parcel that is not part of the proposed SCDOT right-of-way. An overpass of Interstate 26 entrance and exit ramps forms the southern property boundary. Currently undeveloped land is further south. A railroad, King Street Extension, and another railroad form the western property boundary. Rhodia (The Albright & Wilson Chemical Plant) is located further west and is part of SCDOT Tract 4A and Tract 4B. Ashley II of Charleston owns the property west of Interstate 26 that is part of the Magnolia VCC and identified as SCDOT Tract 1.

Tract 69
City of North Charleston Street and no new right of way is being acquired.

5.4 Interior Observations
Interior observations are discussed in Section 5.3.

6. INTERVIEWS

6.1 Interview with Past and Present Owners
Tract 1 and Tract 66
S&ME interviewed Mr. Stuart Coleman, property owner representative, on November 23, 2010. Mr. Coleman indicated the property is currently vacant land. His company purchased the property from Roper Hospital in 2004. There are currently no structures on the property. It has been vacant for decades. Working housing for the Virginia Carolina fertilizer plant was previously in the area or on the property.

The property is part of a CERCLIS site. Exxon Mobil is the responsible party. The monitoring wells on the property are sampled by Arcadis. Mike Norman at the EPA is project manager for the site.

There is lots of contamination in the area from fertilizer plants. Wando Phosphate Company was previously located on the property currently developed with apartments east of Tract 1. Swift fertilizer plant was previously located on the Baker Hospital site. Three plants were located to the southwest on Rhodia property: Imperial Fertilizer on the northern portion, Stono Phosphate on the central portion, and Naco Fertilizer on the southern portion.

Tract 2
S&ME interviewed Mr. James Padgett, property owner, on November 12, 2010. Mr. Padgett indicated the property is used by an international trucking company. He was unsure of how long he has owned the property. The land was used as container storage when it was purchased. There are mobile office buildings on the northern portion of the property that are connected to municipal water and sewer service. He was unaware of any environmental concerns on site or nearby. There are no hazardous or non-hazardous wastes on the property other than what may be in the containers.

Tract 3
Mr. Paul Wilson was interviewed via telephone on October 28, 2010 (918.743.4300). He indicated S&ME conducted a Phase I ESA for Twenty First Properties, Inc. in September 1999 prior to their purchase. The property is currently leased and controlled by the tenant. The tenant uses the property for warehouse distribution. The property was previously owned by Fritz Companies, Inc. and used for export distribution.

The property is developed with one warehouse structure. The building is constructed of concrete panels, one story, and approximately 120,000 square feet. Mr. Wilson estimated the building was constructed in the 1970s. The portion of the building used

as office space is heated and cooled with package units. The warehouse area is heated with gas fired heaters. He is unaware of any other heating system previously used. There are no floor drains, sumps, or elevators in the building.

The property is provided potable water from the City of North Charleston. Wastewater is disposed into an on-site septic tank. The septic tank and leach field is located in the grassy area off the northwest corner of the building near the office space. No wells are located on the property.

Mr. Wilson indicated there are no underground storage tanks on the property. There are no environmental liens or activity use limitations on the property. He is unaware of any on-site or nearby environmental concerns.

The property is controlled by the tenant; therefore, Mr. Wilson is unaware if there are any hazardous substances, petroleum products, drums, above ground storage tanks, or PCBs on-site.

Tract 4, 4A, 4B, 4C, and 4D
S&ME interviewed Mr. Jeffrey Lang of Rhodia on January 19, 2011. Mr. Lang stated files on the property are publically available. The site is under RCRA corrective action and has been under investigation for over a decade. He stated there is a gypsum pile located in the area of the proposed right-of-way.

Mr. Lang stated a Corrective Measures Study was completed and submitted to SCDHEC within the last six months. The report identifies SWMU and AOC on the property. He also stated he did not believe the gypsum stack is captured under RCRA because of the mining waste exclusion.

Tract 5 and Tract 68
S&ME interviewed Mr. Stuart Coleman, property owner representative, on November 23, 2010. Mr. Coleman indicated the property is vacant land referred to as the VanNess Tract. He was unaware of previous use of the land.

The property is part of a VCC. Angela Gorman at SCDHEC is the project manager for the site. Mr. Coleman stated he thought there may be a restriction on the property for no residential development per the VCC. Monitoring wells have been on the property in the past, but he was unsure of their current status.

Mr. Coleman stated LTC, a trucking company, is located on the western adjoining property. He was unaware if they had any environmental issues. Chicora fertilizer plant was previously located at the Dolphin Cove Marina west of the property. Mr. Colman thought worker housing was located between Chicora and the property. Naco Fertilizer was previously located on the northern adjoining property.

Tract 6 and Tract 7
Requests for interview of the property owner were declined by the property owner's attorney Mr. Rick Bybee.

Tract 8
We have been unable to interview Mr. Jeffery Lang of Rhodia concerning this property.

Tract 9, Tract 10, and Tract 11
S&ME interviewed Mr. Bill Byars, property owner representative, on November 18, 2010. He indicated the property is currently leased to Anchor Sign. A warehouse and office structure are present on the property his family owns in the area. He was unaware which buildings were on the properties in question.

He had no idea when the property was purchased, but knew it had been in his family for a long period of time. He was aware the property was previously used by Professional Carpet and Southern Chemical.

Mr. Byars indicated he was not conversant with the property or the area of the property. He was handling the estate of his uncle. Mr. Byars indicated Hank Chevis with Anchor Sign would have more information as to how the property is used.

Tract 12, Tract 14, Tract 15, Tract 16, Tract 17, and Tract 18
Requests for interview of the property owner were declined by the property owner's attorney Mr. Rick Bybee.

Tract 13
The SCDOT requested S&ME not to contact the property owner.

Tract 19
S&ME interviewed Mr. Howard Sherman, property owner, on November 26, 2010. Mr. Sherman indicated he had owned the property for 40 years. It is raw land that fronts the interstate. It has no use. There are no structures on the property. He is unaware of any environmental concerns on the property or in the area.

Tract 20
S&ME interviewed Mr. Robert T. Hudgens, property owner, on November 2, 2010. The property is used as a machine shop. He purchased the business in 1989 and the land in 1998. There are four buildings on the property. The heated buildings use modern HVAC systems, electric and natural gas. No floor drains are located in the buildings. Water and sewer services are provided by the municipality.

Drums and ASTs store used oils, cutting oils, and motor oils. Hazardous wastes are disposed by a private company. He was unaware of any underground storage tanks on the property.

Mr. Hudgens indicated he thought the property was previously used as a lumber yard, possibly Charleston Plywood and Lumber, and residential land. He was unaware of any environmental concerns on the property or nearby.

Tract 21
S&ME interviewed Ms. Laurie Kornahrens, property owner, on November 21, 2010. The property is currently used as a private residence. She has owned the property since 2007. One single story block building approximately 900 square feet that was constructed in the 1940s is located on the property. The building is connected to municipal water and an on-site septic tank. Currently, the structure is heated with central heating and air. Ms. Kornahrens was unaware of previous heating systems but thought it may have been natural gas. She was unaware of any environmental concerns on the property or nearby.

Tract 22
S&ME interviewed Mr. Frederick Fabian, property owner, on October 20, 2010. The property is vacant land that has been in his family for generations. There are no structures on the site. He does not remember structures ever being on the property. There is a concrete slab near the power line. He was unsure of want it is or why it is on the property.

Mr. Fabian was unaware of any environmental concerns on the property. He indicated the entire neck area of Charleston has environmental issues from past use.

Tract 23
S&ME interviewed Ms. Gitta Wombwell, property owner representative, on October 20, 2010. The property is currently not in use. Two buildings are on the property, but are off-site from the land SCDOT is interested in. The buildings are currently not in use. Ms. Wombwell purchased the property in 2005 or 2006. She is unaware of any prior use of the property. Ms. Wombwell was unaware of any environmental concerns on the property or nearby.

Tract 24
S&ME interviewed Mr. Bill Aldret, property owner, on November 16, 2010. Mr. Aldret indicated the property is currently vacant. He purchased the property in 1981. There was a shell of a building on the property at that time. He was aware that there was a filling (retail petroleum) station on the property at one time, but it was abandoned when he purchased the property. He has never had any tanks removed or any environmental assessment conducted on the property. He operated a seafood market on the property.

Mr. Aldret is not aware if there were any underground storage tanks or monitoring wells currently on the property. He indicated he was not aware of any environmental concerns on the property or nearby.

Tract 25
S&ME interviewed Mr. Rayford Avant, property owner, on December 10, 2010. His company, Hydraulic Equipment Service, currently uses the property as a shop, office space, and storage. Mr. Avant purchased the property approximately 25 years ago. It was Baldwin Brothers when he purchased and he just kept the name of the business the same. The two story structure located on the property is about 60 years old. Currently the building has electric HVAC and natural gas heaters. Mr. Avant was unaware of any past heating systems. He stated the property was previously used as a motorcycle dealership.

Mr. Avant indicated there are no floor drains on the property. He stores small amounts of hydraulic and motor oils, solvents, and cleaners for his business. A used oil AST is located on-site. A private contractor picks up used oil, batteries, and any other materials that need disposal. The building is connected to municipal water and sewer service. Mr. Avant was unaware of any environmental concerns on-site or nearby.

Tract 26
S&ME interviewed Mr. Rick Snyder, property owner, on October 28, 1020. His company, Plantation Painters, currently uses the building as office and storage space for painting and woodworking storage area. There is one single story cement block 1000 square feet structure and an outbuilding on the property. Mr. Snyder indicated the building has a central heating and air conditioning system. He is unaware of any past heating systems. The building is connected to municipal water and sewer.

Mr. Snyder purchased the property in 2004. He was aware the building was previously used by a company that made and sold ice. A roofing contractor used the building before the ice company.

Plantation Painters previously generated hazardous waste. Mr. Snyder indicated his company would collect paint chips in 55-gallon drums that were suspected to contain lead based paint. A company out of Walterboro would pick up the drums when they were called. He indicated that it has been at least two years since that have had any lead based paint chips that needed disposal.

Mr. Snyder was unaware of any environmental concerns on the property or nearby.

Tract 27
Requests for interview of the property owner were declined by the property owner's attorney Mr. Rick Bybee.

Tract 28 and Tract 61
S&ME interviewed Mr. Michael Jennings, property owner, on October 28, 2010. He purchased the property in 1995. Mr. Jennings indicated he rents the property to a truck repair shop. The current tenants have leased the property for approximately three years. The previous tenants also conducted truck repair. Kelley Equipment Rental was located on the property at the time of purchase.

One metal 5,000 square feet structure and one mobile office building are located on the property. Mr. Jennings indicated he thought there may be a window unit used for heat and cooling, but he was unaware of any previous heating systems. The building is connected to municipal water and sewer.

Mr. Jennings was unaware of any environmental concerns; however, he currently rents the property. It is used as a truck repair shop, and he is unaware of their practices.

Tract 29, 31, 32, 33, and 65
Requests for interview of the property owner were declined by the property owner's attorney Mr. Rick Bybee.

Tract 30
S&ME interviewed Mr. Perry Gaskins of Santee Cooper on October 25, 2010. The property is used as a overhead power transmission line. It was purchased in 1989. Mr. Gaskins was not knowledgeable about environmental concerns on the property.

Tract 34
S&ME interviewed Mr. Ben Morgan with the South Carolina State Ports Authority on December 7, 2010. The property was purchased in 2007. It is currently not in use. The land is part of the former Navy Base and is near a former landfill area known as SWMU #9. Mr. Morgan indicated there may be monitoring wells on the property associated with the landfill.

Mr. Morgan indicated there could be environmental concerns on the property in regard to the former Navy Base. He stated Activity and Use Limitations may be recorded on the deed.

Tact 35 and70
S&ME interviewed Mr. David Criswell on November 29, 2010. Mr. Criswell indicated the Navy does not control this land. The property is in the footprint of SWMU #9. It is a monitored closed landfill. He indicated a dig permit would be required to drill on this property. Mr. Criswell stated to contact Melissa Shearer in Environmental Health and Safety with the Federal Law Enforcement Training Center.

Tact 37
S&ME interviewed Mr. Robert Lawing with Charleston County Environmental Management on November 10, 2010. The property was used as the County incinerator. Currently, the former plant, which is approximately 21 years old, is being demolished. The property was purchased in the 1980s by Charleston County from Seaboard Coastline Railroad. Mr. Lawing was unsure of past use of the property. It was undeveloped when purchased.

Mr. Lawing was not fully knowledgeable of the facility's history or current condition. The facility was built as a waste to energy plant. It was last operated by Montenay and

ceased operations about December 2009. He did not know if there have been any underground storage tanks at the site but he revealed there may have been a fuel release, possible from the large AST north of the plant building. He suggested we review SCDHEC files for environmental information.

During the site reconnaissance on November 10, 2010, Mr. Jay Ferrette of Charleston County Public Works said there had been military housing in the surrounding area in years past. He thought it was possible old underground utilities such as sewer or storm drainage may be present on the property.

Tract 38 and Tract 39
S&ME interviewed Ms. Mary Ann Bagwell, property owner representative, on October 28, 2010. Ms. Bagwell indicated she did not know anything about the property other than it has been leased to ConGlobal, a container company, for twenty years or more. She has never been on the property. She is unaware if there are environmental concerns on the property.

Tract 40
S&ME interviewed Mr. Ray Anderson of the City of North Charleston on October 22, 2010. Mr. Anderson indicated the property was purchased in the 1970s. It is currently used as a park. The land was previously used as a county landfill. He was unaware of any other environmental concerns. Mr. Anderson stated there was a container storage business and Eason's Dive Shop nearby.

Tract 41 and Tract 48
S&ME interviewed Anthony Rhodes, property owner representative, on October 28, 2010. Mr. Rhodes indicated he purchased the property as virgin land in the late 1990s. The land is currently leased to a stevedore training company. Mr. Rhodes stated there was a landfill on the property to the west but that he was unaware of the landfill being on these properties.

Tract 42
S&ME interviewed Ms. Mary Ann Bagwell, property owner representative, on October 28, 2010. She indicated the property is currently not in use. It is up for rent. There is a chain link fence, a mobile trailer, and a large metal building on the property. There are no heating systems that she is aware of in the buildings.

Ms. Bagwell indicated the property was leased to Maxim Crane for at least twenty years. More recently, Big Daddy Dredge leased the property. They sublet the property which was a breach of contract. There have been some issues with storm water on the property, but she thinks the problems have all been settled. She was not fully aware of past practices of previous tenants.

Tract 43
S&ME interviewed Ray Taylor of SSA Cooper during the site reconnaissance on November 11, 2010. SSA Cooper is a stevedoring business that uses the property as a

shop and for storage. Mr. Taylor was unsure when the property was purchased. He has worked there since approximately 1983.

There are three metal structures constructed in the 1970s on the property. They use modern HVAC with natural gas as a heating source. He was unaware of past heating systems. Floor drains are only in the restrooms. An oil water separator is located in the wash area. Water supply and wastewater disposal are provided by the municipality.

The business uses various oils, lubricants and solvents. A diesel and gas above ground storage tank are located south of the shop building. There are propane tanks and several portable ASTs for off-site use.

Mr. Taylor was unaware of any underground storage tanks ever being on the property. He stated the property was once part of the adjoining property to the east and the tanks may have been on that parcel. He was unaware of any environmental concerns on the property or nearby.

Tract 44
S&ME interviewed Mr. Anthony Rhodes, property owner representative, on October 28, 2010. Mr. Rhodes indicated S&ME previously conducted a Phase I ESA and test pits on the property. The property was historically used as a municipal landfill. Currently, he leases the property to a trucking company. There are no structures on the property. He is unaware of any other environmental concerns on the property or nearby.

Tract 45
S&ME interviewed Mr. Joe Warren, Central Transport Terminal Manager, on November 11, 2010. The property is used as a trucking terminal and warehouse. One single story metal structure that uses modern HVAC with natural gas is on the property. Floor drains are located in the restrooms only. The building is currently connected to municipal water and sewer. A septic tank was removed from the property when it was connected to public sanitary sewer service.

The property was previously used by Cooper Motor Lines. A dirt horse and auto racetrack was also once on the property. Non hazardous wastes are disposed through a private contractor.

Mr. Warren has worked at the site for about seven years. He is unaware of any underground storage tanks ever being on the property. He is not aware of any environmental concerns on the property or nearby.

Tract 46
S&ME interviewed Mr. William Butt, property owner, on November 11, 2010. Mr. Butt indicated the property is currently used by AT&T. The facility was built for Bell South in the late 1950s or early 1960s. He indicated the property has been in his family since 1957. He inherited the property.

The structures that have heating/cooling systems use modern HVAC with electric and natural gas. Past heating sources are unknown. Mr. Butt was not aware of heating oil tanks or septic systems. Floor drains were previously located in the wash bay area of the auto shop. Water supply and wastewater disposal are provided by the municipality.

Mr. Butt stated he thought a gasoline underground storage tank or tanks were removed from the area between the main office building and the carports in the 1970s or 1980s before it became AT&T.

Tract 47

S&ME interviewed Mr. Anthony Rhodes, property owner representative, on October 28, 2010. Mr. Rhodes indicated the property was constructed as a department store for the Navy. He purchased the property from Joe Griffith in the 1980s. Mr. Rhodes used the property to repair shipping containers. He sold the business in 1995 but kept the property. Currently, the property is leased to a trucking company.

One single story 130,000 square feet structure constructed in the 1960s with block walls and a concrete roof is located on the property. Currently there is a heat pump for the office space in the building. The warehouse area is not heated. Mr. Rhodes stated he had a large heating and air system torn out. He never saw fuel tanks, just lots of power connections. Floor drains are located in the building but he was unsure if they were connected to city sewer or not. He indicated there is a lift station for sanitary sewer on the property. The building is connected to municipal water and sewer.

Mr. Rhodes indicated he was unaware of any underground storage tanks located on the property. There was a gasoline tank on the north side of the building he stopped using and had tested in the 1980s. He was unaware of any wells on the property. He indicated S&ME previously conducted an environmental report on the property. There is a landfill on the eastern adjoining property. He was unaware of any environmental concerns on the property.

Tract 49

S&ME interviewed Mr. Thomas Eason, property owner, on November 23, 2010. Mr. Eason indicated the property was part of the footprint of a former gas station. Monitoring wells are located on the property. Someone recently visited the property to do something to the wells. He did not know if they were installing wells or sampling them. He thought the tanks were removed from the ground before he purchased the property. Mr. Eason was unaware of any environmental liens or activity use limitations on the property, but stated there could be something through the SUPERB program. Mr. Eason also stated the property and surrounding area was previously part of a landfill.

Mr. Eason stated the structure on the property is not heated. It is a warehouse used for storage. There are no floor drains. There is a septic tank on the property and the

building is connected to city water, both are rarely used. One empty mobile AST is currently stored on the property.

Tract 50
S&ME interviewed Mr. Chris Maloney, property owner representative, on November 19, 2010. Mr. Maloney stated he currently leases the property to a woodworker and a painter. The building is vacant and he is currently trying to lease the space.

Mr. Maloney purchased the property approximately five years ago. He had a Phase I and Phase II ESA conducted prior to purchase. A gas station previously operated on the adjoining property to the south. He indicated the gas station was never on the subject property. Mr. Maloney's knowledge of the findings of the Phase II was that the results came back ok for the bank to lend. He indicated no one has asked to install monitoring wells on his property as part of the assessment of the gas station. The Phase I assessment also revealed the neighborhood was previously used as a dump.

There are two structures on the property. One is approximately 40 to 50 years old and constructed of block. The other building is a new metal and block structure. The property is connected to municipal water and uses a septic tank. There is a floor drain in the new structure that drains to the outside, not the septic system. He indicated the painter uses paint thinners, but other than that he was unaware of any hazardous substances or petroleum products on the property.

Tract 51
S&ME interviewed Mr. Allyson Gregory, property owner, on November 18, 2010. Mr. Gregory stated he purchased the property in the early 1980s. He operates a crane rental business from the property. A mechanical contractor used the property before his purchase. He constructed two metal pole buildings. One is heated with a heat pump. There are no floor drains. The property is connected to city water and uses an onsite septic tank. Public sanitary sewer was not available to the property when the buildings were constructed in the early 1980s. Mr. Gregory indicated the property is part of the landfill that that is now the city park to the east and south.

Tract 52
S&ME interviewed Mr. Thomas Eason, property owner, on November 23, 2010. Mr. Eason indicated he runs a commercial diving business on the property. Buildings are used as office space and a shop. He purchased the property in the early 1980s and constructed the buildings after purchase. The buildings use electric heat pumps. There are no floor drains. A septic tank was used on the property until the mid 1990s. Mr. Eason could not remember if the tank was removed or filled in place. Currently the buildings use municipal water and sewer service.

Mr. Eason is unaware of any USTs on the property. Two 300 gallon mobile skid mounted ASTs, one diesel and one gasoline, are stored on asphalt on the property. A 6,000 gallon water tank is behind the building and is used for training divers.

Currently, no hazardous or non-hazardous wastes are generated from the property. Mr. Eason indicated he previously stored waste oily water and diesel fuel in two 10,000 gallon ASTs from work on Navy ships. He stated the tanks were stored on slabs behind the buildings.

Mr. Eason indicated the whole area was previously a dump. He is having some settlement issues with his building because of the landfill.

Tract 53
S&ME interviewed Mr. James Milton, property owner, on November 29, 2010. He stated the property is currently used as a restaurant and bar. Mr. Milton purchased the property in 1996. He thought the building was previously used as a whiskey store. The building is currently heated with natural gas. He had no knowledge of past heating practices. Mr. Milton stated the property is connected to city water and has an onsite septic tank. He was unaware of any environmental concerns on the property or nearby.

Tract 54
S&ME interviewed Ms. Debbie Walker, property owner representative, on November 11, 2010. She stated this property is currently leased to the Fish Hut. The property was purchased in 1960. There is a trailer onsite that is connected to public water and sewer. There have been structures on the property in the past that were used as bars. Ms. Walker has no knowledge of the heating systems. She thinks the buildings were removed in the early 1990s. She is unaware of any environmental concerns on the property or nearby.

Tract 55
S&ME interviewed Ms. Debbie Walker, property owner representative, on November 11, 2010. Ms. Walker stated the property was purchased in the 1960s. She indicated this property has been leased to Charleston Steel and Metal for approximately four years. The original building was constructed in the early 1970s. It is a cement block structure approximately 2,500-3,000 square feet and operated as a bar, Amvets for many years.

Ms. Walker indicated Charleston Steel constructed several new structures on the property. They had problems with the fill on the property and the new buildings were constructed on pylons. She recommended contacting Charleston Steel for information on the property.

Tract 56
S&ME interviewed Ms. Debbie Walker, property owner representative, on November 11, 2010. Ms. Walker stated the property was purchased in 1967. Mims Amusement currently uses the building as office space and a technical repair shop. The building was used as the Navy finance office when purchased.

Ms. Walker indicated a single story brick building is located on the property that has gas heat. There are floor drains in the building that are connected to sewer. They

currently use public water and sewer. She was not aware of past wastewater practices. When asked about hydraulic lifts, Ms. Walker indicated they install hydraulic lifts on trucks. She was not aware of any in the shop. She also stated she was not aware of a parts washer in the shop.

Tract 57
S&ME interviewed Mr. Loren Ziff, property owner representative, on November 18, 2010. He indicated the property was purchased about five years ago. It is currently used for storage. Mr. Ziff indicated the property was historically used as a church.

One single story block building that is approximately 1,000 square feet is located on the property. Mr. Ziff stated he thinks the building has a modern HVAC system. They currently use a dehumidifier in the summer. The building is connected to municipal water a sewer. Mr. Ziff was unaware of any environmental concerns on the property.

Tract 58
S&ME interviewed Mr. Carlyle Blakeney, property owner representative, on November 11, 2010. Mr. Blakeney indicated the building is used as warehouse storage and distribution of fine wine and fireplace components. The portion of the property the SCDOT is acquiring is used as parking and is not fenced. The property was purchased in 2006. The single concrete block building approximately 25,000 square feet was previously used by Liquid Culture. Mr. Blakeney was not sure how the building was heated, but thought it may be natural gas. He was unaware of any environmental concerns on the property or nearby.

Tract 59
S&ME interviewed Mr. Tim Nesbit, property owner representative, on December 16, 2010. Mr. Nesbit stated the property is currently used to collect and bail waste paper and plastics for recycling. The company purchases the property approximately 3 years ago. One 28,000 square feet metal warehouse is located on the property. The office space is heated with an electric heat pump. The warehouse portion of the building is not heated. There are drains located on the loading docks that are connected to the storm sewer. No floor drains are located in the building. Water and wastewater service are provided by the municipality.

Mr. Nesbit indicated the property was previously part of the Macalloy Superfund Site. He indicated he was aware of chromium contamination in the soils at Macalloy. Monitoring wells connected to the Macalloy assessment are located on the property.

Two above ground storage tanks are located on the property. Both are 200 gallon tanks in secondary containment. One stores diesel fuel and one stores gasoline. Mr. Nesbit was unaware of any environmental concerns on the property or in the area other than Macalloy.

Tract 60
The SCDOT requested S&ME not to contact the property owner.

Tract 62
The SCDOT requested S&ME not to contact the property owner.

Tract 63 and Tract 67
S&ME attempted to contact Reverend Edward McClain on numerous occasions. At the time of this report, we were unable to conduct an interview.

6.2 Interview with Key Site Manager

Except as noted below, the manager of the property is the owner. Interview information from the owners is included in Section 6.1.

Tract 8
S&ME interviewed Ms. Colleen Carducci with the City of Charleston on November 4, 2010. Ms. Carducci stated the property is leased to the City by owners connected to Rhodia. She stated she thought the lease was $1/year. She was unaware of past use of the property. Ms. Carducci stated nearby environmental concerns include the Hall II site and Ashley II property.

Tract 9, Tract 10, and Tract 11
Requests for interview of the key site manager and occupant were declined by the property owner's attorney Mr. Rick Bybee.

Tract 28 and Tract 61
The owner, Mr. Jennings, accompanied on the site visit and requested us to use discretion as to why we were doing an assessment. A gentleman was working at the shop during the site reconnaissance. His name and position were not revealed. He indicated he had worked at the facility for about three years. He was unaware of any underground storage tanks on the property. He was unaware of the purpose of the manholes at the front of the building or the steel/concrete plates at the side of the building. He had no knowledge of past operations on the property. He indicated there were previously floor drains in the bays but they filled them with concrete. He was unaware of where the trough drains located beside the building drain. Private contractors routinely pickup petroleum products, solvents, and batteries. He was unaware of the contents of the rusted drum observed beside the outdoor truck bay. He stated he thought the drum was there when the moved in to the facility.

Tract 35 and 70
S&ME attempted to contact Ms. Melissa Shearer with FLETC on several occasions with no response.

Tract 37
The site manager of the demolition company currently working on Tract 37 was not interviewed.

Tract 38 and 39
The owner indicated we should contact Mr. Bobby Reynolds of ConGlobal for access to the property. Mr. Reynolds directed us to Ms. Deniese Brown, the Administrative Services Manager. Ms. Brown had Marvin walk us through the property and address any questions we had about our observations. Questions were limited because the property owner asked for us to use discretion as to why we were there doing an assessment. Marvin stated he had only worked at the property for one year. He did not have any knowledge about past operations on the property. He was not aware of any underground storage tanks on the property.

Tract 41 and Tract 48
The site manager of the stevedore training company that leases Tract 41 was not interviewed.

Tract 44
The manager of the trucking company that leases Tract 44 was not interviewed.

Tract 46
Mr. Steve Howell, AT&T personnel at the auto shop for 33 years, provided some information during our site reconnaissance on November 4, 2010. Mr. Howell indicated he thought there was a former UST system in the middle of the site. He also stated a floor drain was previously located in the former wash bay of the auto shop.

Mr. Andrew Jur, the office engineer, has been at the property for ten years. He was not aware of any environmental concerns on the property.

Tract 47
The site manager of the trucking company that leases Tract 47 was not interviewed.

Tract 55
S&ME interviewed Mr. Berry Wolf of Charleston Steel on November 11, 2010. Mr. Wolf indicated Charleston Steel has leased the property for approximately three years. The facility processes ferrous and non-ferrous metals. They operate a scrapyard and recycling business. The portion of the property the SCDOT is acquiring is used as parking, an outside break area for employees, and a landscape buffer. The break area is part of the patio of the building that was previously the Amvet bar.

Mr. Wolf stated there were no underground storage tanks on the property. He has above ground storage tanks of on and off- road diesel fuel and oxygen on the property. He was unaware of any environmental concerns on the property or nearby and specifically stated Charleston Steel has not caused any environmental problems.

Tract 57
Ms. Sharon Relford of East Rock Properties accompanied S&ME during the site reconnaissance of Tract 57. She stated the building was connected to public water and sewer, but currently water is turned off to the building. Ms. Relford stated the property

was rumored to be a gas station. She had no memory or direct knowledge if it were true or not.

6.3 Interview with Occupants

Except as noted below, occupants were either the owner or key site manger. Interview information from the owner and key site manager is included in Sections 6.1 and 6.2 of this report, respectively.

Tract 1 and Tract 66
There are no occupants on Tract 1 or Tract 66.

Tract 5 and Tract 68
There are no occupants on Tract 5 or Tract 68.

Tract 8
There are no occupants on Tract 8.

Tract 13
There are no occupants on Tract 13.

Tract 19
There are no occupants on Tract 19.

Tract 21
The tenant of the residence on Tract 21 was interviewed on November 1, 2010. The tenant stated he was unaware of any environmental concerns on the property. He stated the home had central heat and air conditioning and was connected to a septic tank. He was unaware of any underground storage tanks on the property.

Tract 22
There are no occupants on Tract 22.

Tract 23
There are no occupants on Tract 23.

Tract 24
There are no occupants on Tract 24.

Tract 30
There are no occupants on Tract 30.

Tract 37
Occupants of Tract 37 were not interviewed.

Tract 40
There are no occupants on Tract 40.

Tract 41 and Tract 48
Occupants of Tract 41 and Tract 48 were not interviewed.

Tract 42
There are no occupants on Tract 42.

Tract 44
Occupants of Tract 44 were not interviewed.

Tract 47
Occupants of Tract 47 were not interviewed.

Tract 50
Occupants of Tract 50 were not interviewed.

Tract 54
Occupants of Tract 54 were not interviewed.

Tract 57
There are no occupants on Tract 57.

Tract 58
Occupants of the building were not interviewed for Tract 58.

6.4 Interview with Local Government Officials

S&ME contacted Chief Kyle Minick of the City of North Charleston Fire Department on January 19, 2011 via email regarding fires, clandestine drug laboratories, and hazardous material emergency responses. On January 25, 2011, Chief Minick responded with an environmental study report. The report included numerous false alarm, unintentional, medical assistance, and fire calls in the area of the subject property. No hazardous material emergency response or clandestine drug laboratories were listed. Chemical spills and refrigeration leaks were reported, but addresses listed did not correspond to those of the subject property. A copy of the report is included in Appendix V.

S&ME interviewed Chief Frank Finley of the City of Charleston Fire Department on January 21, 2011 (864.720.1981) regarding fires, clandestine drug laboratories, and hazardous material emergency responses. Chief Finley has been with the department for 30 years. He stated the following on properties located within the City Limits.

- The department has responded to emergency release responses at the Rhodia plant. The plant has their own team, but the City responds when they need assistance or if a cloud moves off the property.

- He did not remember any responses to the Van Ness property. To his knowledge, it has always been vacant and wooded.
- He did not recall any responses to Southern Lumber other than small dust fires.
- Chief Finley did not recall any hazardous material responses to the property along Summerville Avenue. He stated they did respond to a fire at Anchor Sign several years ago. He is not aware of any clandestine drug labs in that area.

S&ME interviewed Mr. Joel Padgett, SCDHEC Bureau of Land and Waste Management- Underground Storage Tank Division, (803.896.6323) on December 10, 2010, January 4, 2011, and January 5, 2011. Mr. Padgett provided the following information.

- Silk Stockings by Amber (Facility ID 19206) - Mr. Padgett stated a release was reported in March 2006. An NFA was issued in November 2006. He said it looked like an IGWA was installed, there was no groundwater contamination above regulatory standards, and the well was abandoned.
- Carolina Shipping Company (Facility ID 01325) - Mr. Padgett stated a release was reported in August 1993. Levels of contamination in the soil were not high enough to warrant regulatory action. A Regulatory NFA was issued in July 1995.
- CC South (Facility ID 16835) - Mr. Padgett stated a tank was removed in November 1984. He said no release was reported. However, closure reports were not required until 1988.
- Southern Bell (Facility ID 01536) - Mr. Padgett stated a Conditional NFA was issued September 30, 2008. Nine monitoring wells were installed. Three are off-site on the northern adjoining property. A cost order was issued to abandon the wells, but no abandonment report has been received. The groundwater is flowing toward the northeast with a seepage velocity of 48 ft/yr. Worst case well contamination: benzene 6900 µg/L, toluene 5800 µg/L, ethylbenzene 2500 µg/L, xylenes 5200 µg/L, and naphthalene 1400 µg/L. Two 10,000 gallon gas tanks were removed from the property in December 1987.
- Intermodal Management (Facility ID 15926) - Mr. Padgett stated a release was reported in July 1996. An NFA was issued in January 1999. He said it was ranked 5B which indicates there was no groundwater contamination.
- Dan Beach (Facility ID 15025) - Mr. Padgett stated a Tier I has been completed on the property. A Tier II is in progress. The site has a low ranking and is waiting on funding. Eventually more work will be conducted at the site.
- Browning Ferris Industries (Facility ID 01477) - Mr. Padgett stated a Regulatory NFA was issued in July 1995 for this site.
- Hermann Warehouse SE (Facility ID 18621) - Mr. Padgett stated there were two releases at the facility. One release was reported in September 2005. An NFA was issued in February 2008 for this release. The other release was reported in

April 2006. An NFA was issued in February 2008 for this release. He did not have a map of this facility.

- Ruscon (Facility ID 01866) – Mr. Padgett stated there are four monitoring wells on the property for a release that was reported in 1989. The facility has a low ranking and is currently monitored. No additional investigation is underway. He stated it did not seem that contamination was migrating offsite.
- Navy Base Building 661 (Facility ID 14437) – Mr. Padgett stated two underground storage tanks were previously located at Building 661. Both tanks, a 4,000 and a 5,000 gallon, contained diesel fuel and were removed from the ground in February 1992. A Conditional NFA was issued in March 2008. Monitoring wells have been abandoned.

S&ME interviewed Ms. Stephanie Briney, SCDHEC Bureau of Land and Waste Management- Underground Storage Tank Division, (803.896.6323) on December 13, 2010. Ms. Briney provided the following information.

- Ruscon (Facility ID 01866) - Ms. Briney stated there is an ongoing active release at the facility that was reported in June 1989. Groundwater flows to the west.
- Browning Ferris Industries (Facility ID 01681) - Ms. Briney stated a release was reported in July 1985. Levels of contamination in the soil were not high enough to warrant regulatory action. A Regulatory NFA was issued in July 1985.
- J & G Properties (Facility ID 11584) - Ms. Briney stated an NFA was issued in February 1998. An IGWA was installed, concentrations were below the RBSLs, and the well was abandoned.
- Belcher Service Station (Facility ID 01672) - Ms. Briney stated an NFA was issued in January 2000. An IGWA well was installed and abandoned at the site.

S&ME interviewed Ms. Keisha Long, SCDHEC Bureau of Land and Waste Management- State Remediation Division, (803.896.4872) on January 20, 2011. Ms. Long provided the following information:

- Infinger Transportation (2111 Carner Avenue) – Ms. Long stated the property was previously a wood preserving facility. It is unknown if contamination has migrated off-site because it has not been assessed. VOCs are in the groundwater in a plume that is 300 by 600 feet in size. She stated the file did not state the groundwater flow direction. Her records document the latest activity in the file was in 2007.

During previous work in the area of Stromboli Avenue, S&ME interviewed Rich Richter (formerly with SCDHEC) regarding the Tri-State Landfill. Property in the area north of Stromboli Avenue was used as part of the Tri-State Landfill, which was used for domestic solid waste in the 1960s.

6.5 Interviews with Others

No other interviews were conducted for this report.

7. FINDINGS

7.1 On-Site Findings

Based on the historical document research, site reconnaissance, interviews and database search, the following findings are provided:

1. Tract 1 and Tract 66 are known as the Magnolia Property. The site is listed as Swift Agri-Chem Corporation on the Brownfields, VCP, Allsites, CERCLIS, SHWS, GWCI, and FINDS databases. A monitoring well was observed on the property during the site reconnaissance.

2. Tract 4, Tract 4A, Tract 4B, Tract 4C, and Tract 4D are part of the Rhodia Property. Rhodia is listed on the GWCI, LUST, UST, RCR, and Spills databases. This property was previously owned by Mobile Chemical. Mobile Chemical is listed on the GWCI, Corracts, Airs, CERC-NFRAP, SHWS, SSTS, RCRA-LQG, TRIS, and RCRA-TSDF databases. Tailings labeled as Plaster Disposal Area are shown on historical topographic maps.

3. Tract 5 and Tract 68 are known as the Van Ness Property. The site is listed as Van Ness Property VCC on the Brownfields, VCP, Allsites, and SHWS databases. Monitoring wells were observed on the property. .

4. Tract 6 is developed with Southern Lumber. Staining was observed around two above ground storage tanks on the property. A 1955 Sanborn Map shows a gas tank on the property.

5. City directory listings for 2001 Summerville Avenue (Tract 11) included Southern Chemical from 1970 to 2005 and Professional Carpet Sales from 1975 to 2009. Property ownership information indicated Southern Chemical previously owned Tract 9, Tract 10, and Tract 11.

6. A truck repair shop for Anchor Sign is located on Tract 15. Oils, lubricants, solvents, used oil, used oil filters, transmission fluids, a parts washer, batteries, a portable AST, and other materials typical of a repair shop were observed. City directory listing for 1913 Summerville Avenue (Tract 15) included a general contractor (1990), an acoustics and dry wall warehouse (1975 and 1980), and an unclaimed freight disposal company (1970).

7. A fire previously burned the building on Tract 16, Tract 17, and Tract 18. A used oil tote and a rusted drum with unknown contents were observed south of this building.

8. A machine shop has operated on Tract 20 since 1981. Stained soils were observed around a compressor near the welding shop and outside the building adjacent to the interstate. A rusted metal 55-gallon drum with unknown contents was observed behind the southern shop building. Drums and small containers of motor oils were observed in the shops.

9. EK SVC air conditioning contractors & systems was listed on Tract 21 in the 2009 city directory.

10. Tract 22 was previously used as an automobile junk yard. What appeared to be asphalt and soil mounds were pushed into piles against the tree line that forms the eastern property boundary. Some of the mounds were overgrown with vegetation and the contents could not be determined. The 1955 Sanborn Map indicated there may have been an auto shop on the property.

11. Tract 23 was historically developed with a store according to a 1955 Sanborn Map. Household debris including bottles, tires, and a small gasoline can were observed on the property.

12. Tract 24 was previously developed with a gasoline station. City directory listed Sharpton's Triangle Service Center on the property from 1968 to 1980. A filling (retail petroleum) station is shown on the property in a 1955 Sanborn Map. The facility is not listed in the EDR Report or on the SCDHEC UST database.

13. City directories indicate Tract 25 has been used as Baldwin Brothers (hydraulic equipment, auto parts, scooter, and motorcycles sales and service) since at least 1955.

14. A painting contractor, Plantation Painters, currently uses Tract 26. Paints and thinners are stored inside and out. Plantation Painters is listed on the RCRA-SQG database with no violations. Mr. Snyder stated the listing was from disposing of paint chips that contained lead based paint. Mr. Snyder was aware of past use of the property by a roofer and a company that made and sold ice. City directory listed a body shop on the property (1975-1990). A store is shown on the property in a 1955 Sanborn Map. Historical ownership indicated Atlantic Pest Control previously owned the property.

15. Tract 28 and Tract 61 are developed with a truck repair shop. Closed floor drains, trough drains, oils, lubricants, parts washers, oil water separator, batteries, drums, a tote, and an AST were observed. Steel or concrete plates were observed east of the building. They were not lifted. Their purpose is unknown. A large store is shown on the property in a 1955 Sanborn Map. City directory listings for the property, 2102 Meeting Street Road, include Jones Truck Service (2009), Road 1 (2009), BPK Construction Equipment Sales and

Service (1996 and 1985), Hertz Corporation (1975 and 1970), Livingston's Self Service food store (1961), and Triangle Service Center (1961).

16. Macalloy previously operated on Tracts 29, 30, 31, 32, 33, 59, and 65. The property identified as Macalloy Corporation in the EDR Report is listed on the Brownfields, SHWS, GWCI, Corracts, CERCLIS, US Eng Controls, US Inst Controls, RCRA-NonGen, NPL, ROD, RCRA-TSDR, VCP, Allsites, RCR, and LUST databases. Tailings labeled Ore Dump are shown on historical topographic maps on Tract 33. This facility produced ferrochromium which is used in the production of high quality stainless steel. High levels of metals including hexovalent chromium due to by-products and air emissions have impacted the site. Remedial strategies are being implemented under CERCLA for the site.

17. The Navy Base is listed on the CERCLIS, GWCI, CORRACTS, US ENG Controls, US Inst Controls, SHWS, RAATS, RCRA-TSDF, PADS, MANIFEST, RCRA-NonGen, and FINDS databases. Tract 34, Tract 35, and Tract 70 are part of SWMU 9 (a closed monitored landfill), SWMU 196 (previous storage area of solvents, paints, acid, and lubricant oil, a potassium chromate tank, and transformers), SCDHEC UST Facility ID# 14437, and AOC 654 (the former septic tank and drain field associated with Building 661) on the navy base.

18. The Charleston County incinerator previously operated on Tract 37. Petroleum products are used and stored onsite. The facility is listed on the AST and SWF/LF databases. Mr. Ferrette indicated it was possible old underground utilities such as sewer or storm drainage may be present on the property. A 1986 General Engineering Laboratories (GEL) Groundwater Assessment Report of the Charleston Resource Recovery Facility reported volatile organic compounds in the groundwater.

19. ConGlobal repairs container boxes, chassis, and flat racks on Tract 38. Mounds of what appeared to be concrete block and rubble covered in vegetation were observed on the southeastern corner of the property. Concrete debris was observed along the majority of the fence line. ConGlobal previously operated a blast pit on the property. The ground surface is covered with spent blasting materials. Mounds of the spent blasting materials are on the eastern side of the building and possibly on SCDOT property. Electrical equipment, a compressor, a silo, and a drum were observed in this area. A compressor room covered in petroleum slime is also located on the eastern side of the building.

20. ConGlobal repairs chassis on Tract 39. The majority of repair work takes place on the central portion of this property. Numerous drums and buckets of paints, paint thinners, and oil and grease, welding materials, two parts washers, and tires were observed. Stained concrete and soils were observed in and around the

maintenance area. The facility is listed on the RCRA-SQG database with no violations.

21. Debris including concrete and tires was observed on Tract 41 and Tract 48. A deep ditch containing water is present along the southern and eastern property boundaries, parallel to Stromboli Avenue and Spruill Avenue. Concrete debris was observed in these ditches.

22. Tract 43 is used as a repair shop and storage yard for a stevedoring business. An oil water separator is located on the south side of the shop. A diesel and a gas aboveground storage tank with secondary containment were observed on the southern portion of the site. Two portable AST with built in secondary containment were also observed onsite. Drums, buckets, small containers, and an AST were observed inside the gear shop. Materials were typical of a shop and included oils, used oils, solvents, lubricants, transmission fluids, and antifreeze. Minor staining was observed on the floor in the shop. A hydraulic lift was observed in one bay of the shop.

23. A deep ditch containing water was observed along Stromboli Avenue on Tract 44. Concrete debris is present in the ditch. A fence covered with thick vegetation is located beside the ditch. The facility is listed on the SCDHEC UST database as Facility ID# 01325. The previous location of the tank was not observed during the site reconnaissance.

24. Tract 45 is listed on the SCDHEC UST database as Facility ID# 16835. The location of the tank was not observed on Tract 45 during the site visit.

25. Tract 46 is currently used by AT&T as dispatch offices, an auto shop, and storage. Evidence of several closed monitoring wells was observed on-site. The auto shop is located in the center of the site along the southern property boundary. The shop previously contained a wash bay. A closed drain was observed in the floor of this area. Various oils and solvents typical of an auto shop were neatly stored in designated areas in drums, small containers, a used oil AST, and a parts washer. The facility is listed on the UST, LUST, and GWCI database as Facility ID# 01536.

26. Tract 47 is a paved strip of land adjacent to GEX, the former navy supply store. Two abandoned monitoring wells were observed onsite.

27. Tract 49 is listed on the UST, LUST, and GWCI database as Facility ID# 15025. Four monitoring wells were observed on the property. The facility is in the SUPERB program. Historical property ownership for Tract 49 and Tract 50 indicate previous ownership by petroleum companies.

28. City Directories list Jake's Stop grocery on Tract 53 from 1968 to 1990. The property owner indicated he thought the building was previously a liquor store.

29. Tract 57 was illustrated as a filling (retail petroleum) station on 1912, 1951, and 1955 Sanborn Maps.

30. Historical aerial photographs indicated Tract 62 was previously used as a junk yard.

31. Tract 63 was covered with thick vegetation. Mounds were observed on the property. The contents of the mounds were not clear because of the thick vegetation. Concrete debris was also observed onsite. The property was previously owned by several different fertilizer and chemical companies.

32. The former TriState landfill that was closed in the 1960s prior to regulations was located somewhere in the area between Jacksonville Avenue, the railroad, Hampton Avenue, and Carner Avenue/Meeting Street Road. Property owners for Tract 40, Tract 44, Tract 49, Tract 50, Tract 51, and Tract 52 indicated their property was part a former landfill. Three SWF/LF database listings (Charleston/Spruill Avenue Dump, Gaston Dump, and Charleston County Dump) were identified in the area of the property. No address information was given for the facilities.

33. Septic tanks were previously and are currently used on some of the tracts. Residential septic tanks do not typically pose a threat to the environment. However septic tanks contain and disperse any products that are disposed into drains. Septic tanks on properties that use petroleum products and solvents have the potential to contaminate the soil and groundwater if proper disposal practices are not followed.

34. Aerial and topographic maps reviewed as part of this assessment document the filling in of marshlands. Contents of the fill material are unknown. Portions of the subject property were, at one time, an estuarine environment open to tidal activity. Sources of industrial effluents dating back to the 1880s are numerous on the Charleston peninsula.

35. Historical ownership information was provided by the SCDOT on the Right of Way Agent's Worksheets and reviewed on the Charleston County website. Fertilizer and chemical companies owned and operated on portions of the subject property. Fertilizer production was prevalent in this area of the peninsula dating back to the 1800s. From the limited information reviewed, Tract 1, Tract 66, Tract 2, Tract 3, Tracts 4, 4A, 4B, 4C, and 4D, Tract 5, Tract 23 and Tract 63 were previously owned fertilizer and chemical companies.

36. Transformers were observed throughout the SCDOT proposed right-of-way property. Generally, the transformers were in good condition and no releases were observed. Underground and overhead utility lines and storm water drainage pipes traverse the site.

7.2 Off-Site Findings

1. The EDR database showed 98 listings, some of which were located on the subject property and are discussed in Section 7.1. Others were observed on off-site surrounding properties. The off-site listings deemed to represent a potential environmental concern to the property are discussed below; the remaining listings are deemed not to pose a threat to the subject property.

2. Silk Stockings by Amber is located on the tax parcel of Tract 23, south of the proposed DOT right-of-way. The facility listed on the SCDHEC UST and LUST databases as Facility ID# 19206. Debris that appeared to be contractor wastes including paint cans, plastic, plywood, and calk, was observed behind this building. A 1955 Sanborn Map shown several buildings on this property. One is a restaurant, one is a filing station, one is a store, two are dwellings, one is labeled auto express, and one is not labeled. Silk Stockings by Amber Entertainers (2005), Triangle Restaurant (1990), Sharpton's JB Liquor Store (1980 and 1975), Dix Ollian Retail Liquor Store (1970 and 1968), and Carolina Security Patrol Service (1970) were listed in city directories on Tract 23 at 2103 Meeting Street Road. Structured Wiring & Electric and The Doll Housewere listed at 2045 Meeting Street Road on the property in city directories from 2005 and 1990, respectively.

3. ConGlobal repairs container boxes, chassis, and flat racks on Tract 38. Paints, paint thinners, welding materials, tires, grease, oils, and parts washers were observed on the central portion of the property which is off-site of the proposed right-of-way. A diesel, an unleaded gas, a hydraulic oil, an engine oil, and an empty (previously kerosene) ASTs were observed adjacent to SCDOT property. Some piping appeared to go underground. Soil was stained and there was no vegetation around some of the ASTs.

4. Tract 47 is listed on the SCDHEC UST and LUST databases as Facility ID# 15926. Armour Oil is listed on the property in the 1975, 1970, and 1968 city directories. The GEX was listed on the property in 1970 and 1975 city directories. The GEX Paint Department was listed in the 1970 and 1975. The GEX Laundry & Cleaners was listed in the 1968 directory. Starting in the 1980s the property was used in conjunction with Tract 44 as a truck container and warehouse facility. Tract 47 was used as a warehouse and container truck repair shop. Past industrial activities conducted at the site include the storage, repair, and painting of shipping containers and truck chassis.

5. Eason Diving is located on the off-site portion of Tract 52. The facility is listed on the RCRA-NonGen database with no violations.

6. Mims Amusement repairs equipment on the off-site portion of Tract 56. The facility is listed as South Atlantic Amusements on the RCRA-NonGen database with no violations.

7. A junk yard was previously located on the property northwest of Tract 46 and Tract 47.

8. A butane gas tank is shown on the 1912 Sanborn Map west of the intersection of Meeting Street Road at Hampden Avenue.

9. A 1939 Sanborn Map illustrated the northwest corner of the intersection of Disher Street and King Street Extension as Riverside Iron Works. A machine shop and pattern shop are shown on the property.

10. A 1939 and 1955 Sanborn Maps illustrated an auto junk yard on the southwest corner of the intersection of Disher Street and King Street Extension. A building labeled used auto parts and a dwelling were also located on this property in 1939. A small structure labeled junk storage is shown on the 1955 map. The property is currently used by Sea Port Mechanical, a truck repair shop.

11. Maloney Fertilizer was shown on the eastern/northeastern adjoining property of Tract 2 and Tract 3, on the northwestern corner of the intersection of Union Street and King Street Extension, on a 1940 and 1955 Sanborn Map.

12. A drycleaner was illustrated on a 1951 Sanborn Map in the northeast corner of the intersection of Corona Street and Riverview Avenue.

13. A bottling plant is shown northeast of the intersection of Disher Avenue and Summerville Avenue.

14. A filling (retail petroleum) station was shown on a 1955 Sanborn Map directly across Meeting Street Road from Disher Avenue.

15. B.L. Montegue & Co. is illustrated on the 1955 Sanborn Map north of Azelia Drive at its intersection with King Street Extension. A fabrication area and machine shop are shown on the property.

16. A filling (retail petroleum) station previously operated on Tract 67, north of the proposed DOT right-of-way. The northern portion of property was also used for auto repair and a scrap yard. City Directory lists Al's Auto Service Repairs in 1970. Sanborn Maps depict two auto repair shops on the property.

17. Ruscon Corp Prop is listed on the GWCI, LUST, UST, and FINDS databases. The facility is located on the northern adjoining property of Tract 2.

18. Browning Ferris Industries was previously located east of Tract 11 and Tract 12. The facility is listed on the UST database as Facility ID #01477 and Facility ID

#01681. Trident Services Incorporated is listed at the same address on the RCRA-NonGen database with no violations.

19. J&G Properties, Inc is listed at 2038 Meeting Street Road. This facility is the southern adjoining property to Tract 61. The facility is listed on the LUST and UST databases. Jennings Body Shop is also listed at this address on the RCRA-CESQG and FINDS databases. Several RCRA violations are listed with compliance achieved in 2003. Coach Craft Bodyworks, an automobile repair shop, is located on the southern adjoining property of Tract 61.

20. Belcher Service Station is listed at 2502 Spruill Avenue on the LUST, UST, and FINDS databases. The facility is located approximately 400 feet south of Tract 58.

21. Infinger Transportation Company is listed at 2811 Carner Avenue on the Brownfields, SHWS, GWCI, RCRA-NonGen, FINDS, VCP, RCR, and Allsites databases. The facility is located approximately 800 feet northwest of the subject property.

22. Excel Apparatus Services, General Electric Company, and Besco Facility are listed at 2490 Debonair Street. This facility is located approximately 1000 feet south of the subject property. Excel Apparatus appears on the UST and FTTS databases. General Electric Company is listed on the UST, RCRA-NonGen, and PADS databases. Besco Facility is listed on the Brownfields and SHWS databases.

23. Chicora Tank Farm is listed at 2960 Carner Avenue on the Brownfield and SHWS databases. The facility is approximately 1000 feet from Tract 56 and Tract 62.

24. Flexi-Van Leasing operates on the southern adjoining property of Tract 46 at 2580 Meeting Street Road.

25. Phosphate plants, chemical companies, bulk oil terminals, and the Navy Base have operated on and around the subject property since the 1800s.

8. OPINION

8.1 On-Site Opinions

1. Tract 1 and Tract 66 have historically been owned/used by fertilizer companies. The property is identified on the on the Brownfields, VCP, Allsites, CERCLIS, SHWS, GWCI, and FINDS databases as Swift Agri-Chem Corporation. The regulatory status and historical property use of Tract 1 and Tract 66 are considered a *recognized environmental condition*.

2. Tract 4, Tract 4A, Tract 4B, Tract 4C, and Tract 4D property has historically been owned/used by Rhodia and Mobile Chemical Company. Rhodia is listed on the GWCI, LUST, UST, RCR, and Spills databases. Mobile Chemical Company is listed on the GWCI, Corracts, ARIS, CERC-NFRAP, SHWS, SSTS, RCRA-LQG, TRIS, and RCRA TSDF databases. The regulatory status and historical property use of Tract 4, Tract 4A, Tract 4B, Tract 4C, and Tract 4D are considered a *recognized environmental condition.*

3. Tract 5 and Tract 68 property has historically been owned by fertilizer companies. The site is part of the Van Ness Sign & Leasing Site that is listed on the Brownfield, VCP, SHWS, and Allsites databases. The regulatory status and historical property use of Tract 5 and Tract 68 are considered a *recognized environmental condition.*

4. The historical presence of a gas tank on Tract 6 is considered a *recognized environmental condition* based on the potential for a release. Staining was observed around the above ground storage tanks during the site reconnaissance. The staining is *de minimis* and not considered a *recognized environmental condition.*

5. The past operation of Southern Chemical and Professional Carpet Sales on Tract 11 and the historical ownership of Tract 9, Tract 10, and Tract 11 by Southern Chemical are considered a *recognized environmental condition* because chemical use and past practices of these companies are unknown.

6. The truck repair shop on Tract 15 is not considered a *recognized environmental condition* because no floor drains were observed and materials were stored in a neat and orderly manner.

7. The used oil tote and a rusted drum with unknown contents on Tract 16, Tract 17, and Tract 18 are not considered a *recognized environmental condition* because no evidence of a release was observed. However both should be disposed properly.

8. The historical land use as a machine shop is and the stained soils observed during the site reconnaissance are considered a *recognized environmental condition* because past practices of petroleum products and hazardous substances are unknown. The rusted metal 55-gallon drum with unknown contents behind the southern shop building should be disposed properly.

9. The city directory listing of Tract 21 as EK SVC air conditioning contractors & systems is not considered a *recognized environmental condition* because during the site reconnaissance the property was occupied by a private residence. No evidence of petroleum products or hazardous materials was observed on the property.

10. The previous land use as an automobile junk yard, observed mounds, and historical auto shop on Tract 22 are considered a *recognized environmental condition* because past practices of petroleum products and hazardous substances are unknown.

11. The historical land use as a store and minimal debris observed on Tract 23 is not considered a *recognized environmental condition* because no evidence of petroleum products, underground storage tanks, or staining was observed.

12. The historical property use of Tract 24 as a gasoline station is considered a *recognized environmental condition* because of the potential for underground storage tanks and dispensing lines to leak petroleum products into the soil and groundwater.

13. The historical property use of Tract 25 as a repair shop since at least 1955 is considered a *recognized environmental condition* because past use and practices of petroleum products is unknown.

14. The database listing as a RCRA-SQG and use by a painting contractor is not considered a *recognized environmental* condition on Tract 26 because no violations were reported. The paints and thinners should be disposed properly. The historical use of the property as a body shop from 1975 to 1990 and the historical property ownership by Atlantic Pest Control Company in 1960 is considered a *recognized environmental* condition because past use and practices of petroleum products and hazardous substances is unknown.

15. The historical property use of Tract 28 and Tract 61 as a truck repair shop with floor drains, trough drains, oils, lubricants, parts washers, and an oil water separator considered a *recognized environmental condition* because of the potential for a release of petroleum products and solvents on the property.

16. The historical land use by Macalloy and database listings for Tracts 29, 30, 31, 32, 33, 59, and 65 are considered a *recognized environmental condition* because of the known soil and groundwater contamination.

17. The historical land use of Tract 35 and Tract 70 as a landfill on the Navy Base, identified as SWMU 9, is considered a *recognized environmental condition* because of the known soil and groundwater contamination. SWMU 196 is also located on Tract 35. SWMU 196 is considered a *recognized environmental condition* because of the known soil and groundwater contamination. The former USTs associated with Building 661 on Tract 35 are considered a *recognized environmental condition* because according to Joel Padgett of DHEC, a Conditional NFA was issued in March 2008 with groundwater concentrations above RBSLs. AOC 654, the former septic and drain field associated with Building 661, is not considered a *recognized environmental*

condition because COCs were not identified though soil sampling and a NFA from SCDHEC in August 1997.

18. Historical land use of Tract 37 as the Charleston County incinerator and documented groundwater contamination is considered a *recognized environmental condition* because past practices of operation are unknown and the source of the contamination has not been confirmed.

19. The historical operation of a blast pit and the spent materials from the blasting on Tract 38 are considered a *recognized environmental condition* because of the potential for these materials to leach into the soil and groundwater.

20. The operation of chassis repair shop and stained soils on Tract 39 considered a *recognized environmental condition* because of the potential for a release of petroleum products and solvents on the property.

21. The debris observed on Tract 41 and Tract 48 is not considered a *recognized environmental condition* because no evidence of petroleum products or staining was observed.

22. The operation of a stevedoring repair shop and the oil water separator on Tract 43 is considered a *recognized environmental condition* because of the potential for a release of petroleum products and solvents on the property.

23. The listing of Tract 44 on the UST database is not considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, a Regulatory NFA was issued in July 1995. He stated levels of contamination in the soil were not high enough to warrant regulatory action. The debris observed on Tract 44 is not a *recognized environmental condition* because no evidence of petroleum products or staining was observed. The debris should be disposed properly.

24. The listing of Tract 45 on the UST database is considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, one tank was removed in November 1984 and closure reports were not required until 1988. The exact location of the tanks is unknown.

25. The listing of Tract 46 on the UST, LUST, and GWCI database is considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, a Conditional NFA was issued in September 2008 with groundwater concentrations of benzene, toluene, and ethylbenzene in the wells near the tank basin above RBSLs. The historical operation of the wash bay, the associated underground piping, and potential for an oil-water separator is considered a *recognized environmental condition* because past use and practices of petroleum products and solvents is unknown. The current use of the facility is not

considered a *recognized environmental condition* because materials were stored in an orderly manner and no evidence of a release was observed.

26. The abandoned monitoring wells on Tract 47 are associated with the release from the adjoining property to the south (Tract 46), according to Joel Padgett of DHEC. The abandoned monitoring wells are considered a *recognized environmental condition* because contaminant concentrations in this plume were above their RBSLs when the conditional NFA was issued in September 2008.

27. The listing of Tract 49 on the UST, LUST, and GWCI database is considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, additional investigation is in progress at the site. The site has a low ranking and is waiting on funding

28. City Directories list Jake's Stop grocery on Tract 53 from 1968 to 1990. Historically some grocery stores sold petroleum products. The property owner indicated he thought the building was previously a liquor store. The past use of Tract 53 is not considered a *recognized environmental condition* because no evidence that petroleum products were stored or sold on the property was revealed through interviews or the site reconnaissance.

29. The past use of Tract 57 as a filling (retail petroleum) station is considered a *recognized environmental condition* because of the potential for underground storage tanks and dispensing lines to leak petroleum products into the soil and groundwater.

30. The historical property use of Tract 62 as a junk yard is considered a *recognized environmental condition* because of the potential for a release of petroleum products or hazardous substances.

31. The fill material mounded on Tract 63 is not considered a *recognized environmental condition* because the limited amount observed. However, the debris should be removed and properly disposed.

32. The former TriState landfill closed in the 1960s prior to regulations. It was located somewhere in the area between Jacksonville Avenue, the railroad, Hampton Avenue, and Carner Avenue/Meeting Street Road. Property owners for Tract 40, Tract 44, Tract 49, Tract 50, Tract 51, and Tract 52 indicated their property was part a former landfill. Three SWF/LF database listings (Charleston/Spruill Avenue Dump, Gaston Dump, and Charleston County Dump) were identified in the area of the property. No address information was given for the facilities. The historical landfill is considered a *recognized environmental condition* because of the potential for contaminates to impact the soil and groundwater.

33. Septic tanks on residential properties are not considered a *recognized environmental* condition because household sanitary wastes and gray water do not typically pose a threat to the environment. Septic tanks on non-residential properties that use petroleum products, solvents, or hazardous substances or operate an oil water separator are considered *recognized environmental conditions* because of the potential for petroleum products or hazardous substances to enter the system and impact the soil and groundwater.

34. Aerial and topographic maps reviewed as part of this assessment document the filling in of marshlands. The fill is considered a *recognized environmental condition* because the source and content of the material are unknown.

35. From the limited information reviewed, Tract 1, Tract 66, Tract 2, Tract 3, Tracts 4, 4A, 4B, 4C, and 4D, Tract 5, Tract 23, and Tract 63 were previously owned fertilizer and chemical companies. The historical ownership is considered a *recognized environmental condition* based on the potential for past use to impact the property.

36. Transformers, utility lines, and storm water drainage pipes are not considered a *recognized environmental condition* because no evidence of a release was observed during the site reconnaissances.

8.2 Off-Site Opinions

1. The EDR database listings identified on off-site surrounding properties with potential environmental concern are discussed below. Other database listings identified on off-site surrounding properties are not considered a *recognized environmental condition* based on intervening topography, distance from the subject property, or nature of the database listing.

2. The Silk Stockings by Amber UST and LUST site on Tract 23 is not considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, an NFA was issued in November 2006 and groundwater was not impacted. The debris behind the structure is not considered a *recognized environmental condition* because no evidence of petroleum products or staining was observed. However, this debris should be properly disposed. The past property uses as a restaurant, store, dwellings, and auto repair shop are not considered a *recognized environmental condition* because no evidence of a release from previous use was discovered during the investigation of the Silk Stockings by Amber site.

3. Current operations, the stained soil, and underground piping associated with the ASTs on Tract 38 is considered a *recognized environmental condition* because of the potential for petroleum products or solvents to impact the soil and groundwater.

4. The listing of Tract 47 on the UST and LUST database is not considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, a Regulatory NFA was issued in July 1995. He stated levels of contamination in the soil were not high enough to warrant regulatory action. The past use of the property as a container truck repair shop is not considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, groundwater on the adjoining property to the south (Tract 46) flows northeast. Therefore groundwater is assumed to flow northeast and away from the portion of the property the SCDOT is considering for purchase.

5. Eason Diving on Tract 52 is not considered a *recognized environmental condition* because of the nature of the database listing as a RCRA-NonGen facility with no violations.

6. Mims Amusement on Tract 56 is not considered a *recognized environmental condition* because of the nature of the database listing as a RCRA-NonGen facility with no violations.

7. The historical operation of junk yard on the northwestern adjoining property of Tract 46 and Tract 47 is not considered a *recognized environmental condition* because of the assumed groundwater flow toward the northeast and away from the subject property.

8. The butane tank at the intersection of Meeting Street Road and Hamden Avenue is not considered a *recognized environmental condition* based on distance from the subject property and butane's natural state as a gas.

9. The past use of the property on the northwest corner of the Disher Street and King Street Extension intersection as Riverside Iron Works is not considered a *recognized environmental condition* because no evidence of tanks or chemical/petroleum use was revealed during this assessment.

10. The historical use of the property on the southwest corner of the intersection of Disher Street and King Street Extension (eastern adjoining property of Tract 20) as an auto junk yard, used auto parts store and the current use as a truck repair shop is considered a *recognized environmental condition* because of the potential for petroleum products or solvents to impact the property.

11. The previous operation of Maloney Fertilizer on the eastern/northeastern adjoining property of Tract 2 and Tract 3 is considered a *recognized environmental condition* based on its upgradient topographic location.

12. The drycleaner located in the northeast corner of the intersection of Corona Street and Riverview Avenue is considered a *recognized environmental condition* because of its close proximity to the property (approximately 600 feet

south of Tract 46) and the potential for solvents to travel long distances in the groundwater.

13. A bottling plant is shown northeast of the intersection of Disher Avenue and Summerville Avenue is not considered a *recognized environmental condition* because no evidence of tanks or chemical/petroleum use was revealed during this assessment.

14. The filling (retail petroleum) station across Meeting Street Road from Disher Avenue is not considered a *recognized environmental condition* based on distance from the subject property and intervening topography.

15. B.L. Montegue & Co., located north of Azalea Drive at its intersection with King Street Extension, is considered a *recognized environmental condition* because past use of petroleum products and hazardous substances is unknown.

16. The historical operation of a filling (retail petroleum) station, auto repair shops, and a scrap yard on the northern off-site portion of Tract 67 is considered a *recognized environmental condition* because of the potential for petroleum products or hazardous substances to impact the property.

17. Ruscon Corp Prop is not considered a *recognized environmental condition* because, according to Joel Padgett of DHEC, there plume does not appear to migrate off-site and the release has a low ranking.

18. Browning Ferris Industries, previously located east of Tract 11 and Tract 12, is not considered a *recognized environmental condition* because, according to Joel Padgett and Stephanie Briney of DHEC, Regulatory NFAs were issued for Facility ID #01477 and #01681 in July 1995. Trident Services Incorporated, listed at the same address, is not considered a *recognized environmental condition* based on the nature of the listing on the RCRA-NonGen database with no violations.

19. The listing of J&G Properties, Inc on the UST and LUST database is not considered a *recognized environmental condition* because, according to Stephanie Briney of DHEC, an NFA was issued in February 1998. The listing of Jennings Body Shop on the RCRA-CESQG and FINDS databases is not considered a *recognized environmental condition* because violations have achieved compliance. The current use of the property as Coach Craft Bodyworks, an automobile repair shop, is not considered a *recognized environmental condition* because of assumed groundwater flow away from the subject property to the southeast based on topographic maps.

20. Belcher Service Station is not considered a *recognized environmental condition* because, according to Stephanie Briney of DHEC, an NFA letter was issued in January 2000.

21. Infinger Transportation Company is considered a *recognized environmental condition* based on its regulatory status on the Brownfields, SHWS, GWCI, RCRA-NonGen, FINDS, VCP, RCR, and Allsites databases, known VOC groundwater contamination, and according to Keisha Long of DHEC, assessment has not been conducted to document if contamination is migrating off-site.

22. The historical use of the property located at 2490 Debonair Street as Excel Apparatus Services, General Electric Company, and Besco Facility is considered a *recognized environmental* condition based on its regulatory status on the UST, FTTS, UST, RCRA-NonGen, PADS, Brownfields, and SHWS databases and distance (approximately 1000 feet south) from the subject property.

23. Chicora Tank Farm is not considered a *recognized environmental condition* based on the documented groundwater flow direction to the northeast away from the subject property.

24. Flexi-Van Leasing, a service center for truck chassis, is not considered a *recognized environmental* condition based because no evidence of tanks or chemical/petroleum use was revealed during this assessment.

25. The historical use of the Charleston Peninsula neck area as phosphate plants, chemical companies, fertilizer companies, bulk oil terminals, and the Navy Base since the 1800s is considered a *recognized environmental condition* because past use of petroleum products and hazardous substances is unknown.

8.3 Data Gaps, Data Failure and Limitations

The lack of a review of title records is a data gap. Once this information is provided to us and we review it, we will comment of the significance of this data gap in an addendum letter to this Phase I ESA report if the information alters the findings and conclusions presented herein. Usage of the subject property was not researched to before the property was developed and there are intervals greater than five years between selected standard historical sources and because sources to achieve that level of documentation were not reasonably ascertainable. Limitations of property access and interviews were also encountered during this assessment. It is our opinion that these data gaps were not significant and did not affect the environmental professional's ability to identify possible *recognized environmental conditions* on the subject site.

9. CONCLUSIONS

S&ME has performed a Phase I Environmental Site Assessment of the *Port Access Road Property* in Charleston County, South Carolina in conformance with our understanding of the ASTM Standard Practice E 1527-05. Limitations and exceptions to this practice are described in Section 1.4 of this report. Deviations are described in Section 11.0.

This assessment has revealed evidence of the following *recognized environmental conditions* in connection with the property:

On-site

- Regulatory status (Swift Agri-Chem Corporation) and historical property use of Tract 1 and Tract 66
- Regulatory status (Rhodia and Mobile Chemical Company) and historical property use of Tract 4, Tract 4A, Tract 4B, Tract 4C, and Tract 4D
- Regulatory status (Van Ness Sign & Leasing Site) and historical property use of Tract 5 and Tract 68
- Historical presence of a gas tank on Tract 6
- Past operation of Southern Chemical and Professional Carpet Sales on Tract 11 and historical ownership of Tract 9, Tract 10, and Tract 11 by Southern Chemical
- Historical land use as a machine shop since 1981 and stained soils on Tract 20
- Previous land use as an automobile junk yard, observed mounds, and historical auto shop on Tract 22
- Historical property use of Tract 24 as a gasoline station
- Historical property use of Tract 25 as a repair shop since at least 1955
- Historical property use of Tract 26 as a body shop from 1975 to 1990 and the historical property ownership by Atlantic Pest Control Company in 1960
- Historical property use of Tract 28 and Tract 61 as a truck repair shop with floor drains, trough drains, oils, lubricants, parts washers, and an oil water separator
- Regulatory status (Macalloy) and historical property use of Tracts 29, 30, 31, 32, 33, 59, and 65
- Regulatory status (SWMU 9 and SWMU 196) and historical land use of Tract 34, Tract 35 and Tract 70 as a landfill on the Navy Base and groundwater contamination above the RBSLs associated with the USTs previously located at Building 661
- Historical land use of Tract 37 as the Charleston County incinerator and documented groundwater contamination
- Historical operation of a blast pit and the spent materials from the blasting on Tract 38
- Operation of chassis repair shop and stained soils on Tract 39
- Operation of a stevedoring repair shop and oil water separator on Tract 43
- The previous use of an underground storage tank on Tract 45 with no closure assessment
- Groundwater contamination above the RBSL and the historical operation of the wash bay, the associated underground piping, and potential for an oil-water separator on Tract 46
- Groundwater contamination on Tract 47 associated with the plume on Tract 46
- An active UST release with additional assessment pending on Tract 49
- Historical property use of Tract 57 as a gasoline station
- Historical property use of Tract 62 as a junk yard

- The former TriState landfill
- Septic tanks on non-residential properties
- The unknown source and content of fill material in marshlands
- Historical ownership of Tract 1, Tract 66, Tract 2, Tract 3, Tracts 4, 4A, 4B, 4C, and 4D, Tract 5, Tract 23 and Tract 63

Offsite

- Current operations, the stained soil, and underground piping associated with the ASTs on Tract 38
- Historical use of the property on the southwest corner of the intersection of Disher Street and King Street Extension (eastern adjoining property of Tract 20) as an auto junk yard, used auto parts store and the current use as a truck repair shop
- Previous operation of Maloney Fertilizer on the eastern/northeastern adjoining property of Tract 2 and Tract 3
- Historical drycleaner located in the northeast corner of the intersection of Corona Street and Riverview Avenue
- B.L. Montegue & Co., located north of Azalea Drive at its intersection with King Street Extension
- Historical operation of a filling (retail petroleum) station, auto repair shops, and a scrap yard on the northern off-site portion of Tract 67
- Infinger Transportation Company located approximately 800 feet from the subject property.
- Excel Apparatus Services, General Electric Company, and Besco Facility listed on the UST, FTTS, UST, RCRA-NonGen, PADS, Brownfields, and SHWS databases approximately 1000 feet from subject property.
- Phosphate plants, chemical companies, fertilizer companies, bulk oil terminals, and the Navy Base have operated in the neck area of the Charleston Peninsula since the 1800s.

10. DEVIATIONS

S&ME has endeavored to perform this Phase I ESA in substantial conformance with the scope and limitations of ASTM Standard Practice E1527-05 without significant deviation. Because of the limited availability of data, the operational history of the subject property was not documented at intervals of approximately 5 years and the use of the subject property prior to development could not be determined. In addition, complete chain-of-title and environmental lien and activity or use limitations information was not provided by the user. Physical limitations included dense vegetation and marshland. Other constraints encountered during the assessment included access to portions of the property and limited interviews of some owners, key site managers, and occupants. No other deviations to ASTM Practice E 1527-05 were made in the completion of this Environmental Site Assessment.

11. ADDITIONAL SERVICES

No additional services were provided.

12. REFERENCES

Published references used for this project are noted in the section of the report in which they appear.

13. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, that I meet the definition of *Environmental professional* as defined in paragraph 312.10 of 40 CFR 312, and that I have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

Mary Beth Cline for

Chuck Black, P.E.
Environmental Professional

14. QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL

The environmental professional for this project is Mr. Chuck Black. Mr. Black is a graduate of Clemson University with a BS in Civil Engineering. He is a Senior Reviewer with 16 years of environmental consulting experience. Mr. Black has completed ASTM training for performing Phase I ESAs.

Ms. Mary Beth Cline, P.E. also conducted part of this assessment and prepared the report. Ms. Cline is a graduate of Clemson University with a BS degree in Biosystems Engineering. She has five years of experience conducting Phase I and Phase II ESAs. She has attended ASTM training for Phase I Environmental Site Assessment

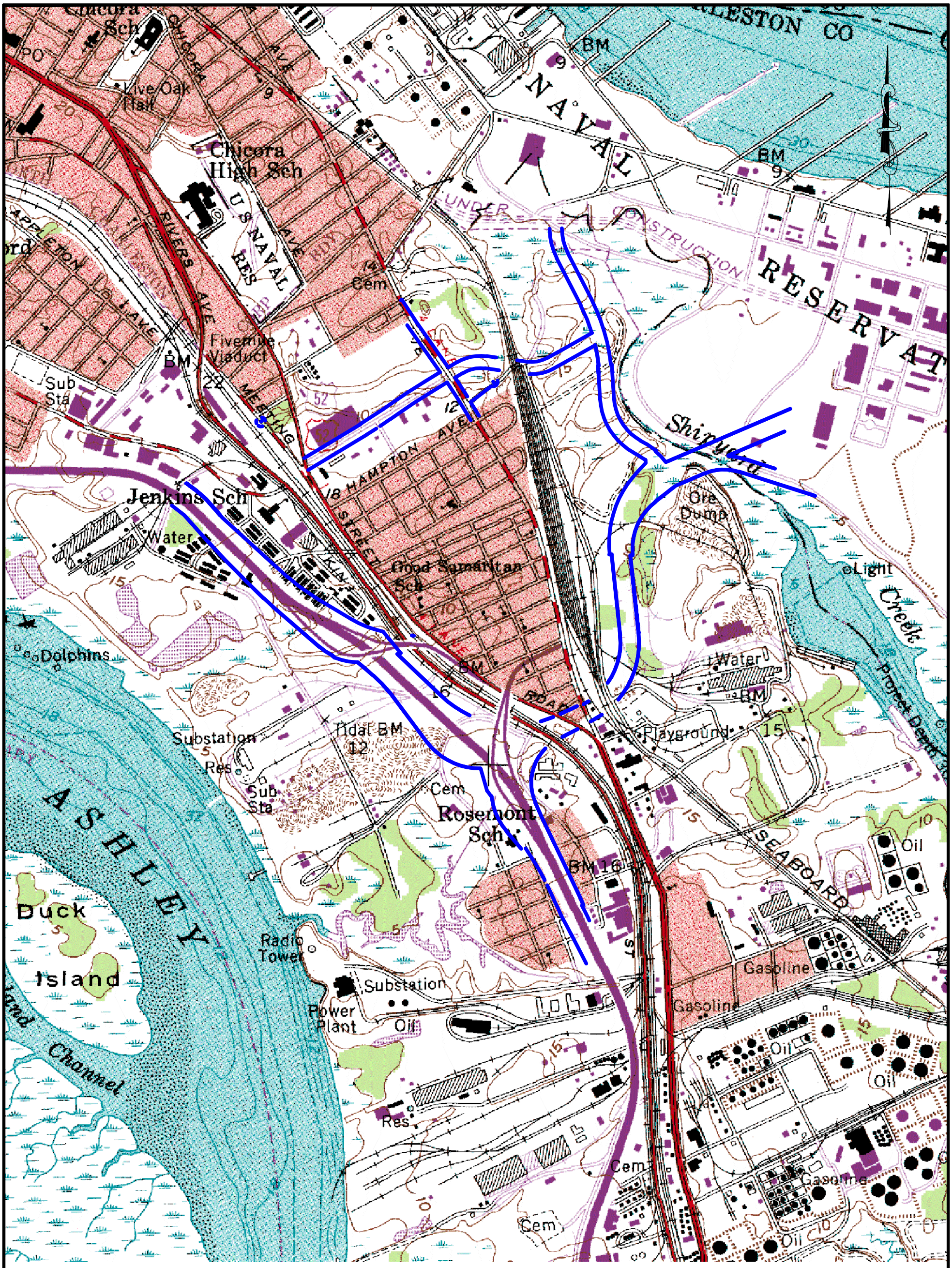
APPENDIX I

FIGURES



Source: Google Maps

SCALE: NTS	S&ME ENGINEERING · TESTING ENVIRONMENTAL SERVICES	**PHASE I SITE ESA** **SITE LOCATION MAP** PORT ACCESS ROAD NORTH CHARLESTON, SOUTH CAROLINA	FIGURE NO. 1
APPROVED BY: MEC			
DRAWN BY: LAJ			
DATE: 1-24-11		JOB NO: 1131-08-554	



1000 500 0 1000 2000

SCALE IN FEET

LEGEND

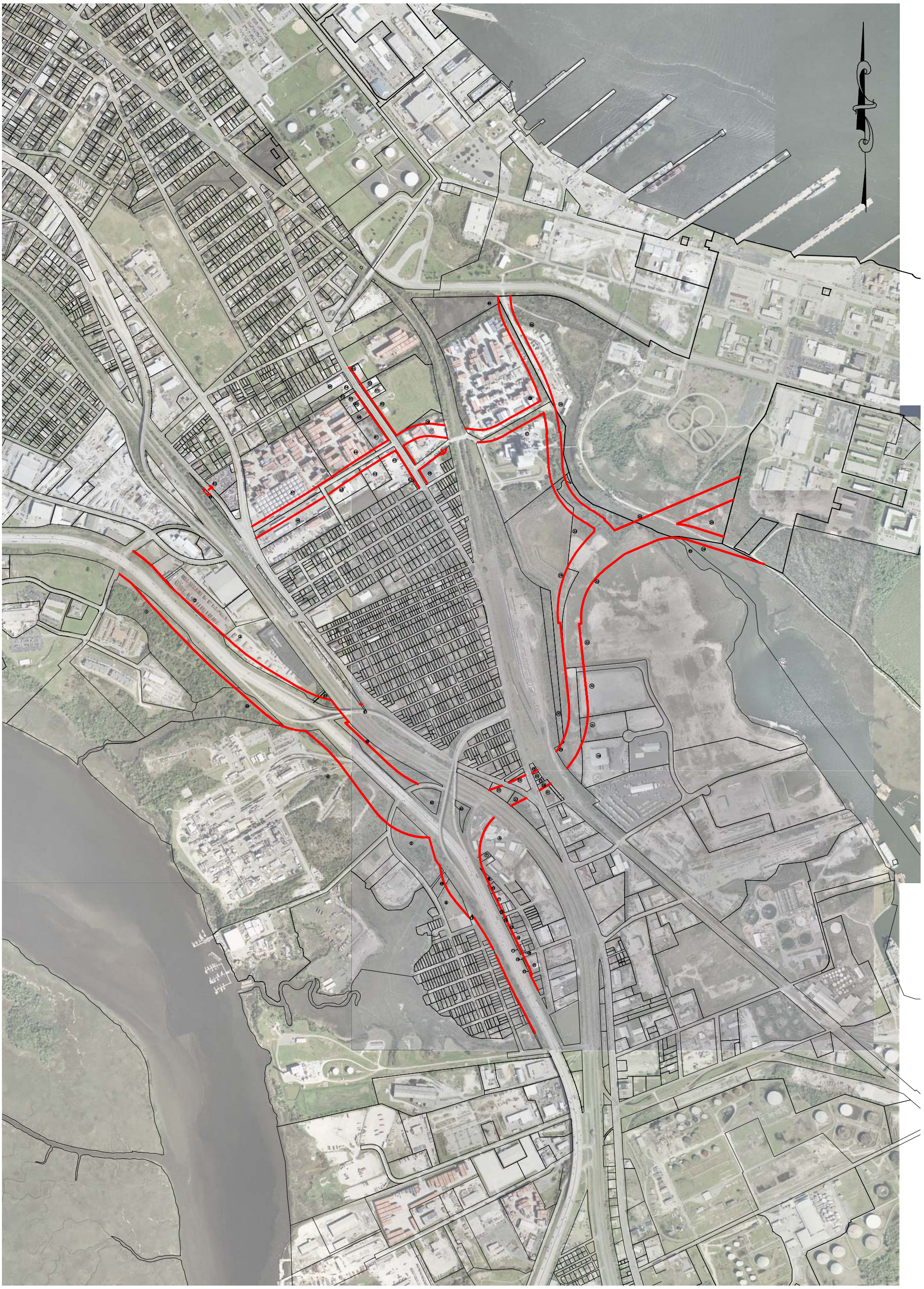
PROPOSED SCDOT RIGHT OF WAY

Source: USGS Charleston Quadrangle

PHASE I ENVIRONMENTAL SITE ASSESSMENT
USGS TOPOGRAPHIC MAP
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING • TESTING • ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131-08-554	APPROVED BY: MEC
DATE: 1-24-11	FIGURE NO. 2



1000 500 0 1000 2000

SCALE IN FEET

Source: South Carolina Department of Transportation

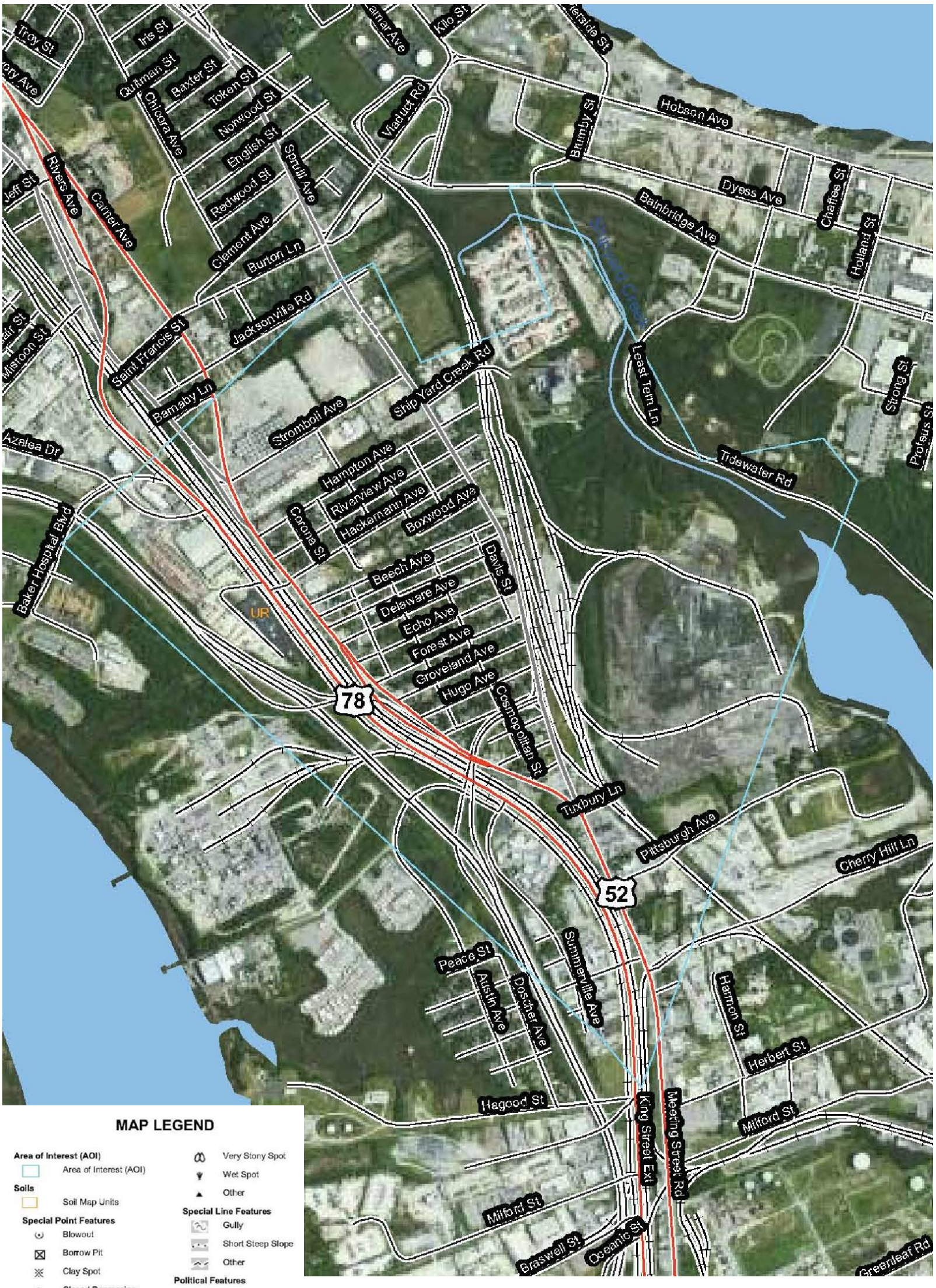
PHASE I ENVIRONMENTAL SITE ASSESSMENT
SITE VICINITY MAP

PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME

ENGINEERING • TESTING • ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. 3



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Units

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Oceans
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

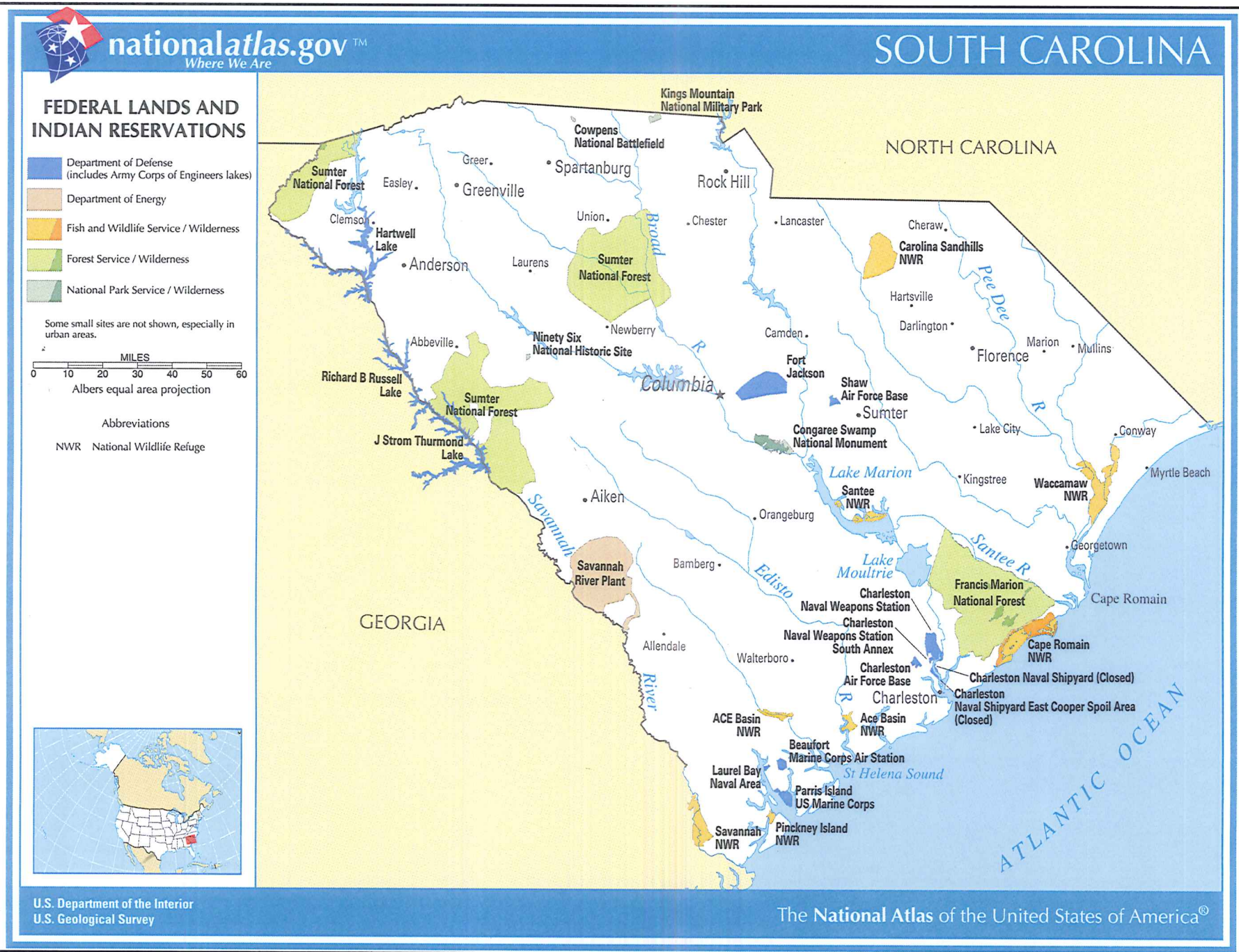
Charleston County Area, South Carolina	
Map Unit Symbol	Map Unit Name
UR	Urban Land – Yauhanna – Yemassee – Ogeechee Association

Source: Natural Resources Conservation Service

PHASE I ENVIRONMENTAL SITE ASSESSMENT
SOILS MAP
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING • TESTING • ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. 4



SCALE:	NTS
APPROVED BY:	MEC
DRAWN BY:	LAJ
DATE:	1-24-11
PROJECT NO.	1131-08-554

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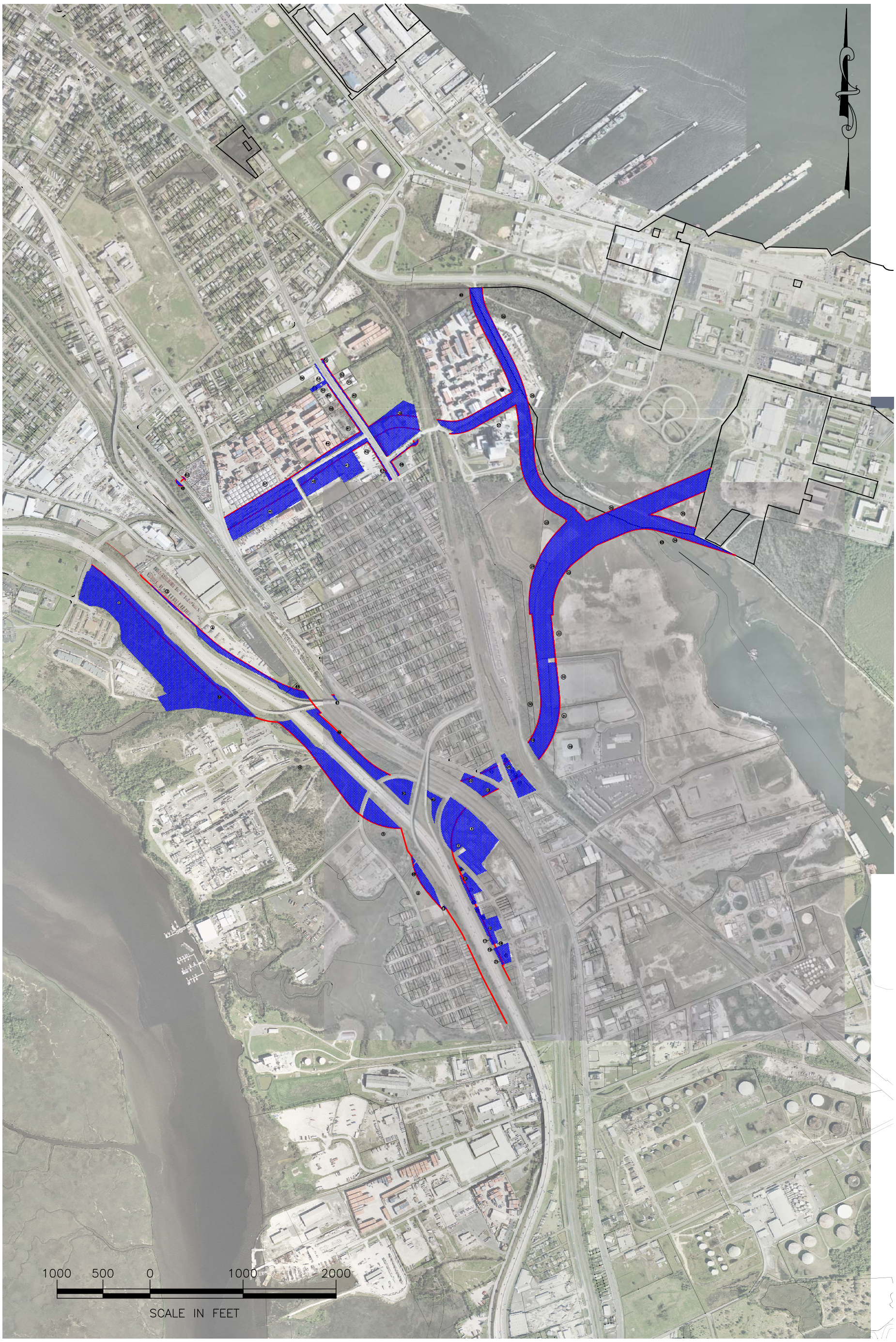
ENVIRONMENTAL SERVICES

PHASE I ENVIRONMENTAL SITE ASSESSMENT
SOUTH CAROLINA INDIAN RESERVATIONS
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

FIGURE NO.
5



Source: South Carolina Department of Transportation

PHASE I ENVIRONMENTAL SITE ASSESSMENT
SUBJECT PROPERTY BOUNDARY MAP

PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING · TESTING · ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. 6

LEGEND

- SWIFT AGRI–CHEM CORP, RHODIA/MOBILE CHEMICAL, VAN NESS SIGN
- MACALLOY
- NAVY LANDFILL; SWMU 9 & 196 AND BLDG 661
- SUSPECTED TRI–STATE LANDFILL AREA/REGULATED UST SITE
- INCINERATOR, PAINT REMOVAL BLAST PIT, REPAIR SHOPS
- FORMER FILLING STATION, TRUCK REPAIR SHOP, BODY SHOP, JUNK YARD, HYDRAULIC SHOP
- SOUTHERN LUMBER/SOUTHERN CHEMICAL/MACHINIST INC.
- REGULATED UST SITES, FORMER FILLING STATIONS, JUNK YARD, TRUCK/EQUIPMENT REPAIR SHOPS
- FORMER FILLING (RETAIL PETROLEUM) STATION OR GAS TANK SHOWN ON SANBORN MAP
- REGULATED UST SITE
- OFF–SITE PROPERTIES OF POTENTIAL ENVIRONMENTAL CONCERN
- MACHINE/REPAIR SHOP, AUTO SHOP OR AUTO REPAIR SHOWN ON SANBORN MAP

800 400 0 800 1600

SCALE IN FEET

SOURCE:

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

NOTE:

THIS FIGURE IS INTENDED AS AN OVERVIEW OF THE PHASE I ESA. THE COMPLETE REPORT MUST BE REVIEWED IN ITS ENTIRETY PRIOR TO MAKING DECISIONS REGARDING THIS SITE.

IDENTIFIED RECOGNIZED ENVIRONMENTAL CONDITIONS
PHASE I ENVIRONMENTAL SITE ASSESSMENT
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING • TESTING • ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. 7

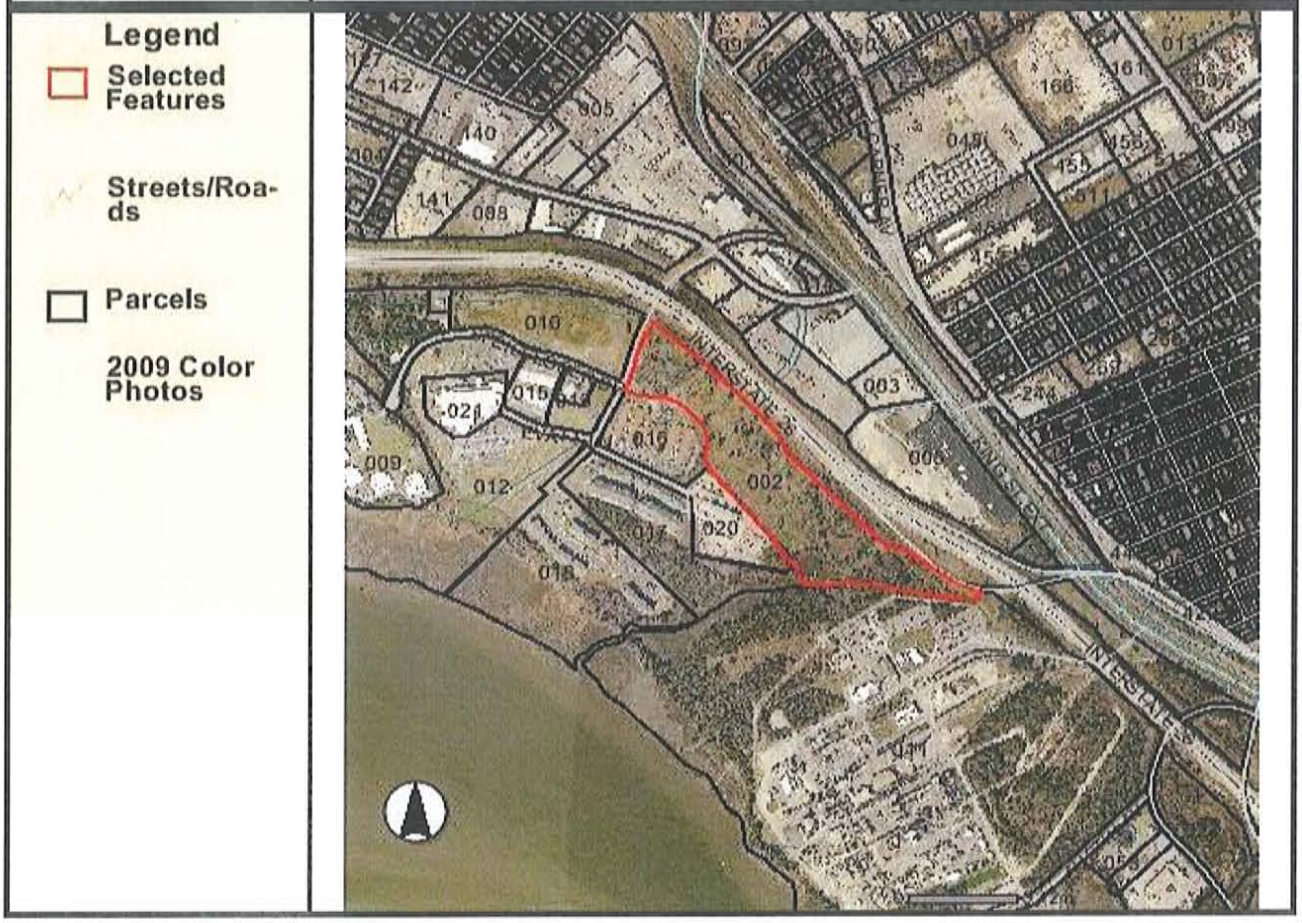
APPENDIX II

CHARLESTON COUNTY PROPERTY RECORDS

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 1 and Tract 66

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4690000002

PARCEL ID:	4690000002
STREET NUMBER:	0
STREET NAME:	BAKER HOSPITAL BLVD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	02-CHARITABLE HOSPITALS
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	TRACT B-1 AND PART A-6 & B
LGL HI ACRES:	13.47
LGL MAR ACRES:	3.9
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	17.37
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	AY-86
OWNER ON 1ST:	ASHLEY II OF
OWNER2 ON 1ST:	CHARLESTON LLC

CURRENT OWNER1:'	
CURRENT OWNER2:	
SALE DATE:	6/30/2003
DEED BOOK:	Z454-005
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2655
MAIL STREET NAME:	EVATT LN STE 107
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8703
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	4810000
MULT LOT:	4
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	756000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	**T. M. No.** 469 — 00 — 00 **LOT** 002	**GEOGRAPHICAL AREA**	CITY OF NORTH CHARLESTON					**TAX DISTRICT NO.** 4-3	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS:		
3.	VIRGINIA-CAROLINA CHEMICAL CORP. (1)	1926	M34	6					
4.	SOCONY MOBIL OIL COMPANY, INC.	2-20-64	V79	11			55 Ashley Ave, Chas. SC 29401		
5.	MOBIL OIL CORPORATION	5-17-66	R95	258					
6.	SWIFT AGRICULTURAL CHEMICALS CORPORATION	11-11-71	Y97	136					
7.	BAKER MEMORIAL SANITORIUM (5)	6-22-79	E119	279			55 [illegible]		X
8.	BAKER HOSPITAL	3-13-80	R121	400					X
9.	ASHLEY II OF CHARLESTON, LLC. (1)	6-30-03	Z454	005	4,810,000		476 Meeting St Ste E Chas SC 29403		
10.	**PROPERTY LOCATION** N. Side Ashley River S. Side I-26						SUBDIVISION:		
11.	Lot	Block	Tract No B-1, PART A-6, B		Parcel No.		Other		
12.	**ACREAGE:** High Land 13.47	Marsh Land 3.9	Total Acres 17.37		**ACREAGE TAKEN FROM:** DEED ( ), PLAT (X), COMPUTATIONS ( )				X
13.	**MEASUREMENTS:** Road Frontage	X	X	X	X	X	X	X	
14.	PLATS RECORDED IN: N-138, AN-38, E119-264, AS-121, E125-279, AY-86, F133-169						**COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER** ✓		
15.									

16.	YEAR ASSESSMENT FOR:	1970							COMPUTERIZED	
17.	LAND ASSESSMENT $								MAY 9 1985	CHECKED 5/28/85
18.	BUILDING ASSESSMENT $								BY HD	
19.	TOTAL ASSESSMENT $	*								X
20.	NUMBER OF BUILDINGS								10-15-86 DE,	
21.	TOTAL APPRAISED VALUE $								2/10/89 DE,	

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	$ ESTIMATED COST AS TAKEN FROM PERMIT	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE# 1--Original PRC retired due to filling of back of PRC. jwc 5-8-85
LINE# 12--Prev. mapped as Tracts B, B-1 and C, 50.1 ac. high and 48.7 ac. Marsh = Total of 98.8. Per Plat AY-86, TMS#--469-0-0-14 (Tract A-6, 2.53 ac. high, 563.6 x 15 x 82.4 x 352 x 656, Deed Ref. R121-400) is deleted and now is included in this tract for 1985. Then 2.5 ac. high is subd. from this tract and added to 469-0-0-12 for 1985. Marsh is devided between 469-0-0-12 and 2 Per Plat AY-86, Part of Tract C is added to 469-0-0-12. Now legal for this card is Tracts A-6, B, B-1 and Part C, 41.3 ac. high and 17.3 Ac. Marsh = Total of 58.6 acs. jwc 4-5-84

LINE# 7--Deed Ref. N119-259 formerly carried incorrectly on front of card, but should have been E119-279. Correcting for 1985. See notes above. 3/22/85 ds Per research done in mapping. 3/22/85 ds

LINE# 12--Prev. mapped as Tract A-6, B, B-1 and Part C, 41.3 ac. High and 17.3 ac. Marsh = total of 58.6 acs. Per Plat BA-66, 5.0 ac. high is subd. for TRact A for 1985; See TMS#--469-0-0-16. Tract A was taken out of Part of Tract A-6 and Part B. Now legal for this is Tract B-1, Part A-6, B and C, 36.3 ac. High and 17.3 ac. Marsh = Total of 53.6 acs. jwc 5-8-85

LINE #7--Juris code changed from 5 to 1 for 1985. Did not reapply for exemption. 1/16/86 ds
Juris code changed from 1 to 5 for 1986 per Assessors Office. 9-29-86 ds

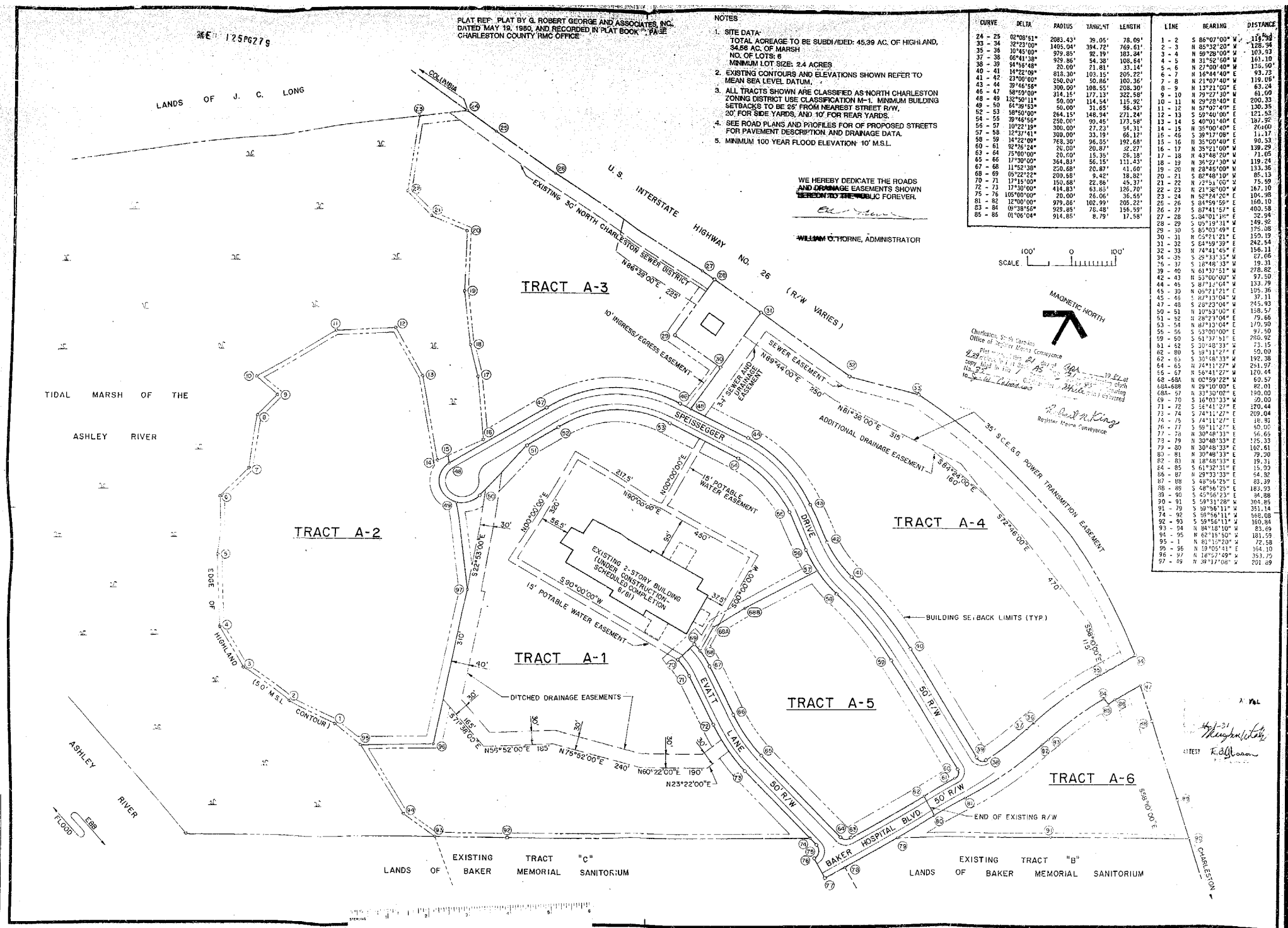
LINE #8--Name changed by Secretary of State for South Carolina December 5, 1979. Changed on our books for 1989. 2-9-89 ds

LINE #12--Prev. mapped as Tracts B-1, Part A-6, B and C, 36.3 ac. high, 17.3 ac. marsh = total 53.6 ac. Per plat BF-67, 22.83 ac. high and 13.4 ± ac. marsh is subd. from this card for 1988; See TMS# 469-00-00-17 and 18. Now legal for this card is Tracts B-1, Part A-6 and B, 13.47 ac. high, 3.9 ac. marsh = total 17.37 ac. 2-10-89 sw

LINE #9--Per derivation in deed Z454-005 Baker Hospital changed its name to Roper Hospital North Inc by Non profit Corp Articles of of Amendment filed Jan 27,1995. 7-18-03 LRD

LINE #9-- See Confirmatory Quit Claim deed Z454-001 Roper Hospital North Inc conveys all int. to Ashley II OF Chas SC LLC 7-18-03 LRD

LINE #9-- Juris code changed from 5 Tax Exempt to 1 Taxable for 2004 per deed Z454-005 7-18-03 LRD



CURVE	DELTA	RADIUS	TANGENT	LENGTH
24 - 25	02°08'51"	2083.43'	39.05'	78.09'
33 - 34	32°23'00"	1405.04'	394.72'	769.61'
35 - 36	10°45'00"	979.85'	92.19'	183.84'
37 - 38	06°41'38"	929.86'	54.38'	108.64'
38 - 39	94°56'48"	20.00'	21.81'	33.14'
40 - 41	14°22'09"	818.30'	103.15'	205.22'
41 - 42	23°00'00"	250.00'	50.86'	100.36'
43 - 44	39°46'56"	300.00'	108.55'	208.30'
46 - 47	58°59'00"	314.15'	177.13'	322.58'
48 - 49	132°50'11"	50.00'	114.54'	115.92'
49 - 50	64°39'53"	50.00'	31.65'	56.43'
52 - 53	58°50'00"	264.15'	148.94'	271.24'
54 - 55	39°46'56"	250.00'	90.45'	173.58'
56 - 57	10°22'19"	300.00'	27.23'	54.31'
57 - 58	12°37'41"	300.00'	33.19'	66.12'
58 - 59	14°22'09"	768.30'	96.85'	192.68'
60 - 61	92°26'24"	20.00'	20.87'	32.27'
63 - 64	75°00'00"	20.60'	15.35'	26.18'
65 - 66	17°30'00"	364.83'	56.15'	111.43'
67 - 68	11°52'38"	200.68'	20.87'	41.60'
68 - 69	05°22'22"	209.58'	9.42'	18.82'
70 - 71	17°15'00"	150.68'	22.86'	45.37'
72 - 73	17°30'00"	414.83'	63.85'	126.70'
75 - 76	105°00'00"	20.00'	26.06'	36.65'
81 - 82	12°00'00"	979.86'	102.99'	205.22'
83 - 84	08°38'56"	929.85'	76.48'	156.59'
85 - 85	01°06'04"	914.85'	8.79'	17.58'

LINE	BEARING	DISTANCE
1 - 2	S 86°07'00" W	119.32
2 - 3	N 85°32'20" W	128.94
3 - 4	N 59°28'00" W	103.53
4 - 5	N 31°52'50" W	161.10
5 - 6	N 27°00'40" W	136.90
6 - 7	N 16°44'40" E	93.73
7 - 8	N 21°07'40" W	119.06
8 - 9	N 13°21'00" E	63.24
9 - 10	N 79°27'30" W	61.00
10 - 11	N 29°28'40" E	200.33
11 - 12	N 57°07'40" E	130.35
12 - 13	S 58°50'00" E	121.52
13 - 14	S 40°01'40" E	187.92
14 - 15	N 35°00'40" E	20.00
15 - 46	S 39°17'08" E	11.17
15 - 16	N 35°00'40" E	90.53
16 - 17	N 35°21'00" W	139.29
17 - 18	N 43°48'20" W	71.05
18 - 19	N 36°27'30" W	119.24
19 - 20	N 28°45'00" W	133.36
20 - 21	S 82°48'10" W	85.13
21 - 22	N 27°54'00" W	75.59
22 - 23	N 21°36'00" W	167.10
23 - 24	N 52°24'20" E	104.98
25 - 26	S 84°59'59" E	160.10
26 - 27	S 87°41'57" E	400.58
27 - 28	S 34°01'18" E	32.94
28 - 29	S 05°19'31" W	149.92
29 - 30	S 85°03'49" E	125.08
30 - 31	N 05°21'21" E	150.19
31 - 32	S 84°59'39" E	242.54
32 - 33	N 74°41'45" E	156.11
34 - 35	S 29°33'33" W	87.06
36 - 37	S 18°48'33" W	19.31
39 - 40	N 61°37'51" W	278.82
42 - 43	N 53°00'00" W	97.50
44 - 45	S 87°13'04" W	133.79
45 - 30	N 05°21'21" E	105.36
45 - 46	S 87°13'04" W	37.11
47 - 48	S 28°23'04" W	245.93
50 - 51	N 10°53'00" E	138.57
51 - 52	N 28°23'04" E	79.65
53 - 54	N 87°13'04" E	170.90
55 - 56	S 53°00'00" E	97.50
59 - 60	S 61°37'51" E	280.92
61 - 62	S 30°48'33" W	73.15
62 - 80	S 59°11'27" E	50.00
62 - 63	S 30°48'33" W	192.38
64 - 65	N 74°11'27" W	251.97
66 - 67	N 56°41'27" W	120.44
68 - 68A	N 00°59'22" W	60.57
68A-68B	N 29°10'00" E	82.01
68A- 57	N 33°30'02" E	190.00
69 - 70	S 16°03'33" W	90.00
71 - 72	S 56°41'27" E	120.44
73 - 74	S 74°11'27" E	209.04
74 - 75	S 74°11'27" E	18.81
76 - 77	S 59°11'27" E	50.00
77 - 78	N 30°48'33" E	56.66
78 - 79	N 30°48'33" E	125.33
79 - 80	N 30°48'33" E	102.61
80 - 81	N 30°48'33" E	79.90
82 - 83	N 18°48'33" E	19.31
84 - 85	S 61°32'31" E	15.00
86 - 87	N 29°33'33" E	64.82
87 - 88	S 48°56'25" E	83.39
88 - 89	S 48°56'25" E	183.93
89 - 90	S 45°56'23" E	94.88
90 - 91	S 59°31'28" W	304.85
91 - 79	S 59°56'11" W	351.14
74 - 92	S 59°56'11" W	568.08
92 - 93	S 59°56'11" W	160.84
93 - 94	N 84°18'10" W	83.69
94 - 95	N 62°15'50" W	181.59
95 - 1	N 81°15'20" W	72.58
95 - 96	N 19°05'41" E	164.10
96 - 97	N 18°57'49" W	353.75
97 - 99	N 39°17'08" W	201.89

ATTEST K. B. Glasson

GRESHAM AND SMITH
8740 NORTHPARK BLVD. - CHARLESTON, S.C. 29405

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER HOWARD LITTLEJOHN

DR. BNO

TRACT "A"
LANDS OF BAKER HOSPITAL
CITY OF NORTH CHARLESTON
CHARLESTON COUNTY, S. C.

NO.	REVISION	DR.	DATE

SUBDIVISION PLAT

FILE 20227.22 DATE 9 APR 81

AND,

TON
DING

ETS

CURVE	DELTA	RADIUS	TANGENT	LENGTH
24 - 25	02°08'51"	2083.43'	39.05'	78.09'
33 - 34	32°23'00"	1405.04'	394.72'	769.61'
35 - 36	10°45'00"	979.85'	92.19'	183.84'
37 - 38	06°41'38"	929.86'	54.38'	108.64'
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46 - 47	58°50'00"	314.15'	177.13'	322.58'
48 - 49	132°50'11"	50.00'	114.54'	115.92'
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57 - 58	12°37'41"	300.00'	33.19'	66.12'
58 - 59	14°22'09"	768.30'	96.85'	192.68'
60 - 61	92°26'24"	20.00'	20.87'	32.27'
63 - 64	75°00'00"	20.00'	15.35'	26.18'
65 - 66	17°30'00"	364.83'	56.15'	111.43'
67 - 68	11°52'38"	200.68'	20.87'	41.60'
68 - 69	05°22'22"	200.68'	9.42'	18.82'
70 - 71	17°15'00"	150.68'	22.86'	45.37'
72 - 73	17°30'00"	414.83'	63.85'	126.70'
75 - 76	105°00'00"	20.00'	26.06'	36.65'
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85 - 86	01°06'04"	914.85'	8.79'	17.58'

LINE	BEARING	DISTANCE
1 - 2	S 86°07'00" W	174.98'
2 - 3	N 85°32'20" W	128.84
3 - 4	N 59°28'00" W	103.93
4 - 5	N 31°52'50" W	161.10
5 - 6	N 27°00'40" W	136.90'
6 - 7	N 16°44'40" E	93.73
7 - 8	N 21°07'40" W	119.06'
8 - 9	N 13°21'00" E	63.24
9 - 10	N 79°27'30" W	61.00
10 - 11	N 29°28'40" E	200.33
11 - 12	N 57°07'40" E	130.35
12 - 13	S 59°40'00" E	121.53
13 - 14	S 40°01'40" E	187.92
14 - 15	N 35°00'40" E	29.00
15 - 46	S 39°17'08" E	11.17
15 - 16	N 35°00'40" E	90.53
16 - 17	N 35°21'00" W	139.29
17 - 18	N 43°48'20" W	71.05
18 - 19	N 36°27'30" W	119.24
19 - 20	N 28°45'00" W	133.36
20 - 21	S 82°48'10" W	85.13
21 - 22	N 73°51'00" W	75.59
22 - 23	N 21°38'00" W	167.10
23 - 24	N 52°24'20" E	104.98
25 - 26	S 84°59'59" E	160.10
26 - 27	S 87°41'57" E	400.58
27 - 28	S 84°01'18" E	32.94
28 - 29	S 05°19'31" W	149.92
29 - 30	S 85°03'49" E	125.08
30 - 31	N 05°21'21" E	150.19
31 - 32	S 84°59'39" E	242.54
32 - 33	N 74°41'45" E	156.11
34 - 35	S 29°33'33" W	87.06
35 - 37	S 18°48'33" W	19.31
39 - 40	N 61°37'51" W	278.82
42 - 43	N 53°00'00" W	97.50
44 - 45	S 87°13'04" W	133.79
45 - 30	N 05°21'21" E	105.36
45 - 46	S 87°13'04" W	37.11
47 - 48	S 28°23'04" W	245.93
50 - 51	N 10°53'00" E	158.57
51 - 52	N 28°23'04" E	79.66
53 - 54	N 87°13'04" E	170.90
55 - 56	S 53°00'00" E	97.50
59 - 60	S 61°37'51" E	280.92
61 - 62	S 30°48'33" W	73.15
62 - 80	S 59°11'27" E	50.00
62 - 63	S 30°48'33" W	192.38
64 - 65	N 74°11'27" W	251.97
66 - 67	N 56°41'27" W	120.44
68 -68A	N 00°59'22" W	60.57
68A-688	N 29°10'00" E	82.01
68A- 57	N 33°30'02" E	190.00
69 - 70	S 16°03'33" W	50.00
71 - 72	S 56°41'27" E	120.44
73 - 74	S 74°11'27" E	209.04
74 - 75	S 74°11'27" E	18.81
76 - 77	S 59°11'27" E	50.00
77 - 78	N 30°48'33" E	56.65
78 - 79	N 30°48'33" E	125.33
79 - 80	N 30°48'33" E	102.61
80 - 81	N 30°48'33" E	79.90
82 - 83	N 18°48'33" E	19.31
84 - 85	S 61°32'31" E	15.00
86 - 87	N 29°33'33" E	64.82
87 - 88	S 48°56'25" E	83.39
88 - 89	S 48°56'25" E	183.93
89 - 90	S 45°56'23" E	84.88
90 - 91	S 59°31'28" W	304.85
91 - 79	S 59°56'11" W	351.14
74 - 92	S 59°56'11" W	668.08
92 - 93	S 59°56'11" W	160.84
93 - 94	N 84°18'10" W	83.69
94 - 95	N 62°15'50" W	181.59
95 - 1	N 81°15'20" W	72.58
95 - 96	N 59°05'41" E	164.10
96 - 97	N 18°57'49" W	353.70
97 - 49	N 39°17'08" W	201.89

100' 0 100'

SCALE:

MAGNETIC NORTH

Charleston, South Carolina
Office of Register Mesne Conveyance

Plat recorded this 21 day of Apr 19 81 at
4:29 o'clock in Plat Book AS Page 21
copy filed in File 1 Drawing ... on ... tracing cloth
No. 25 Original Plat (a White p.l.n.) delivered
to J. W. Cabaniss

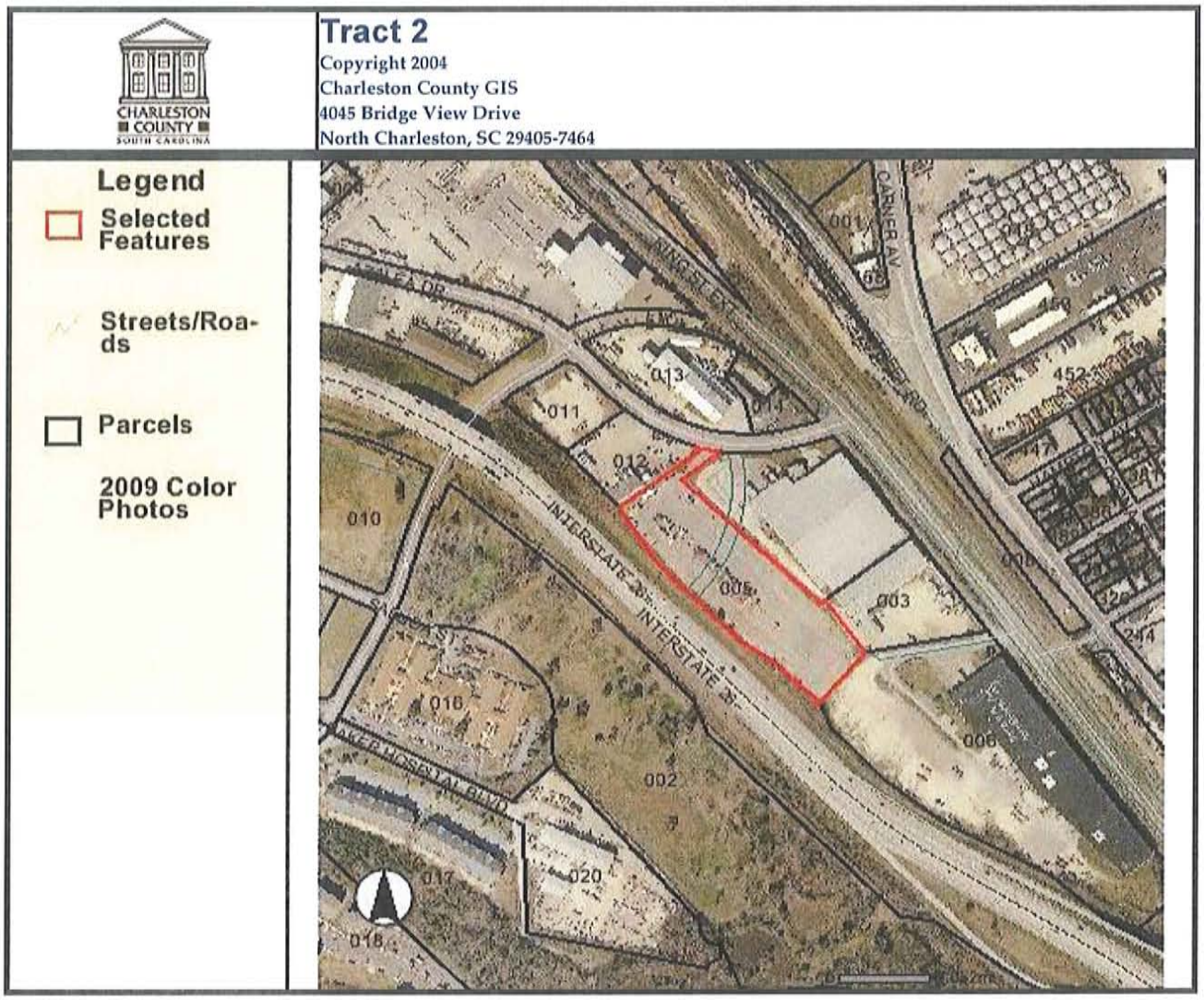
Robert N. King
Register Mesne Conveyance

35' S.C.E.&G. POWER TRANSMITION EASEMENT

S84°24'00"E
160'

S72°46'00"E

CT A-4



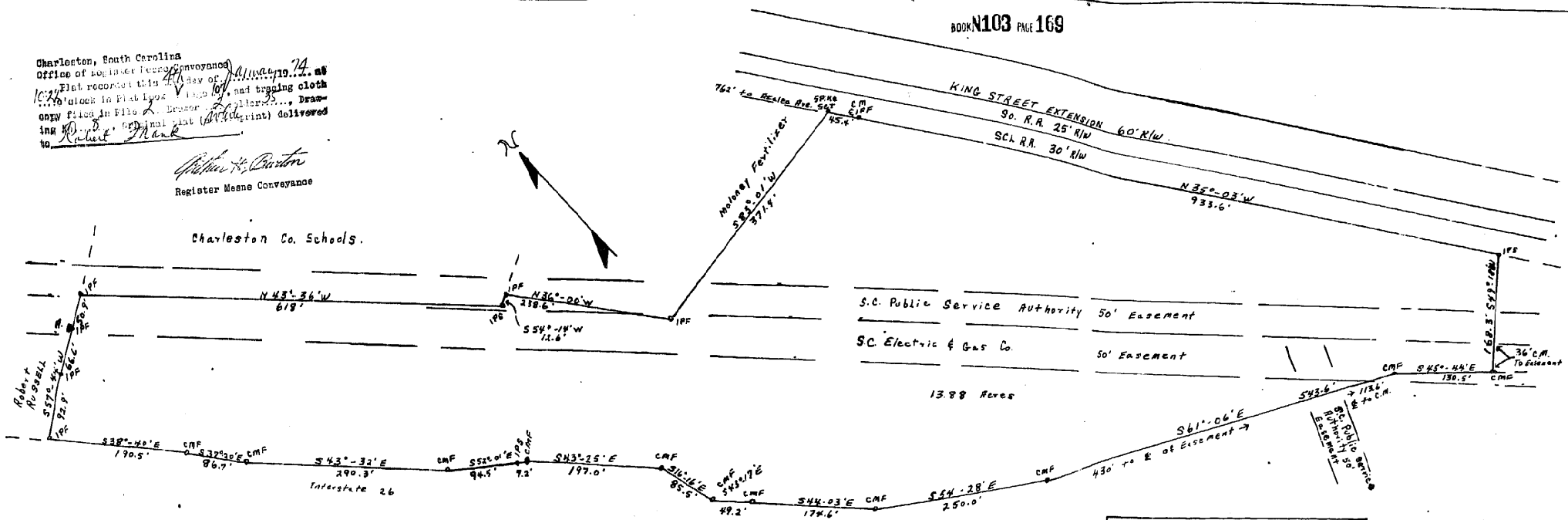
PARCEL NUMBER : 4660700005

PARCEL ID:	4660700005
STREET NUMBER:	2703
STREET NAME:	KING ST EXT
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	SECTION C OF LT 2
LGL HI ACRES:	4.44
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	4.44
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	V-107
OWNER ON 1ST:	PADGETT RICHARD M SR
OWNER2 ON 1ST:	PADGETT MARCUS JAMES

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/9/2007
DEED BOOK:	W625-321
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 7011
MAIL UNIT:	
MAIL CITY:	GARDEN CITY
MAIL STATE:	GA
MAIL ZIP:	31418-7011
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	700000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	700000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 4th day of January 1974 at 10:24 o'clock in Plat Book V page 107, and tracing cloth copy filed in File 2 Drawer 2 Roller 35, Drawing No. 8, Original plat (Ambrosia print) delivered to Robert Frank

Arthur H. Burton
Register Mesne Conveyance



Property of A.N. Manucy, Jr.
Formerly Owned by
Ashley Development Corporation
Charleston County South Carolina
Scale 1" = 100'
Date April 17, 1973

1:3020

Robt L Frank

Note 1. Partly Surveyed from an August 1961 Plat by Cummins & McCrady

Note 2. Iron pipe near northwestern Corner at Point A. assumed to be at edge of easement, Utility Cor. have no firm tie for easement.

Note 3. This is a revised plat

12-31-73 RLF

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 7 — 0 LOT 5	GEOGRAPHICAL AREA	CITY OF NORTH CHARLESTON				TAX DISTRICT NO. 4-3		X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	ASHLEY DEVELOPMENT COMPANY	8-28-61	Z76	104					
4.	MANUCY, Adolphus N., Jr.	5-4-73	V101	106			21 [illegible]		
5.	INTERNATIONAL FORWARDERS, INC.	1-11-77	H111	228	357,906		[illegible] 1550 [illegible]	8/3/9	X
6.	MANUCY, Elizabeth R.	3-4-85	R143	103			6 Polzer Dr. 29464		X
7.	MANUCY, Elizabeth R., ETAL	9-29-93	P232	619			525 Pelzer Dr. 29464		X
8.	B & R GROUP, INC.	10-1-93	T232	266	220,000		P.O. Box 70249 29415		
9.									

10.	PROPERTY LOCATION [illegible]							SUBDIVISION				
11.	Lot Sec. C of Lt. 2	Block		Tract No		Parcel No		Other				
12.	ACREAGE: High Land 4.44	Marsh Land		Total Acres 4.44		ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )						X
13.	MEASUREMENTS: Road Frontage	X	X	X	X	X	X	X				
14.	PLATS RECORDED IN V107, N103-169, AD-117, H105-47, AH-81, A112-439							COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER				✓
15.												
16.	YEAR ASSESSMENT FOR	1973										
17.	LAND ASSESSMENT $				COMPUTERIZED		COMPUTERIZED					
18.	BUILDING ASSESSMENT $				MAR 2 0 1992		OCT 28 1995					
19.	TOTAL ASSESSMENT $	*			BY: P.A.E.							X
20.	NUMBER OF BUILDINGS				10-14-93 bt		BY					
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE TMS	BLOCK	LOT
23.								
24.								
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS		

LINE #19--Subdivided by plat V-107 for 1974 from 466-7-0-4. Previously assessed in 33.7 ac. 2/9/74

LINE #12--Previously mapped in 13.88 ac. Per plat AD-117 subdivided for 1975. See TMS 466-7-0-6. Also the Charleston C. School District ~~purchased~~ to Adolphus N. Manucy, Jr. 0.14 ac., Sec. B-2, $1,690, dtd. 10-14-74, taken from TMS 466-7-0-2 for 1975. 12-9-74. The 0.14 ac purchased from Chas. Co. is added to this entry by plat AD-117.

LINE#12--Previously mapped as 8.9 ac., Sec. B-1 and B-2. Sold Pt., 4.47 ac., see TMS 466-7-0-7, for 1978 , per plat AH-81. rm 6-30-77.

LINE#5--Also re-recorded deed L111-128. rm 6-30-77.

LINE #5--Deed R143-103 is for TMS# 461-9-1-5 & 466-7-0-5. 10/8/85 pe

Per deed Articles of amendment filed with Secretary of State, International Forwarders, Inc changed to Manucy Corporation.

LINE #1--Annexed to the City of North Charleston, 4-3, per Rat.#1991-40, Sec.#29L, dated 10-10-91 for 1992. bsk 2-26-92
Changed from 4-1, North Charleston, PSD.

LINE #7--ETAL are: Adolphus Newton Manucy, III, Mary Elizabeth Manucy Pool Kendall, Robert Edward Manucy, Margaret Ellen Manucy, John Marion Manucy, Charlotte Ann Manucy, William Michael Manucy, Mary Elizabeth Manucy Pool Kendall as custodian for the following: Alicia Joy Pool, Steven Thomas Pool and William Charles Kendall, Jr. and Adolphus Newton Manucy, III as Custodian for Adolphus Newton Manucy, IV. A 4.5% interest each. bsk 10-13-93

Tract 3

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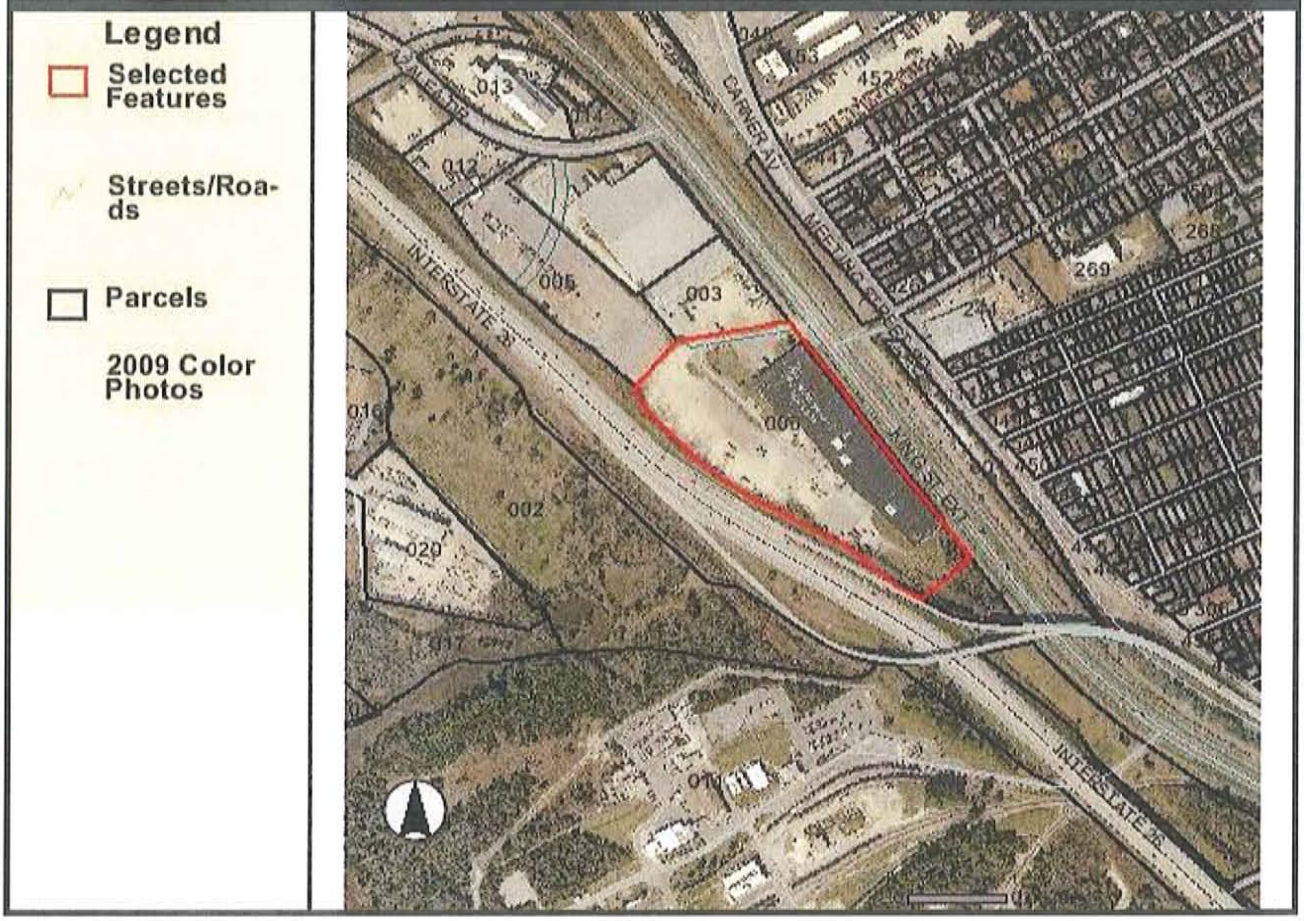
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660700006

PARCEL ID:	4660700006
STREET NUMBER:	2453
STREET NAME:	KING ST EXT
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	WHS
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	SEC. A & B OF LT 1
LGL HI ACRES:	9.99
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	9.99
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	UNREC F
OWNER ON 1ST:	TWENTY FIRST PROPERTIES INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	10/21/1999
DEED BOOK:	K336-633
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2121
MAIL STREET NAME:	S COLUMBIA AVE STE 650
MAIL UNIT:	
MAIL CITY:	TULSA
MAIL STATE:	OK
MAIL ZIP:	74114-3506
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	1141875
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	2631000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

CHARLESTON COUNTY AUDITOR'S OFFICE

REAL PROPERTY RECORD

SEE BACK FOR NOTES

1	466 — 07 — 00 — 006	PARCEL ID #	GEOGRAPHICAL AREA	CITY OF CHARLESTON			TAX DISTRICT NO. 4-3
2	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	MAILING ADDRESS.	
3	FRITZ COMPANIES, INC.	7-25-95	U257	131	2,350,000		
4	P-3 /PARKWAY, L.L.C.	4-10-97	K282	735		200 fifth Ave. Seattle, Washington Ste 300 98104	
5	WESTERN PACIFIC REALTY ADVISORS OF NEVADA, INC.	9-2-97	H289	517		350 S. Center St # 330 Reno, Nevada 98501	
6	WESTERN PACIFIC SC, LLC TWENTY FIRST PROPERTIES, INC	10-22-99	K336	777	1,468,125	212 N. Columbia Ave. Ste 300 Tulsa, OK 74115 3505	
7	TWENTY FIRST PROPERTIES, INC KUDRNA, James A.	10-22-99	K336	770		200 S. Madison Pkwy # 211 Reno NV 89511	
8	TEWENTY FIRST PROPERTIES INC	10-22-99	K336	633	1,141,875	212 N. Columbia Ave Ste 300 Tulsa OK 74115 3505	
9							
10							
11							
12							
13							

14 PROPERTY LOCATION Off, SCL RR parcel to King St Ext | SUBDIVISION

15 Lot SEC. A & B OF LT. 1 | Block | Tract No | Parcel No | Other

16 ACREAGE: High Land 9.99 Marsh Land | Other | TotalAcres 9.99 | ACREAGE FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

17 MEASUREMENTS: Road Frontage X X X X X X X

18 PLATS RECORDED IN AD-117, H105-47, AH-81, A112-439, Unrecorded Plat By Robert Frank, EA-683, X257-1 | COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER

19 PLATS

20	YEAR ASSESSMENT FOR	1974								
21	LAND ASSESSMENT $				COMPUTERIZED					
22	BUILDING ASSESSMENT $				APR 18 1997					
23	TOTAL ASSESSMENT $				BY: bld					
24	NUMBER OF BUILDINGS				9-10-97					
25	TOTAL APPRAISED VALUE $									

COMPUTERIZED NOV 23 1999

LINE# 1--Prc retire due to filling of ownership space. 4-18-97 lbs

LINE #6-- Deed K336 777 is conveying 56.25% to Tewnty First Properties, INC. SP 11-1-99

LINE #7-- Deed K336 770 is conveying 43.75% interest to James A. Kudrna. SP 11-1-99

LINE #8-- Deed K336 633 is conveying the last bit of interest 43.75. SP 1-11-99

Tract 4, Tract 4A, Tract 4B, Tract 4C, and Tract 4D

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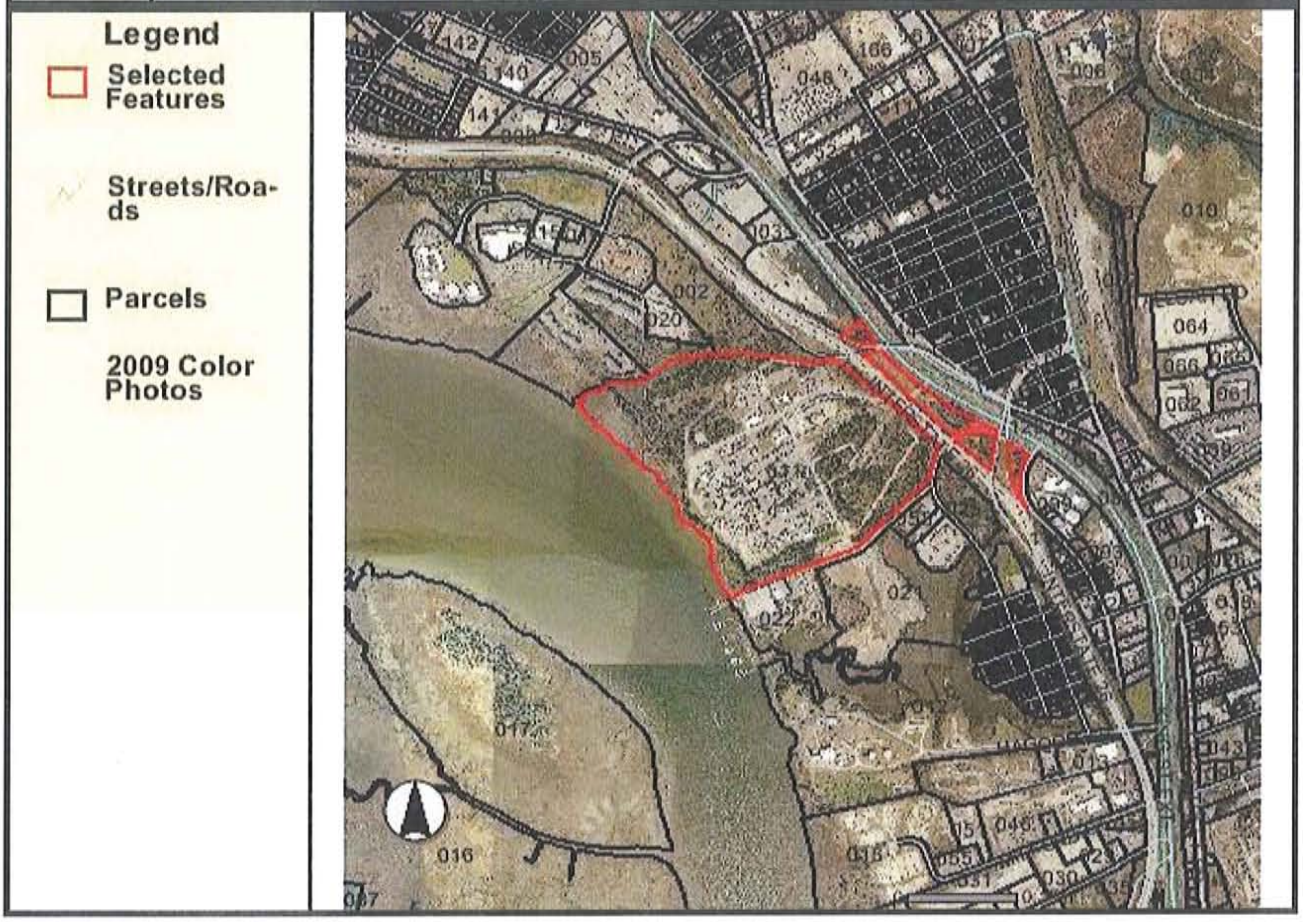
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660000011

PARCEL ID:	4660000011
STREET NUMBER:	2151
STREET NAME:	KING ST EXT
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	SCTC #1970028-002 (RHODIA INC)
GENERAL USE:	MFM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	ASSESSMENT INCLUDED IN PERSONAL PROPERTY
LGL HI ACRES:	105.07
LGL MAR ACRES:	16.75
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	121.82
TAX DISTRICT:	72
JURISDICTION:	SCT
PLAT BOOK:	C-33
OWNER ON 1ST:	ALBRIGHT AND WILSON INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	X144-184
WILL CODE:	
WILL DATE:	
C O NAME:	RHODIA INC
MAIL STREET NUMBER:	2151
MAIL STREET NAME:	KING STREET EXT
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-6124
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 0 — 0	LOT 11	GEOGRAPHICAL AREA	CITY OF CHARLESTON			TAX DISTRICT NO. 7-2	X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	VIRGINIA-CAROLINA CHEMICAL CORP.		M34	6				
4.	SOCONY MOBIL OIL COMPANY, INC. (3)	2-20-64v	V79	11			[illegible] 19103 Pa	X
5.	MOBIL OIL CORPORATION	11-24-70	R95	348			[illegible]	X
6.	ALBRIGHT & WILSON INC.	4-30-85	X144	184	4,400,000	31	PO Box [illegible], [illegible], Va 23260-6229	
7.								
8.								
9.								

10. PROPERTY LOCATION: 2151 King St [illegible] — SUBDIVISION

11. Lot: ASSESSMENT INCLUDED IN PERSONAL PROPERTY — Block — Tract No — Parcel No — Other SCTC 1724596-000

12. ACREAGE: High Land 105.07 Marsh Land 16.75 Total Acres 121.82 — ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (✓) — X

13. MEASUREMENTS: Road Frontage X X X X X X X

14. PLATS RECORDED IN C-33 — COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER — X

15. OVER * — X

16.	YEAR ASSESSMENT FOR		1970	1971								
17.	LAND ASSESSMENT	$	18965	120,460								
18.	BUILDING ASSESSMENT	$	177090	51,870								
19.	TOTAL ASSESSMENT	$	196055 *	172,330								X
20.	NUMBER OF BUILDINGS		85									
21.	TOTAL APPRAISED VALUE	$										

COMPUTERIZED SEP 9 1986 By [illegible] 2/11/87 [illegible]

COMPUTERIZED

VERIFIED

CHECKED 8/26/80 [illegible] 7/21/86

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #4--For deeds to individual tract see research in work sheet folder 466-0-0.

LINE #4--By deed V79-11 VIRGINIA CAROLINA CHEMICAL CORP. merged with SCOCONY MOBIL OIL COMPANY, INC .

LINE #14--Also plat references F-215, C-33, C-30, B-137, D20-258, D-200

LINE #15 & 19--Property and Asmts combined: Chicora Lane is 1B-450; Acct #0420200 is 5B-2700; PROSPHATE PRODUCTS IS 6B-45000; Standard Tract 68.37 is L-7200, 25B-52200, tot 59400; CHICORA 55.63 ac is L-4200, 16B=23460, tot 27660; Stono 6 tanks 870 67.10 ac is L-4700, 26B-41280, tot 45980; Imperial 23.88 ac is L-2865, 6B-12000, tot 14865. Combined by written request of company Tax Agent. Pt of current 7 tax entries in V.C.C. Corp. total ac 214.98, total asmt $196,055. PREVIOUSLY mapped as 164.0 ac hi. acreage changed by plat of owner. Unrecorded plat by Davis and Floyd in w/s folder.

Taxed by S. C. Tax Comm.

LINE#1--Previously carried as 466-0-0-11A and 11B. This has been changed to be carried as 466-0-0-11 as the building carried on 11B was demolished. Per HFC 8-25-72.

LINE #12--Previously mapped as 140.9 ac hi and 33.1 ac marsh. By plat AB-115 Tract A, B, and C was subdivided leaving 122.92 ac for 1974. See 466-0-0-21, 22 & 23. 10-12-73.
Previously mapped as 106.17 ac. H. Sold 1.1 ac. per deed E108-129 for 1976. See 466-16-0-99. 12-16-75.

LINE #5--Name changed by Merger.

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 8/2/77 ds
Formerly mapped as 466-0-0-11, Separated into A & B for 1979 by S. C. TC. A card is Juris code 3 and B card is Juris code 4 for bldg only. 8/23/79 ds
TMS # for 466-0-0-11A and B are deleted for 1980 because they did not qualify for manufacturers exemption special levy per Robert Stine. 8/25/80 pe
466-0-0-11 separated into A & B cards for 1983 per SCTC. 9/14/83 ds Improvements qualified for special levy.

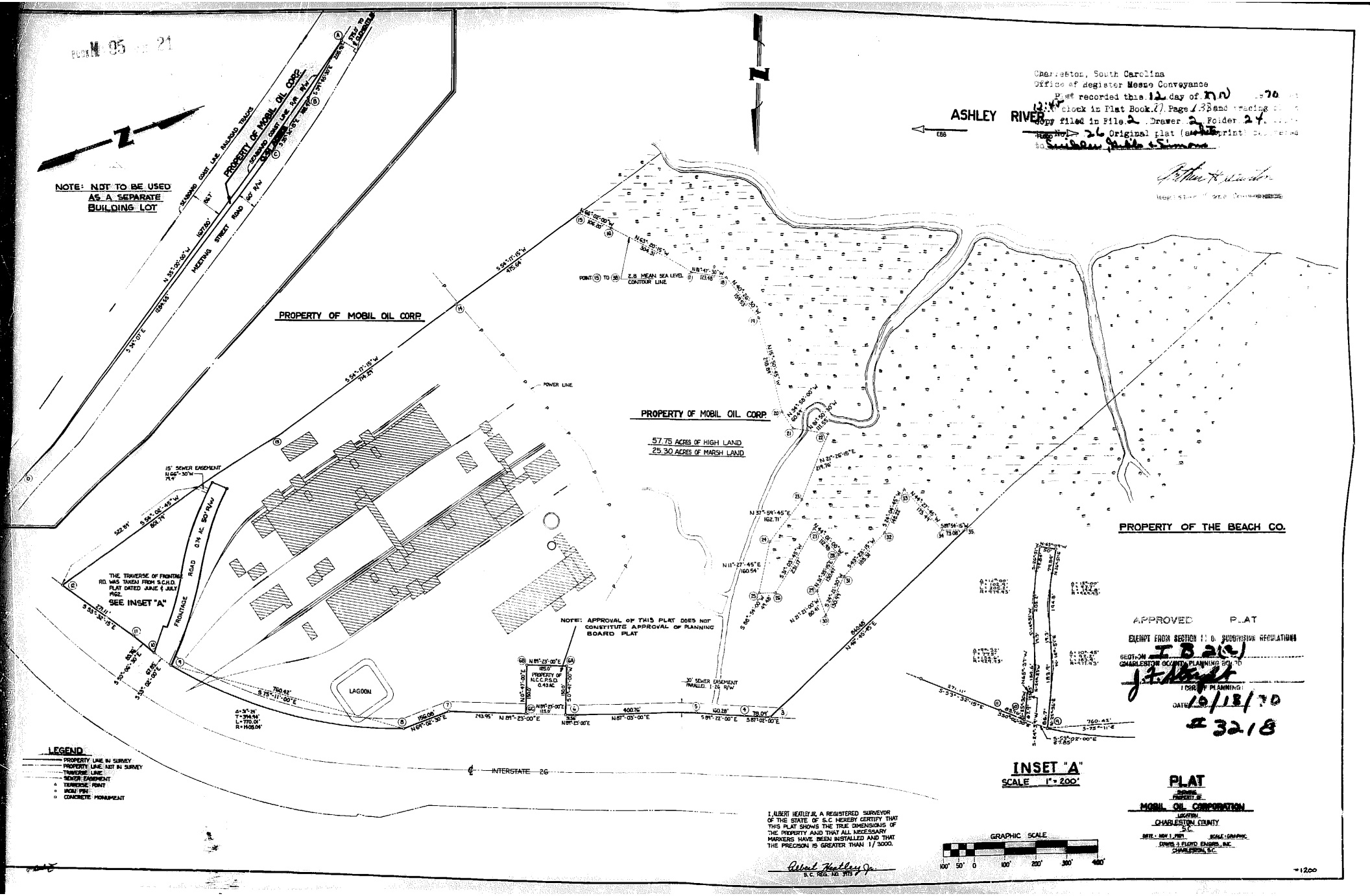
LINE #6--Plat P-62 is attachment of Hwy plans and show sec. bt 7-9-86 Also part of property shown on plat AH-81

LINE #1--466-0-0-11 A & B are deleted and combined in 466-0-0-11 for 1986. per SCTC listing 8-22-86. 9-6-86 ds

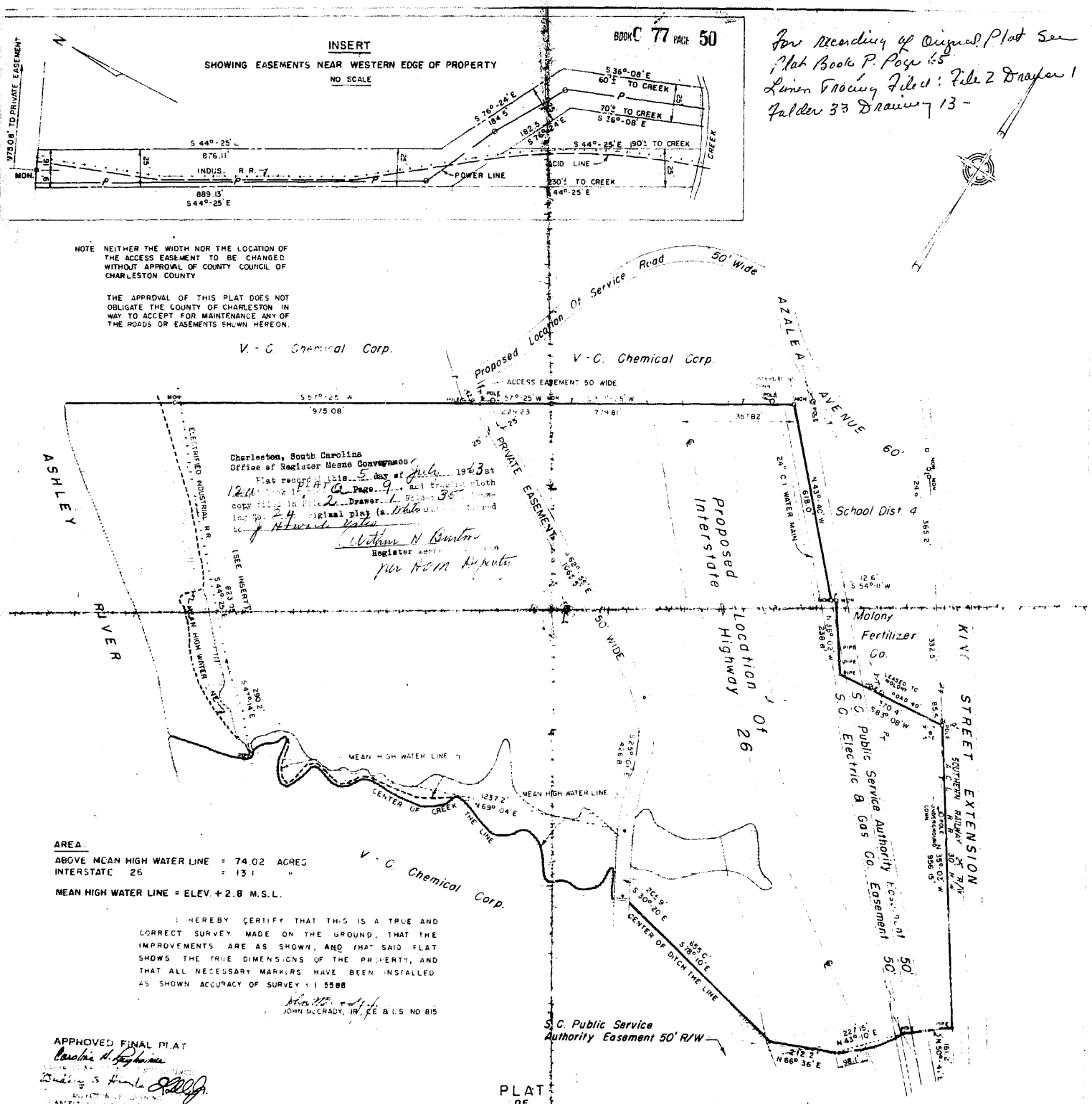
LINE #1--Previously mapped as 466-00-00-011 separated into A & B cards per SCTC notice dated 11/19/86 received by Auditor 1/15/87
A card is a juris code 3 and B card is a juris code 4 qualified for special levy for 1986. 2/11/87 pe
SCTC # changed from 610 ---88 to 610 --351. 8-18-89 ds

LINE #11-Changed SCTC number from 610-00351 to 1257273-001 per Dept of Revenue certification. 11-8-95 bld.

LINE #1--466-00-00-011A & B deleted and combined back as 466-00-00-011 for 1996 per Manufacturer's Worksheet dated 7-29-96 assessment included in personal property. Measurement change form sent to Assessor 8-21-96. 8-21-96 pae



BOOK M 05 PAGE 21
Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 12 day of Nov 1970
12:45 o'clock in Plat Book 27 Page 138 and tracing plat
copy filed in File 2 Drawer 2 Folder 24
Reg No 26 Original plat (and print) delivered
to Buckley, Jeffs & Simons
Register Mesne Conveyance
ASHLEY RIVER
NOTE: NOT TO BE USED AS A SEPARATE BUILDING LOT
PROPERTY OF MOBIL OIL CORP.
SEABOARD COAST LINE RAILROAD TRACKS
MEETING STREET ROAD
PROPERTY OF MOBIL OIL CORP.
57.75 ACRES OF HIGH LAND
25.30 ACRES OF MARSH LAND
POINT 15 TO 38 2.8 MEAN SEA LEVEL CONTOUR LINE
POWER LINE
15' SEWER EASEMENT
THE TRAVERSE OF FRONTAGE RD. WAS TAKEN FROM S.C.H.D. PLAT DATED JUNE & JULY 1962.
SEE INSET "A"
FRONTAGE ROAD 0.74 AC. 50' R/W
LAGOON
NOTE: APPROVAL OF THIS PLAT DOES NOT CONSTITUTE APPROVAL OF PLANNING BOARD PLAT
PROPERTY OF N.C.C.P.S.D. 0.43 AC
30' SEWER EASEMENT (WALLS) 1.26 R/W
PROPERTY OF THE BEACH CO.
INTERSTATE 26
LEGEND
PROPERTY LINE IN SURVEY
PROPERTY LINE NOT IN SURVEY
TRAVERSE LINE
SEWER EASEMENT
TRAVERSE POINT
IRON PIN
CONCRETE MONUMENT
APPROVED PLAT
EXEMPT FROM SECTION 11 OF SUBDIVISION REGULATIONS
SECTION I B 2(a)
CHARLESTON COUNTY PLANNING BOARD
DIR. OF PLANNING
DATE 10/18/70
#3218
INSET "A"
SCALE 1" = 200'
I, ALBERT HEATLEY JR, A REGISTERED SURVEYOR OF THE STATE OF S.C. HEREBY CERTIFY THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THE PROPERTY AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THAT THE PRECISON IS GREATER THAN 1/3000.
Albert Heatley Jr.
S.C. REG. NO. 3173
GRAPHIC SCALE
100' 50' 0 100' 200' 300' 400'
PLAT
SHOWING PROPERTY OF
MOBIL OIL CORPORATION
LOCATION
CHARLESTON COUNTY
S.C.
DATE: NOV 1, 1971
SCALE: GRAPHIC
DAVIS & FLOYD ENGRS., INC.
CHARLESTON, S.C.



PLAT
OF
A PORTION OF PROPERTY OWNED BY
VIRGINIA - CAROLINA CHEMICAL CORP.
CHARLESTON COUNTY, SOUTH CAROLINA
SURVEYED BY
CUMMINGS & McCRADY
ARCHITECTS - ENGINEERS

Tract 5 and Tract 68

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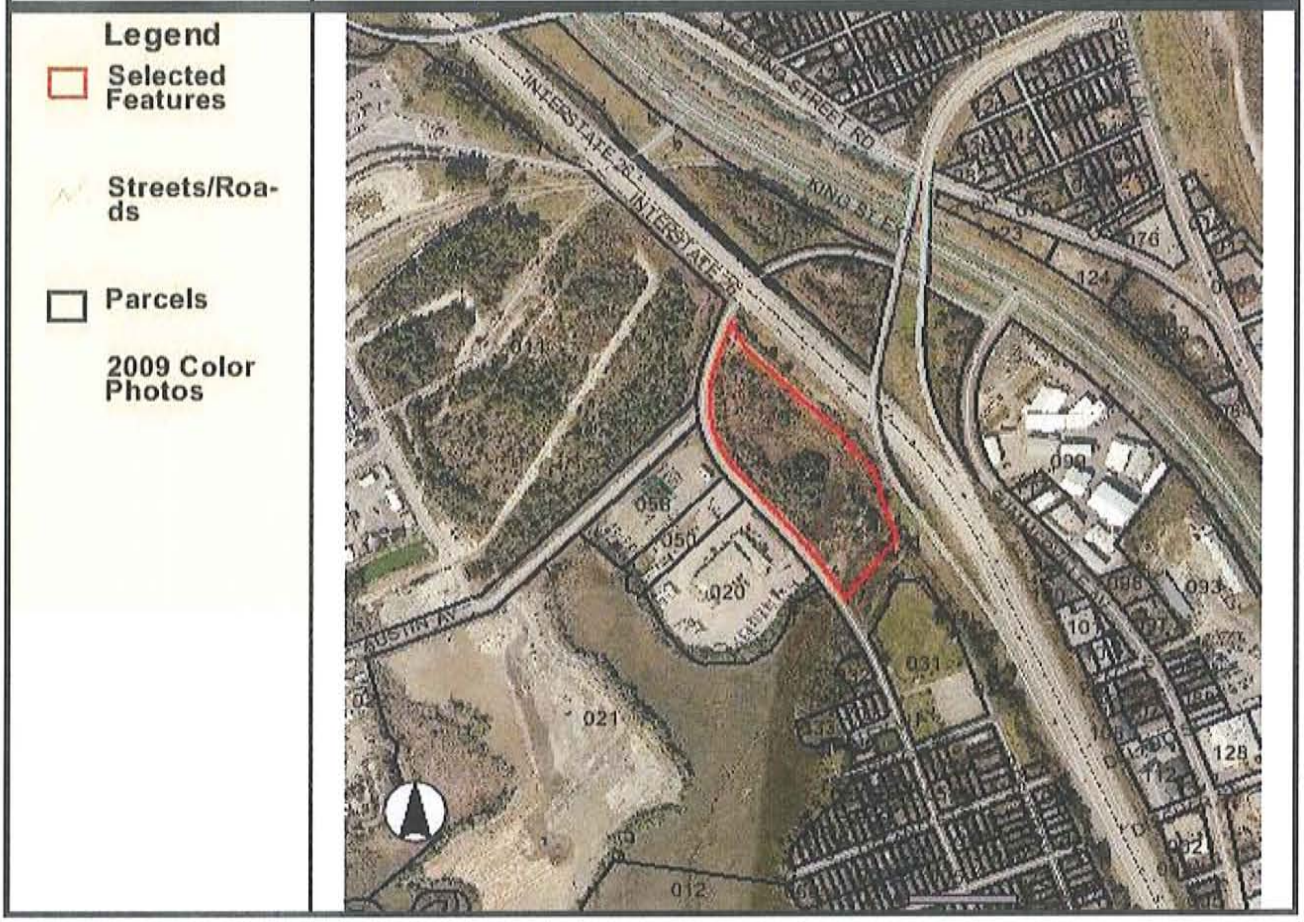
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660000023

PARCEL ID:	4660000023
STREET NUMBER:	0
STREET NAME:	AUSTIN AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	TRACT C
LGL HI ACRES:	3.91
LGL MAR ACRES:	1.96
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	5.87
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	AB-115
OWNER ON 1ST:	ASHLEY II OF CHARLESTON LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/20/2003
DEED BOOK:	L449-050
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2655
MAIL STREET NAME:	EVATT LN STE 107
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8703
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	319150
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	266000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 0 — 0 LOT 23	GEOGRAPHICAL AREA	CITY OF CHARLESTON				TAX DISTRICT NO. 7-2		X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	SOCONY MOBIL OIL COMPANY, INC. (1)	2-20-64	V79	11			[illegible]		
4.	MOBIL OIL CORPORATION	11-24-70	R95	348					X
5.	MOBIL FOUNDATION, INC.	09/8/76	H110	343			[illegible]		X
6.	VAN NESS SIGN & LEASING COMPANY	10-13-83	H133	237	60,000	3	[illegible]		
7.	ASHLEY II OF CHARLESTON LLC	5-20-03	L449	050	319,150		496 Meeting st Ste E Chas 29403		
8.									
9.									

10. PROPERTY LOCATION [illegible] SUBDIVISION

11. Lot Block Tract No C Parcel No Other

12. ACREAGE: High Land 3.71 Marsh Land 1.76 Total Acres 5.87 ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage X X X X X X X

14. PLATS RECORDED IN AB-115, Z101-326 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER

15.

16.	YEAR ASSESSMENT FOR	1973										
17.	LAND ASSESSMENT $											
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	*										X
20.	NUMBER OF BUILDINGS											
21.	TOTAL APPRAISED VALUE $											

COMPUTERIZED
CHECKED
10/21/83 dr

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--Subdivided by plat AB-115 for 1974 from 466-0-0-11. Previously assessed in 174.0 ac. 10-12-73.

LINE #4--Name changed per merger.

LINE#5--Deed includes TMS 466-0-0-21. 9-30-76. je.

ALso deed T110-239 is a re-record of deed H110-343. 11-9-76 je

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in City of Charleston annexation file. 8/2/77 ds

PLAT OF THREE TRACTS OF LAND SITUATE IN CHARLESTON COUNTY, S.C. AND OWNED BY MOBIL OIL CORPORATION. TRACT A CONTAINS 9.40 ACRES HIGHLAND AND 1.22 ACRES± MARSH, TRACT B CONTAINS 21.32 ACRES HIGHLAND AND 13.17 ACRES MARSH, AND TRACT C CONTAINS 3.91 ACRES HIGHLAND AND 1.96 ACRES MARSH.

SCALE 1" = 100' NOVEMBER 6, 1972

E. M. SEABROOK, JR., INC.
ENGINEERS-SURVEYORS-PLANNERS

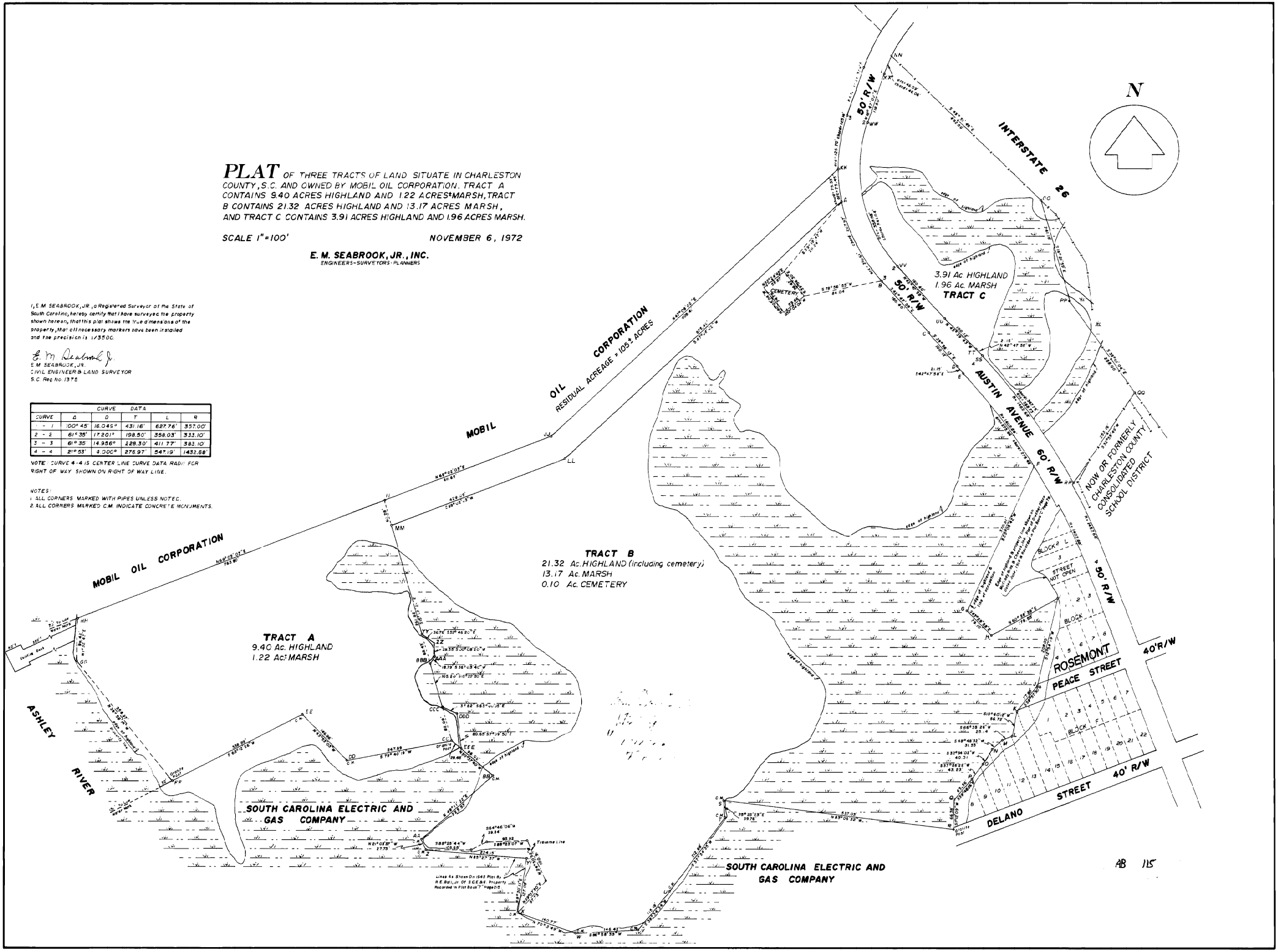
I, E.M. SEABROOK, JR., a Registered Surveyor of the State of South Carolina, hereby certify that I have surveyed the property shown hereon, that this plat shows the true dimensions of the property, that all necessary markers have been installed and the precision is 1/3500.

E. M. Seabrook Jr.
E.M. SEABROOK, JR.
CIVIL ENGINEER & LAND SURVEYOR
S.C. Reg. No. 1375

CURVE DATA					
CURVE	Δ	D	T	L	R
1 - 1	100° 45'	16.045°	431.16'	627.76'	357.00'
2 - 2	61° 35'	17.201°	198.50'	358.03'	333.10'
3 - 3	61° 35'	14.956°	228.30'	411.77'	383.10'
4 - 4	21° 53'	4.000°	276.97'	547.19'	1432.68'

NOTE: CURVE 4-4 IS CENTER LINE CURVE DATA RADII FOR RIGHT OF WAY SHOWN ON RIGHT OF WAY LINE.

NOTES:
1. ALL CORNERS MARKED WITH PIPES UNLESS NOTED.
2. ALL CORNERS MARKED C.M. INDICATE CONCRETE MONUMENTS.



CHARLESTON COUNTY
SOUTH CAROLINA

Tract 6

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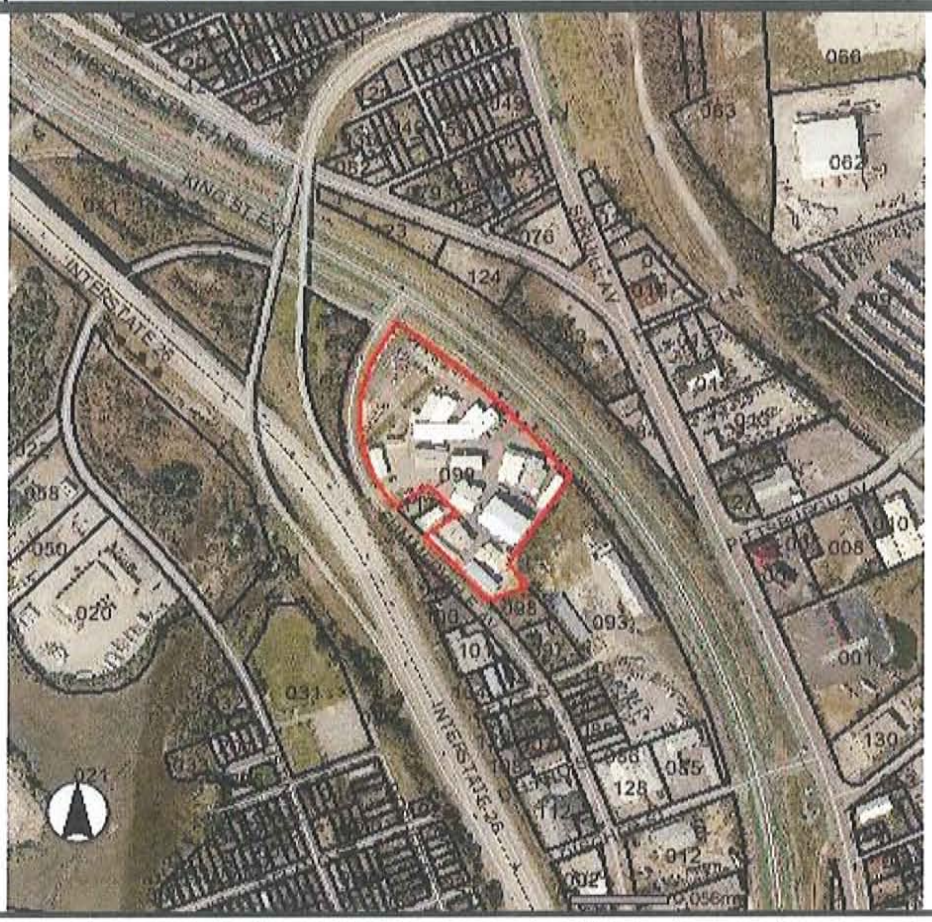
North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4661600099

PARCEL ID:	4661600099
STREET NUMBER:	2031
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	CORNER OF KING
GENERAL USE:	WHS
MOBILE HOMES:	0
SUBDIVISION:	KING ST EXT
LEGAL DESCRIPTION:	
LGL HI ACRES:	6.3
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	6.3
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	U-31
OWNER ON 1ST:	ALBRECHT ALBRECHT AND SHULER
OWNER2 ON 1ST:	A PARTNERSHIP

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	7/1/1991
DEED BOOK:	Y204-079
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 20039
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-0039
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	550000
MULT LOT:	3
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	2205000
BUILD COUNT:	16
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0 LOT 99	GEOGRAPHICAL AREA	CITY OF CHARLESTON				TAX DISTRICT NO. 7-2		X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	ALBRECHT, Herman and Raymond D. RIKE								
4.	ALBRECHT, Herman (1)	6-1-61v	C74	91	49,867				X
5.	ALBRECHT, Eloise Van Ness	1990	90E	680	BY WILL		Lot 1 Cain Dr. 29464		X
6.	ALBRECHT, ALBRECHT AND SHULER, A PARTNERSHIP	7-31-91	Y204	079	550,000		2031 King St. Ext. Chas, 29405		X
7.									
8.									
9.									
10.	PROPERTY LOCATION 2031 King Street						SUBDIVISION:		
11.	Lot	Block	Tract No.		Parcel No		Other KING STREET EXTENSION		X
12.	ACREAGE: High Land 6.30	Marsh Land —	Total Acres 6.30		ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (✓)				X
13.	MEASUREMENTS: Road Frontage	X	X	X	X	X	X	X	
14.	PLATS RECORDED IN: C-163, E40-324, I-26 Plans, U-31, S107-300						COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓		
15.	OVER *								X

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	1150		COMPUTERIZED								
18.	BUILDING ASSESSMENT $	8795		MAR 5 1991								
19.	TOTAL ASSESSMENT $	9950 *										X
20.	NUMBER OF BUILDINGS	10		BY: P. A. E. 8/26/91 008								
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256 256A BLOCK 1 3 LOT 1 2-5
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #1--Previously mapped in North Charleston Dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 7/29/77 ds

LINE #11--Legal includes PT. Lts 3 thru 7, Lts 8 thru 13 Blk O Rosemont and 4.35 ac. hi & marsh . Legal changed by Buddy Seay for simplicity.

LINE #15--Auditors legals are: VCC 2.60 S AND D HI 1 25 S AND D MSH 0 50 4.35 ac-800, 9B-8670, tot 9470; ~~PTS Lts 3 & 4 Blk O is 2L-75, 2B-525, tot 600;~~ PTS LTS 5 and 6 BLK O is 2L-75, 1B-125, tot 200; PT LT 7 BLK O is 1L-40; LT 8 BLK O is 1L-40; LT 9 BLK O is 1L-40; LT 10 BLK O is 1L-40; LT 11 BLK O is 1L-40; LT 12 BLK O is 1L-40; LT 13 BLK O is 1L-40.

Hwy did not take Pt of Lots 5 & 7 Blk O, and should carry as whole lots. See 466-16-0-119 for Lots 3 & 4 Blk O Lots combined by common use and bldg extending over lines

LINE #19--Above asmts combined: for 1970 is 9L-1155, 10B-8795 tot 9,950 . This includes 4.35 ac.

LINE #12--Previously mapped as 5.2 ac. Per plat U-31 Area marked X, 1,1 ac. combined with 5.2 ac. for 1976. 12-16-75,

LINE #4--Per deed E108-129 Mobil Oil Corporation sells to Herman Albrecht 1.1 ac, marked Tract X. By certificate R-95-348 Socony-Mobil Oil Company, Inc.changed name to Mobil Oil Corporation, 11-24-1970. Mobil Oil Co., Inc. sold $3,500 , dtd. 11-26-75.

LINE #5--Will File #90ES10-00680. Devise/Descent is for 11 properties. bsk 2-28-91

LINE #5--Also see deed of distribution M200-088 from the Estate of Herman Albrecht to Eloise Van Ness Albrecht. 5/1/91 pe

LINE #6--Deed Y2-4-79 is for tMS#466-16-0-99, 117 & 119. bt 8-16-91

Tract 7

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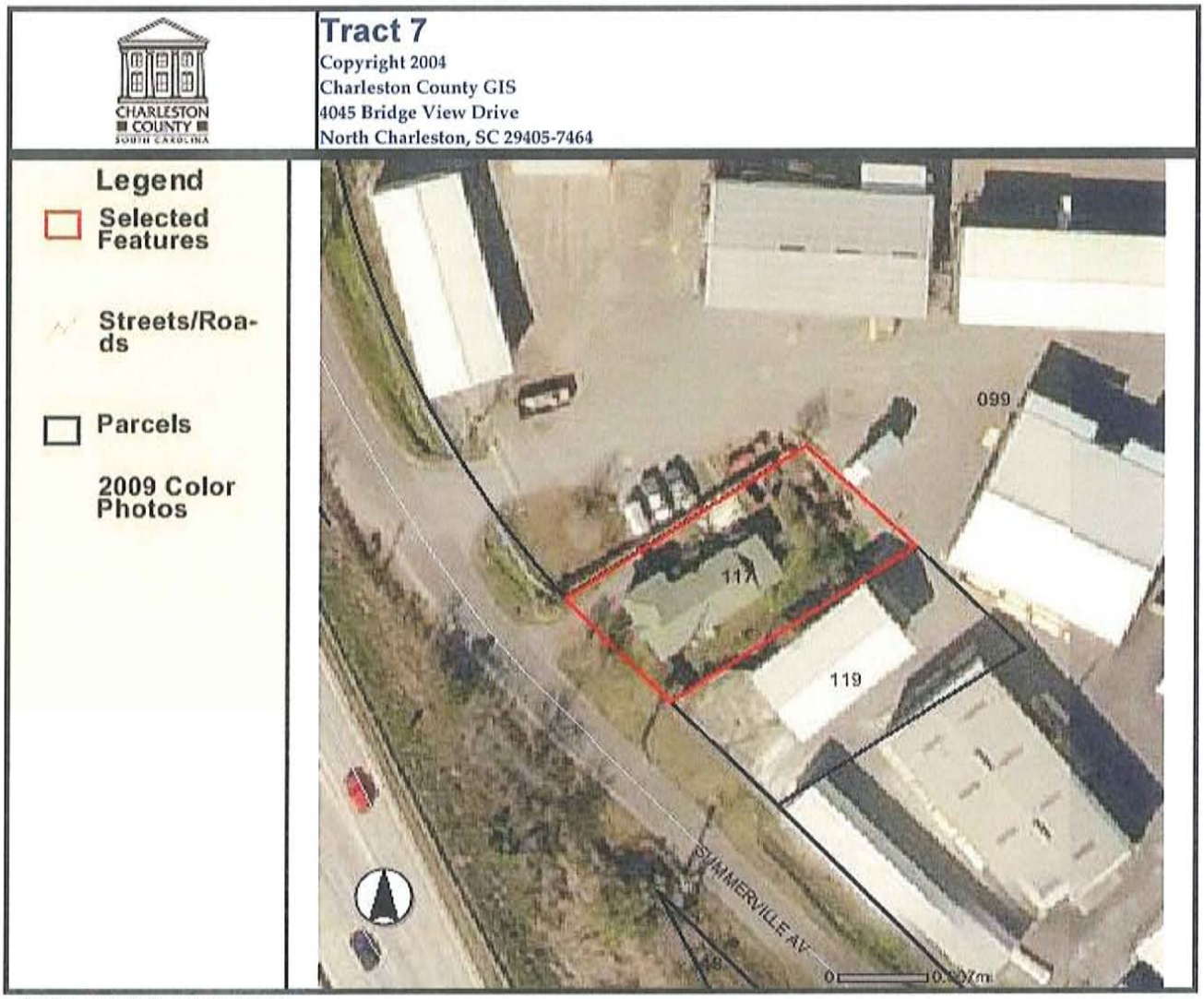


PARCEL NUMBER : 4661600117

PARCEL ID:	4661600117
STREET NUMBER:	2028
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	ROSEMONT
LEGAL DESCRIPTION:	PTS LT 1 & 2 BLK O
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	C-163
OWNER ON 1ST:	ALBRECHT ALBRECHT AND SHULER
OWNER2 ON 1ST:	A PARTNERSHIP

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	7/1/1991
DEED BOOK:	Y204-079
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 20039
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-0039
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	550000
MULT LOT:	3
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	30900
BUILD COUNT:	3
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	1935
BEDROOMS:	3
FULL BATHS:	1
THREE QTR BATHS:	0
HALF BATHS:	1
TOTAL FINISH AREA:	1106
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 117	GEOGRAPHICAL AREA	CITY OF CHARLESTON			TAX DISTRICT NO. 7-2	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	ALBRECHT, Herman (1)	6-61	C74	91				
4.	ALBRECHT, Eloise Van Ness	1990	90E	680	BY WILL		651 Cam Dr. 29464	X
5.	ALBRECHT, ALBRECHT AND SHULER, A PARTNERSHIP	7-31-91	Y204	079	550,000		2031 King St. Ext. Chas. 29425	X
6.								
7.								
8.								
9.								

10.	PROPERTY LOCATION 2028 SUMMERVILLE AVENUE		SUBDIVISION: ROSEMONT		
11.	Lot PARTS 1 and 2	Block 0	Tract No.	Parcel No.	Other X
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )	
13.	MEASUREMENTS: Road Frontage 60 x 117 x 60 x 120 x x x x				
14.	PLATS RECORDED IN: C-163			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓	
15.	PTS LTS 1 and 2 BLK 0 ROSEMONT				

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	75								CHECKED	
18.	BUILDING ASSESSMENT $	350	COMPUTERIZED							3-8-91 SW	
19.	TOTAL ASSESSMENT $	425	MAR 5 1991								
20.	NUMBER OF BUILDINGS	1	BY: P.A.E.								
21.	TOTAL APPRAISED VALUE $		8/26/91 PAE								

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256A BLOCK 3 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

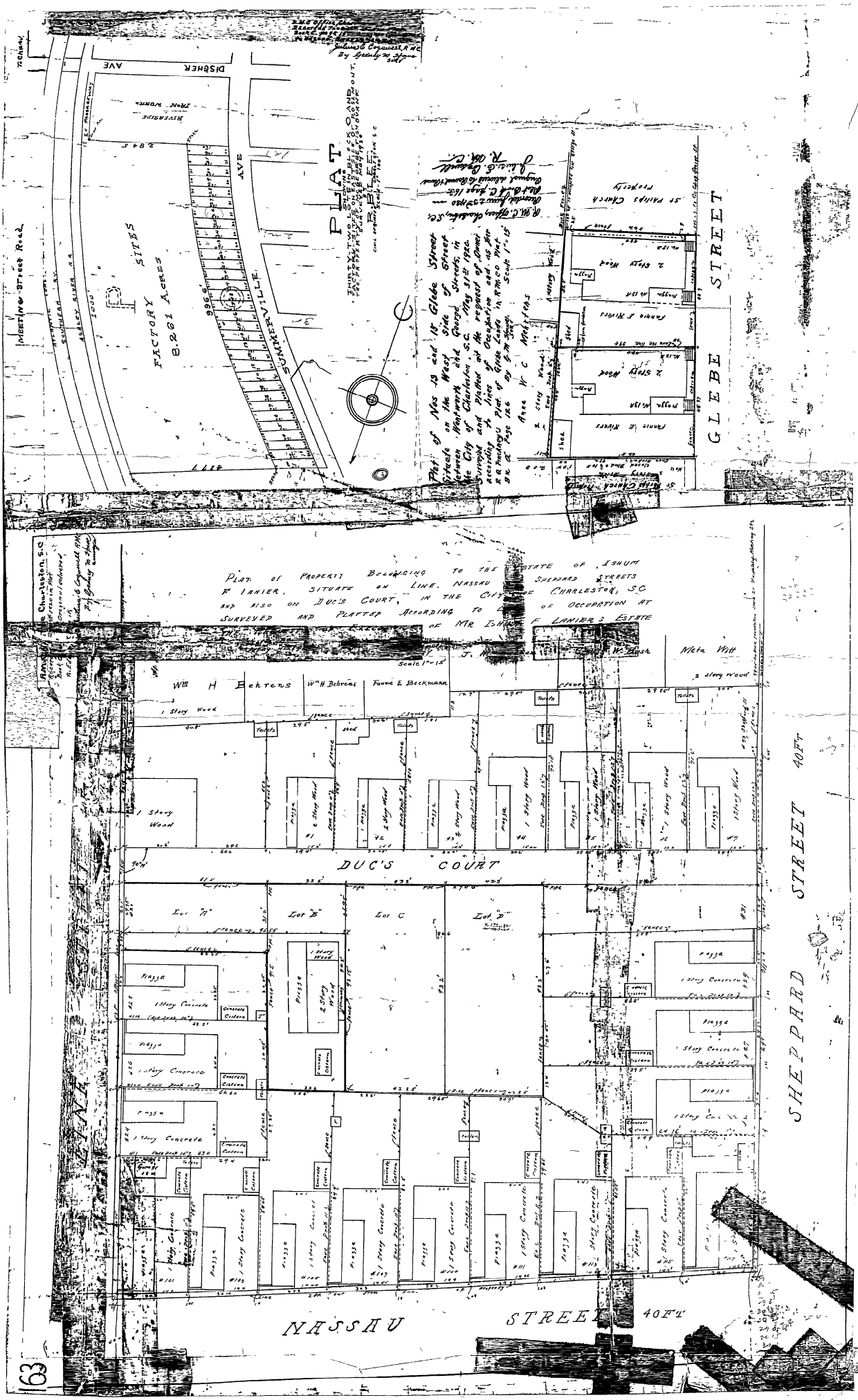
LINE #11--Pt of Lots taken for I-26

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304, and letters filed in annexation file for City of Charleston. 7/29/77 ds

LINE #4--Will File #90ES10-00680. Devise/Descent is for 11 properties. bsk 2-28-91

LINE #4--Also see deed of distribution from the Estate pf Herman Albrecht to Eloise Van Ness Albrecht. 5/1/91 pe
Deed ref. is M200-088

LINE #5--Deed Y204-079 is for TMS#466-16-0-99, 117 & 119. bt 8-16-91



PLAT
DISCHER AVE
SUMMERVILLE AVE
FACTORY SITES
8.261 ACRES
MEETING Street Road
GLEBE STREET
St Philips Church Property
Plat of Nos 13 and 15 Glebe Street Situate on the West Side of Street between Wentworth and George Streets, in the City of Charleston, S.C. May 31st 1920. Surveyed and Platted at the request of Owner according to lines of Occupation and as per R.A. Tinckney's Plat of Glebe Lands in R.M.C.O. Plat B.K. A Page 126 by G.M. Meyers. Scale 1"=15'
Anna W. C. Meyers
Plat of Property Belonging to the Estate of Ishum F. Lanier, Situate on Line, Nassau Sheppard Streets and also on Duc's Court, in the City of Charleston, S.C. Surveyed and Platted According to Lines of Occupation at the Request of Executor of Mr Ishum F. Lanier's Estate
Scale 1"=15'
Wm H Behrens
Wm H Behrens
Fannie E Beckmann
Meta Witt
DUC'S COURT
Lot "A"
Lot "B"
Lot C
Lot "D"
SHEPPARD STREET 40 FT
NASSAU STREET 40 FT

63

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 8

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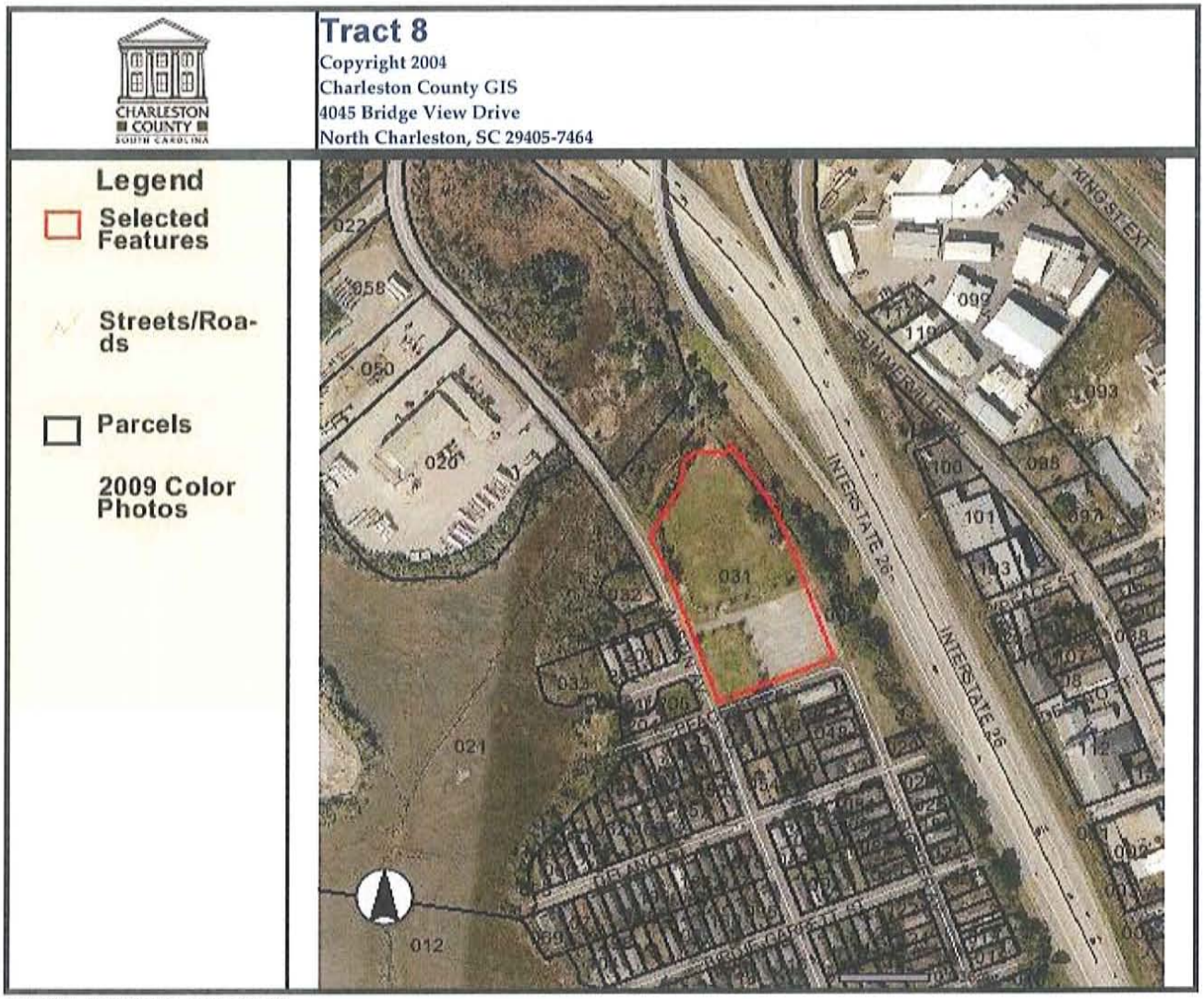

PARCEL NUMBER : 4640100031

PARCEL ID:	4640100031
STREET NUMBER:	0
STREET NAME:	PEACE ST
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	
LGL HI ACRES:	2.57
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	2.57
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	I-26
OWNER ON 1ST:	ROSEMONT ACRES INC
OWNER2 ON 1ST:	EQUIP CARE CENTER CHAS SC LLC

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/25/2006
DEED BOOK:	E571-257
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	210
MAIL STREET NAME:	ESSEX AVE E
MAIL UNIT:	
MAIL CITY:	AVENEL
MAIL STATE:	NJ
MAIL ZIP:	07001-2045
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	1027861
MULT LOT:	4
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	168000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 464 — 1 — 0	LOT 31	GEOGRAPHICAL AREA	CITY OF CHARLESTON			TAX DISTRICT NO. 7	X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	CHARLESTON COUNTY SCHOOL DISTRICT #4 (7)							X
4.	CHARLESTON COUNTY	8-12-75	K107	165		13	90 County Mgr County Office Bldg. Char 29401	
5.	FELTMANN CONTRACTING, INC.	10-17-95	B261	051	14,100		[illegible] Oak Cove [illegible] Hollywood [illegible]	X
6.	ROSEMONT DEVELOPMENT CORPORATION	6-24-96	T270	818	14,100		" "	X
7.	ROSEMONT ACRES INC and LIQUID TRANSPORT CORP	6-1-98	V303	556	94,000		1001 Lakeside Parkway Kingsland IN 25005	
8.								
9.								

10.	PROPERTY LOCATION: Peace [illegible] Austin [illegible] Ave.		SUBDIVISION		
11.	Lot OVER *	Block	Tract No	Parcel No	Other X
12.	ACREAGE: High Land 2.57	Marsh Land —	Total Acres 2.57	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )	
13.	MEASUREMENTS: Road Frontage 250 x 380 x 107.6 x 56.6 x 31.0 x 63.3 x 16 7K 181.3 x 316 1				X
14.	PLATS RECORDED IN C-78, I-26 Plans, AE-140, E107-321			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER	
15.					

16.	YEAR ASSESSMENT FOR	1970				COMPUTERIZED					
17.	LAND ASSESSMENT $		COMPUTERIZED			5-18-95 BL					
18.	BUILDING ASSESSMENT $			10-26-95 WFW							
19.	TOTAL ASSESSMENT $	*		7 9.96 bld							X
20.	NUMBER OF BUILDINGS										
21.	TOTAL APPRAISED VALUE $										

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256A BLOCK 1,5,8 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #3--Rosemont School

LINE #11--Legal reads: BLKS. H, K, N, and 3rd and 4th STS. FROM AUSTIN TO DOSCHER

LINE #19--Tax exempt

LINE #13--Previously mapped as 250 X 420 X 245s X 225 X 337. Per plat AE-140 dim. changed and ac. added for 1976. 9/19/75.

LINE #1--Previously mapped in North Charleston Dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file and letter dated 6/14/77. 6/22/77 ds Letters filed in annexation file for City of Charleston.

LINE #5--Jurisdiction code changed from 7 to 1 per deed B261-051 for 1996. 10/26/95 cfb

LINE #6--Derivation in ded T270-818 shows previous deed reference of B261-054. 7-9-96 bld.

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 9

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Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4661600118

PARCEL ID:	4661600118
STREET NUMBER:	0
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCR
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PT CHICORA
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	K51-531
OWNER ON 1ST:	CRISP ARTHUR E
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	12/29/2007
DEED BOOK:	T621-707
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	358
MAIL STREET NAME:	MARTELLO DR
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29412-2626
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	16400
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 118	GEOGRAPHICAL AREA	CITY OF CHARLESTON			TAX DISTRICT NO. 7-2	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	ALBRECHT, Herman (1)	6-61	C74	91				
4.	ALBRECHT, Eloise Van Ness	1990	90E	680	BY WILL		651 Cain Dr. 29464	X
5.	ALBRECHT, ALBRECHT, AND SHULER, A PARTNERSHIP	12-22-93	N236	230	550,000		2031 King St. Chas SC 29405	X
6.	ALBRECHT, Eloise Van Ness	2-27-96	V265	316			651 Chin Dr. Mt. Pleasant 29464	
7.	ALBRECHT, ALBRECHT AND SHULER A PARTNERSHIP	2-27-96	V265	328	550,000		2031 King St 29405	
8.	SOUTHERN CHEMICAL PRODUCTS COMPANY	7-13-00	C351	053	5,000		2001 Summerville Ave N Chas 29418	
9.								

10.	PROPERTY LOCATION: Summerville Ave.		SUBDIVISION:		
11.	Lot	Block	Tract No.	Parcel No.	Other PART CHICORA
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )	
13.	MEASUREMENTS: Road Frontage	155± x 50± x 145± x	x x x x		
14.	PLATS RECORDED IN: K51-531			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER	L
15.	PT CHICORA .16 ac				

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	50	COMPUTERIZED		COMPUTERIZED				CHECKED 3-8-91		
18.	BUILDING ASSESSMENT $		MAR 5 1991		MAY 22 1992						
19.	TOTAL ASSESSMENT $	50									
20.	NUMBER OF BUILDINGS	0	BY: P.A.E.		BY: P.A.E. 6/3/92 PAE						
21.	TOTAL APPRAISED VALUE $		3-13-96 BT		1-25-94 cdy						

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256 BLOCK 1 LOT 4
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 7/29/77 ds

LINE #4--Will File #90ES10-00680. Devise/Descent is for 11 properties. bsk 2-28-91

LINE #4--Also see deed of distribution M200-088 from the estate of Herman Albrecht to Eloise Van Ness Albrecht. 5/1/91 pe
Deed describes this property as Lot 13.

[illegible] 5-29-92 lbs.

LINE #5--A South Carolina general partnership. 1/14/94 cdf

LINE# 6--See Deed of Distribution V265-316 and FIle # 90-ES-10-00680 The Estate of Herman Albrecht. 3-12-96 lbs

Tract 10

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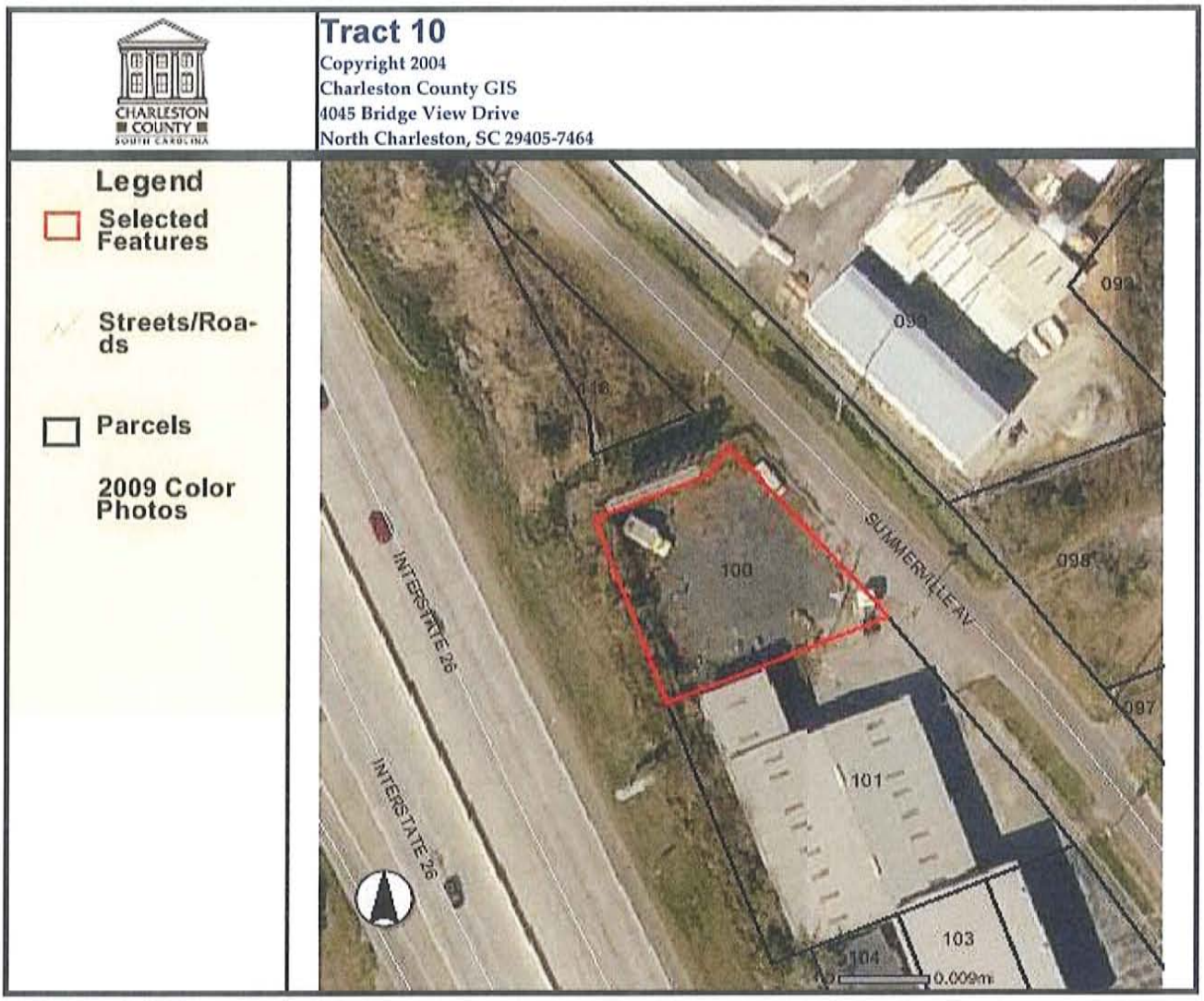

PARCEL NUMBER : 4661600100

PARCEL ID:	4661600100
STREET NUMBER:	0
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	COR FAIRWELL ST
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	ROSEMONT
LEGAL DESCRIPTION:	LT 10 11 & 12 BLK J DISCHER PLACE
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	K-133
OWNER ON 1ST:	CRISP ARTHUR E
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	12/29/2006
DEED BOOK:	T621-712
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	358
MAIL STREET NAME:	MARTELLO DR
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29412-2626
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	48100
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0 LOT 100	GEOGRAPHICAL AREA	CITY OF : CHARLESTON					TAX DISTRICT NO. 7-2	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	ROSEMONT BAPTIST CHURCH								
4.	SOUTHERN CHEMICAL PRODUCTS CO., INC. (1)	6-20-66v	V85	25					
5.									
6.									
7.									
8.									
9.									
10.	PROPERTY LOCATION Summerville Ave. & Fairwell Dr.				SUBDIVISION: ROSEMONT				
11.	Lot 10, 11 and 12	Block J	Tract No.		Parcel No.		Other DISCHER PLACE		
12.	ACREAGE: High Land	Marsh Land	Total Acres		ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )				
13.	MEASUREMENTS: Road Frontage 122 X 118 X 100 X 68 X 17 X X X								X
14.	PLATS RECORDED IN: C-78, K-133, AE-7, S105-141						COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓		
15.	LT 10 BLK J ROSEMONT C 78; LT 11 BLK J ROSEMONT C 78; LT 12 BLK J ROSEMONT C 78 *								X
16.	YEAR ASSESSMENT FOR:	1970							
17.	LAND ASSESSMENT $	150							
18.	BUILDING ASSESSMENT $								
19.	TOTAL ASSESSMENT $	150 *							X
20.	NUMBER OF BUILDINGS	0							
21.	TOTAL APPRAISED VALUE $								

COMPUTERIZED
5-23-95 BL

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256B BLOCK 6 LOT 7
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #15--Lots combined by K-133. DISCHER PLACE ADDED per plat C-78

LINE #19--Asmts combined: LT 10 BLK J is 1L-50; LT 11 BLK J is 1L-50; LT 12 BLK J is 1L-50.

LINE #13--Previously mapped as 169 X 122 X 100 X 47 X 34. Per plat AE-7 dim. changed for 1977. jk, 12-14-76.

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 7/29/77 ds

Tract 11

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Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4661600101

PARCEL ID:	4661600101
STREET NUMBER:	2001
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	SOUTHERN CHEMICAL
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	ROSEMONT
LEGAL DESCRIPTION:	LT 22 23 & 24 BLK G DISCHER PL AND PT FARWELL ST
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	K-133
OWNER ON 1ST:	ADJ AND ASSOCIATES
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	7/16/1986
DEED BOOK:	U155-538
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	1792
MAIL STREET NAME:	CHELWOOD CIR
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29407-3702
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	1
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	487800
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 101	GEOGRAPHICAL AREA	CITY OF CHARLESTON			TAX DISTRICT NO. 4 2	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	ROSEMONT BAPTIST CHURCH, Trustees of							
4.	SOUTHERN CHEMICAL PRODUCTS CO., INC.	6-20-66v	V85	25	13,500	3		X
5.	CRISP, Arthur E., Sr and Elizabeth W.	9-10-76	J110	185	8,000	3	2001 Summerville Ave Chas 29405	
6.	ADJ & ASSOCIATES	7-17-86	U155	538				X
7.								
8.								
9.								

10.	PROPERTY LOCATION: Summerville Ave & Farwell St.		SUBDIVISION: ROSEMONT	
11.	Lot 22, 23 and 24	Block G	Tract No.	Parcel No.	Other PT FARWELL ST 40'x 118' DISCHER PLACE
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage 145.1 x 160 x 140 x 118 x x x x			X
14.	PLATS RECORDED IN: C-78, K-133, AE-7, S105-141			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓
15.	LT 24 BLK G ROSEMONT C 78; LT 23 BLK G ROSEMONT C 78; LT 22 BLK G ROSEMONT C 78 *			X

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	150		COMPUTERIZED						CHECKED	
18.	BUILDING ASSESSMENT $			NOV 14 1986						1-26-87 de	
19.	TOTAL ASSESSMENT $	150 *		By [illegible]							X
20.	NUMBER OF BUILDINGS	0									
21.	TOTAL APPRAISED VALUE $										

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256A BLOCK 9 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #4--Deed V85-25 is for Lots 22, 23 & 24 Blk G and 10, 11 & 12 Blk J Rosemont

LINE #15--Lots combined by K-133. DISCHER PLACE added per plat C-78

LINE #19--Asmts combined: LT 24 Blk G is 1L-50; LT 23 BLK G is 1L-50; Lt 22 Blk G is LL-50.

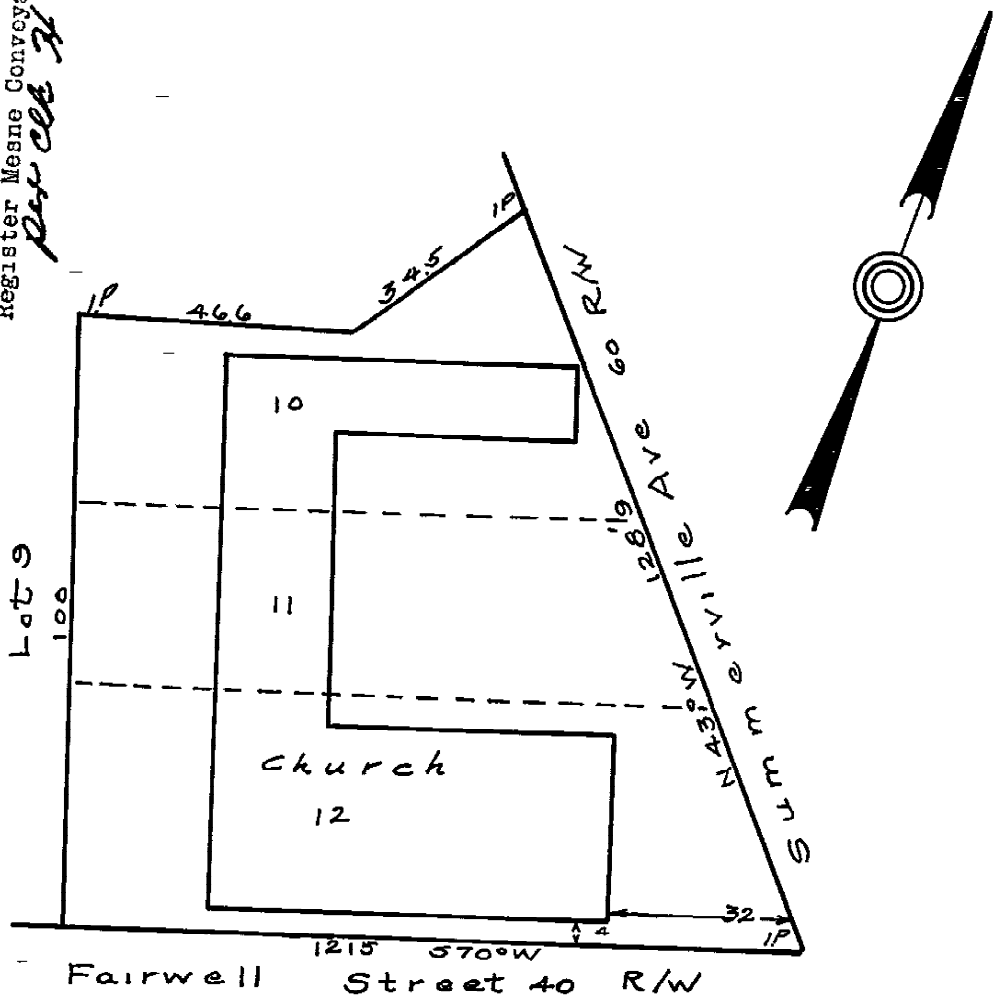
LINE #13--Previously mapped as 105.7 X 128.5 X 100 X 96. Per plat AE-7 combined 466-16-0-123, 100.1 X 33.9 X 99.7 X 32.6, in the name of Southern Chemical Products Co., Inc., dtd. 9-27-74, J105-112 for 1977. TMS 466-16-0-123 is deleted for 1977. jk, 12-14-76.

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 7/29/77 ds

LINE# 6--Deed also conveys 40 x 118 portion of Farwell street which is already included. Per Mapping, added to PRC for 1986. jwc 10-8-86

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 27 day of July 1956 at 10 30 o'clock in Plat Book K Page 133 and tracing cloth copy filed in File 3 Drawer 2 Folder 11, Drawing No 19 Original plat (a white print) delivered to Rosemont Baptist Church

Arthur H Burton
Register Mesne Conveyance
Per Clk H C



PLAT of

Lots Nos 10 11 and 12 Block J Rosemont

Owned by Rosemont Baptist Church

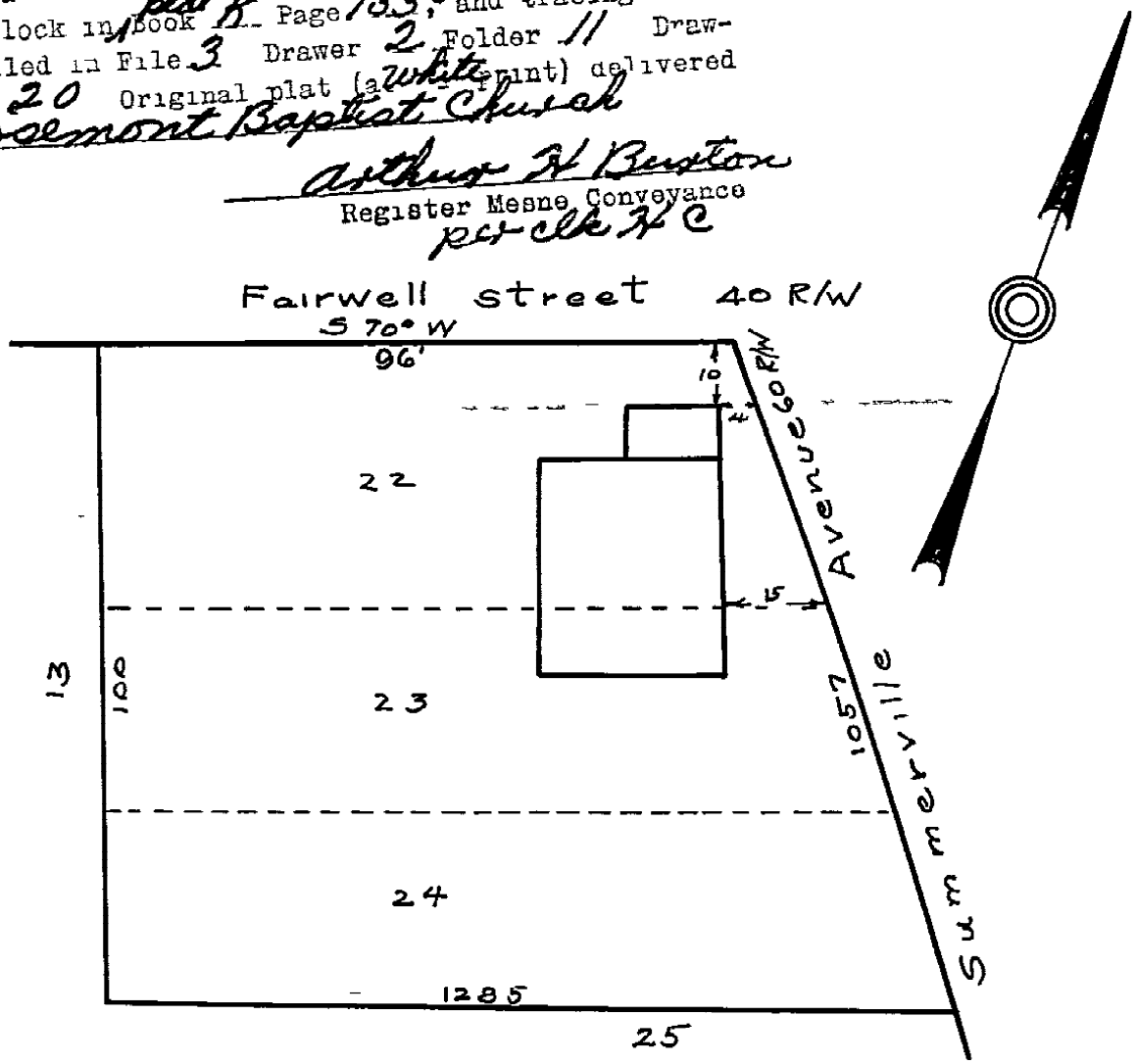
Near 4 Mile Charleston County S C

Surveyed July 1956 by A L Glen Req PE and LS

Scale 1" = 30

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 27 day of July 1956 at
10 30 clock in Book K Page 133, and tracing cloth
copy filed in File 3 Drawer 2 Folder 11 Draw-
ing No 20 Original plat (a White print) delivered
to Rosemont Baptist Church

Arthur H Buxton
Register Mesne Conveyance
Pct Clk H C



PLAT of

Lots Nos 22 23 and 24 Block G Rosemont

Owned by Rosemont Baptist Church

Near 4 Mile Charleston County, SC

Surveyed July 1956 by A L Glen, Reg PE and LS

Scale 1" = 30

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 12

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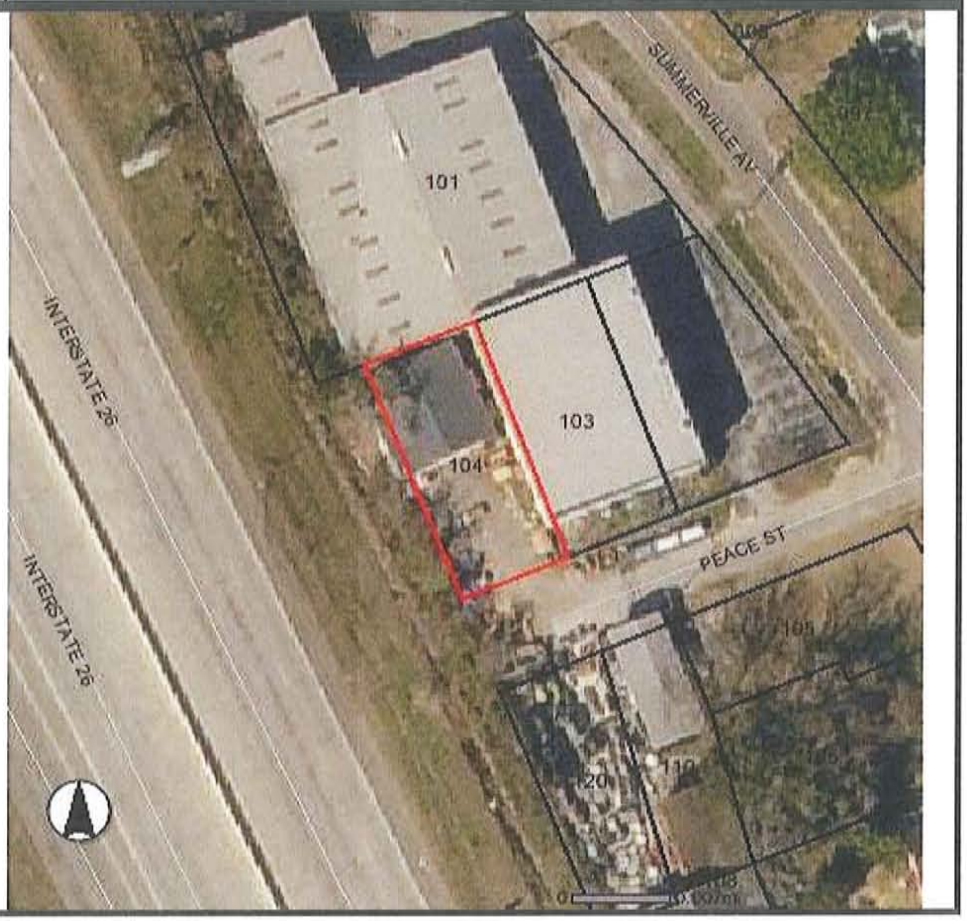
Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4661600104

PARCEL ID:	4661600104
STREET NUMBER:	0
STREET NAME:	PEACE ST
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	PALMETTO RUBBER PRODUCTS
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	BLOCK G TRACT 27-A JUNCTION OF PEACE ST AND I-26
LGL HI ACRES:	0.11
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0.11
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	Y-63
OWNER ON 1ST:	XIPHIAS HOLDINGS LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/4/2002
DEED BOOK:	Z392-429
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 22737
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-2737
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	6
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	57800
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 104	GEOGRAPHICAL AREA	CITY OF CHARLESTON		TAX DISTRICT NO. 4-2	X

2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	SOUTH CAROLINE STATE HIGHWAY DEPARTMENT						
4.	SHERMAN, Harold I. (1)	3-6-69v	D92	9	2,019	3	45 [illegible] St. Chas. SC.
5.	XIPHIAS HOLDINGS, LLC	1-4-02	Z392	429			P.O. Box 6009 Chas. SC 29405
6.							
7.							
8.							
9.							

10.	PROPERTY LOCATION: Peace St.		SUBDIVISION:	
11.	Lot	Block G	Tract No. 27A	Parcel No.	Other JUNCTION OF PEACE STREET AND I-26
12.	ACREAGE: High Land 0.11	Marsh Land	Total Acres 0.11	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage 43.5 x 100.4 x 49.4 x 100.6 x	x	x	x
14.	PLATS RECORDED IN: Y-63, D92-9, EF-280, Z392-152,			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓
15.	JUNCTION OF PEACE ST AND I 26 Y 63			

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	50							COMPUTERIZED		
18.	BUILDING ASSESSMENT $								5-23-95 BL		
19.	TOTAL ASSESSMENT $	50									
20.	NUMBER OF BUILDINGS	0									
21.	TOTAL APPRAISED VALUE $										

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256A BLOCK 9 LOT 20,21
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #1--Previously mapped in North Charleston Dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 7/29/77 ds

Tract 13

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Legend
- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4640100030

PARCEL ID:	4640100030
STREET NUMBER:	0
STREET NAME:	DOSCHER AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	UND
MOBILE HOMES:	0
SUBDIVISION:	ROSEMONT
LEGAL DESCRIPTION:	PT LTS 2 3 & 4 BLK G DISCHER PLACE
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	I-26
OWNER ON 1ST:	WILLIAMS MYRTICES
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	G062-104
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2400
MAIL STREET NAME:	LUPINE ST
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-6833
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	200
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 464 — 1 — 0 LOT 30	GEOGRAPHICAL AREA	CITY OF CHARLESTON				TAX DISTRICT NO. 7-2		X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	WILLIAMS, Myrtices (2)	1-55	G62	104					
4.									
5.									
6.									
7.									
8.									
9.									

10. PROPERTY LOCATION: Doscher Ave. SUBDIVISION: ROSEMONT

11. Lot: PARTS 2, 3 and 4 Block: G Tract No: Parcel No: Other: DISCHER PLACE X

12. ACREAGE: High Land Marsh Land Total Acres ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 60± x 18± x 62± x 35± x x x x

14. PLATS RECORDED IN: C-78, I-26 Plans COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER: C

15. PTS LTS 2 3 4 BLK G ROSEMONT

16.	YEAR ASSESSMENT FOR	1970										
17.	LAND ASSESSMENT $	30				COMPUTERIZED 5-1895 BC						
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	30										X
20.	NUMBER OF BUILDINGS	0										
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256A BLOCK 9 LOT 12
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #11--DISCHER PLACE added per plat C-78. Pt of lots taken by I-26

LINE #19--BAA Case No. 921E, date 12-15-71, decision reduced from $600 to $400.

LINE #1--Previously mapped in North Charleston Dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file and letter dated 6/14/77. 6/22/77 ds Letters filed in annexation file for City of Charleston.

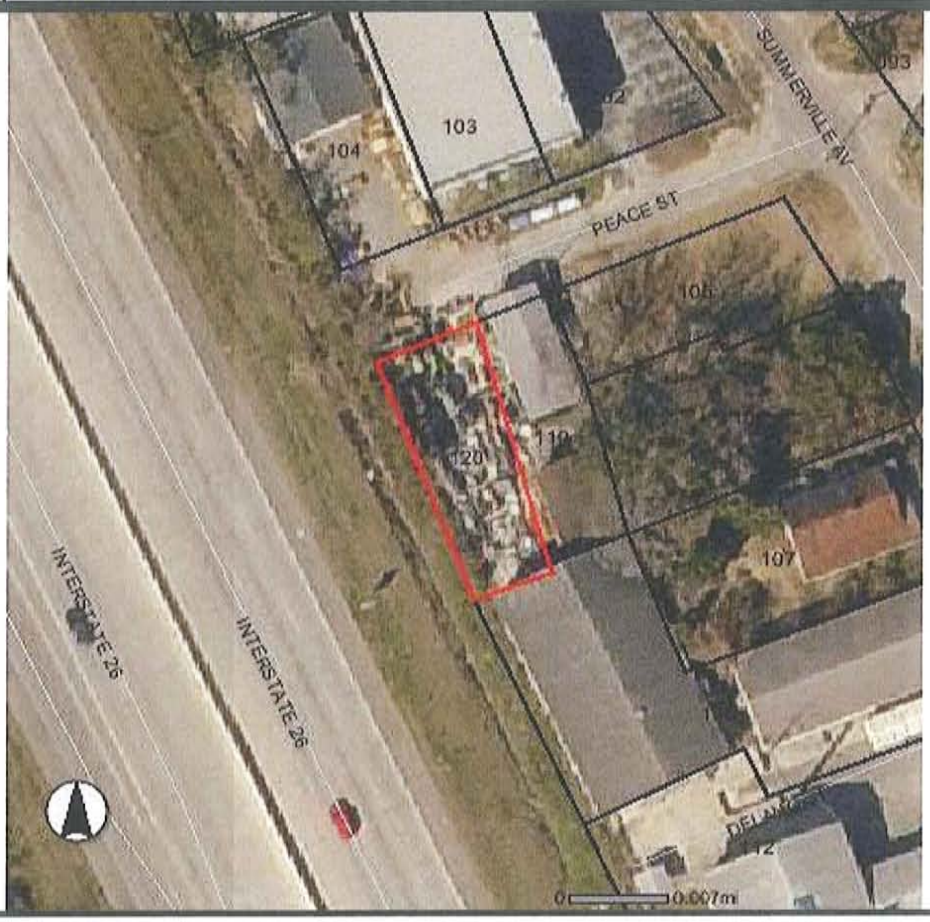
CHARLESTON COUNTY
SOUTH CAROLINA

Tract 14

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4661600120

PARCEL ID:	4661600120
STREET NUMBER:	0
STREET NAME:	PEACE ST
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	AND I-26
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	TR 73
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	W-128
OWNER ON 1ST:	XIPHIAS HOLDINGS LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/4/2002
DEED BOOK:	Z392-429
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 22737
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-2737
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	6
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	16300
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

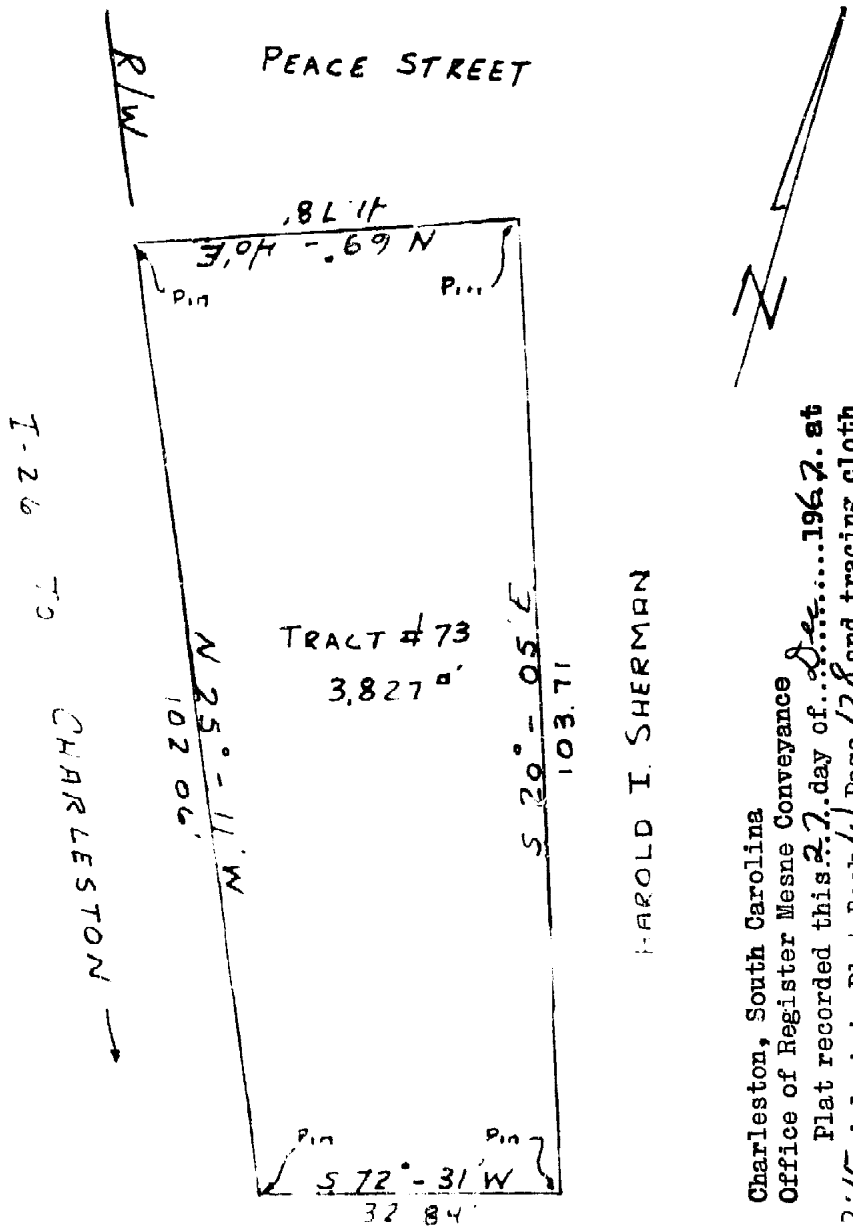
1.	T. M. No. 466 — 16 — 0	LOT 120	GEOGRAPHICAL AREA	CITY OF CHARLESTON				TAX DISTRICT NO. 7-2	X
2.	TITLE OF OWNERSHIP		DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	SHERMAN, Harold I.	O							
4.	XIPHIAS HOLDINGS, LLC		1-4-02	Z392	429			P.O. Box 6009 Chas. SC 29405	
5.									
6.									
7.									
8.									
9.									
10.	PROPERTY LOCATION: Pierce Street and I-26					SUBDIVISION:			
11.	Lot	Block D	Tract No. 73			Parcel No.		Other	
12.	ACREAGE: High Land 0.09	Marsh Land	Total Acres 0.09			ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )			
13.	MEASUREMENTS: Road Frontage 41.8 x 103.7 x 32.8 x 102.1 x	x	x	x					
14.	PLATS RECORDED IN: W-128, K89-65 EF-280, Z392-152					COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓			
15.	TRACT 73 W 128								

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	50									
18.	BUILDING ASSESSMENT $										
19.	TOTAL ASSESSMENT $	50									
20.	NUMBER OF BUILDINGS	0									
21.	TOTAL APPRAISED VALUE $										

COMPUTERIZED
5-23-95 BC

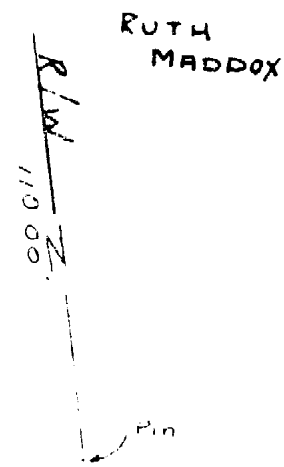
	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
22.						TMS BLOCK LOT
23.						
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file and letters filed in annexation file for City of Charleston. 7/29/77 ds



Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 22 day of Dec. 1967 at 2:15 o'clock in Plat Book W Page 128 and tracing cloth copy filed in File 4 Drawer 2 Folder 8, Drawing No. 4 Original plat (a white print) delivered to The Sherman Agency.

Arthur H. Burton
Register Mesne Conveyance



Plat Showing South Carolina State Highway Department Property Acquired From William W. Tutten in Conjunction with Construction of I-26 File 10.490 Tract 73 (SHEET 21)

Scale 1" = 20'

THIS PLAT PREPARED UNDER MY SUPERVISION [signature] R.P.E. 2837 APRIL 14, 1967

Tract 15

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4661600108

PARCEL ID:	4661600108
STREET NUMBER:	1913
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	ROSEMONT
LEGAL DESCRIPTION:	LT 30 BLK D DISCHER PLACE
LGL HI ACRES:	0.31
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0.31
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	EG-474
OWNER ON 1ST:	XIPHIAS HOLDINGS LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/4/2002
DEED BOOK:	Z392-429
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 22737
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-2737
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	6
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	271500
BUILD COUNT:	3
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

T. M. No. 466 — 16 — 0 LOT 103 GEOGRAPHICAL AREA CITY OF CHARLESTON TAX DISTRICT NO. 7-2 X

	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	MAPPUS, Lottie F., Estate of						
4.	SHERMAN, Minnie R. (D)	8-31-64v	D81	34	3,000		
5.	XIPHIAS HOLDINGS, LLC	1-4-02	Z392	429			P.O. Box 6009 Chas. SC 29405
6.							
7.							
8.							
9.							

10. PROPERTY LOCATION 1913 SUMMERVILLE AVENUE SUBDIVISION: ROSEMONT

11. Lot 30 Block D Tract No. Parcel No. Other DISCHER PLACE

12. ACREAGE: High Land 0.31 Marsh Land Total Acres 0.31 ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage X X X X X X X

14. PLATS RECORDED IN: C-78 EF-280, Z392-152, EG-474, V456-543 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15. 30 D ROSEMONT X

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	40							COMPUTERIZED			
18.	BUILDING ASSESSMENT $	1080							5-23-95 BV			
19.	TOTAL ASSESSMENT $	1120										X
20.	NUMBER OF BUILDINGS	1										
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256B BLOCK 3 LOT 5
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #15--DISCHER PLACE added per plat C-78

LINE #19--File #2517 dtd 7-20-70, for 1970 asmt change

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by court action file 76-2304 and letters filed in annexation file for City of Charleston. 7/29/77 ds

LINE# 1--Prev. Mapped as Lot 30 Blk D, 0.11 ac. hi. By Plat EG-474 delete the following PID# 466-16-00-131 and 132 and combine it with this card, also a portion of Delano Ave is combine for 2004, new acreage for this card is 0.31 ac. hi. Lot 30 Blk D. 9-23-03 lbs

NOTES:

1. Reference Tax Map Numbers: 466-16-00-108, 112, AND PARTS OF 110, AND 111

BK V456PG543

2. Reference Plat Book EF, Page 280
   Reference Plat Book C page 76
   Reference Plat Book C page 160
   Reference Plat Book C page 163
   Reference Plat Book K page 133
   Reference Plat Book P page 137
   Reference Plat Book S page 143
   Reference Plat Book W page 79
   Reference Plat Book W page 128 (TRACT 80)
   Reference Plat Book Y page 93 (TRACT 79)
   Reference Plat Book CF page 90
   Reference Plat in Deed Book V28 page 252

3. Property Owner: Xiphias Holdings, LLC (LOTS 15, 16, 24, 27, 28, 30 and TRACTS 79 & 80)

4. Delano Avenue to be conveyed to Xiphias Holdings, LLC

5. This lot has been checked against area FEMA maps and to the best of this surveyor's knowledge, said lot is located in a Special Flood Hazard area.
   455412 0015 D 11/5/86 INDEX 11/4/92 Zones "B" and A5 (13')

6. This survey does not constitute a title search or any other facts than an accurate and current title search may disclose

7. No underground utilities were located on this survey.

8. Interstate Right of Way shown as referenced in SCDOT docket number 10.490 sheet 21

9. Public water & public sewer provided by Commissioners Of Public Works

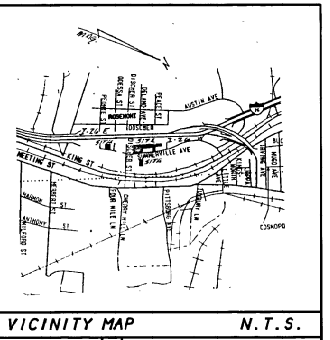
LEGEND:

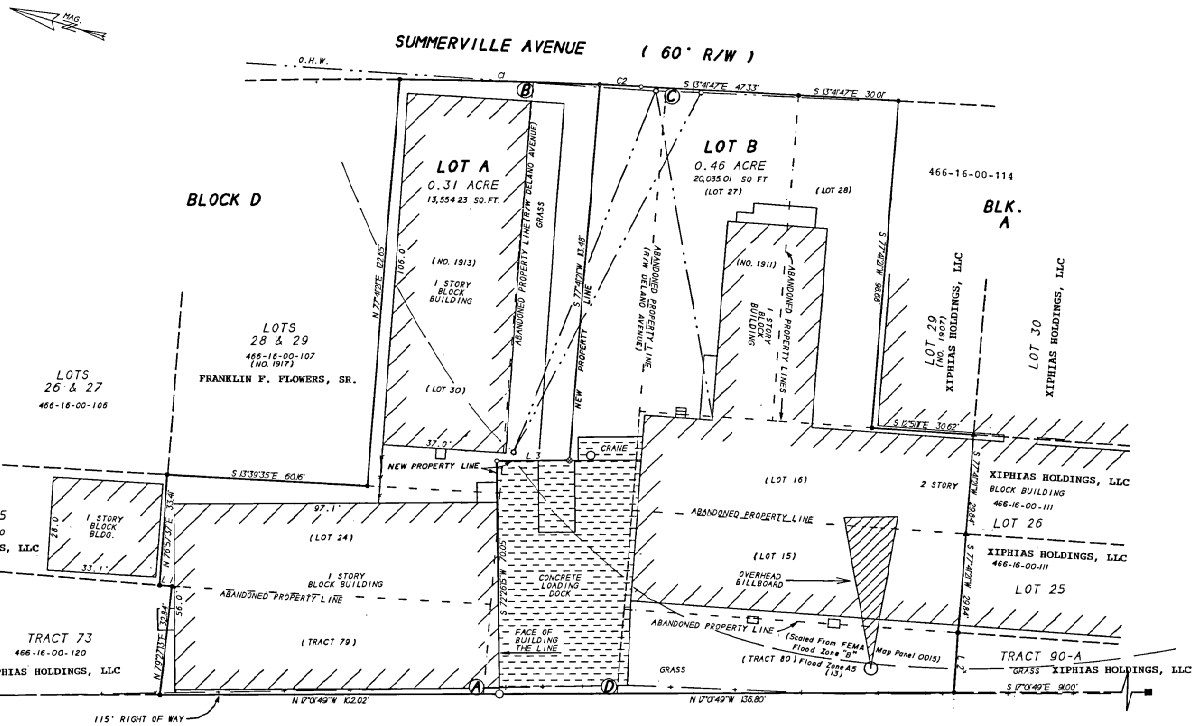
- ● 1" Iron Pipe (old)
- ○ 1/2" Iron Rebar (new)
- ◆ P.K. Nail Set
- ⊙ Power Pole
- ▲ Calculated Point
- ■ 4" Concrete R/W Monument

Curve	Delta Angle	Radius	Arc	Tangent	Chord	Chord Bearing
1	1° 12' 16"	1504.62	60.01	30.04	60.07	S 15° 19' 24" E
2	0° 26' 39"	1504.62	12.69	6.34	12.69	S 13° 55' 21" E

Line	Bearing	Distance
1	N 12° 00' 31" W	3.67'
2	S 76° 37' 50" W	18.00'
3	N 17° 10' 20" W	21.87'

AREA OF A,B,C,D,A - 0.17 ACRE (7,350.59 S.F.)
(FORMERLY A PORTION OF DELANO AVENUE)





PLAT TO COMBINE
LOTS 24, 30, TRACT 79, AND A PORTION OF DELANO AVENUE INTO LOT A
AND
LOTS 15, 16, 27, 28, TRACT 80 AND A PORTION OF DELANO AVENUE INTO LOT B
ROSEMONT AND RICHLAND VILLAGE

LOCATED

City of Charleston

Charleston County, South Carolina

DATE: OCTOBER 8, 2002 SCALE 1" = 20'

0 20 40

ENGINEERING DIVISION
CITY OF CHARLESTON

DATE PLAT APPROVED 12-2-03

APPROVED BY CITY ENGINEER

APPROVED BY: [signature]
FOR CITY ENGINEER

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 15 day of Jan., 2004 at 12:32 o'clock in Plat Book EG/Page 434 and tracing cloth copy filed in Plat Drawer — Folder 79 Drawing No. 28
Original plat (Mylar Print) delivered to City of Charleston.

Register Mesne Conveyance

AREA RESERVED FOR COUNTY OR MUNICIPALITY APPROVAL STAMPS

PALMETTO LAND SURVEYING INC.
2065-C SAVANNAH HIGHWAY
P.O. BOX 31817
CHARLESTON, SC 29417
PHONE (803) 571-5191
Fax No. (843) 571-7447

SOUTH CAROLINA
PALMETTO LAND SURVEYING, INC.
No. 00389
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
PROFESSIONAL ENGINEER
JAMES G. PENNINGTON
LAND SURVEYOR
10291

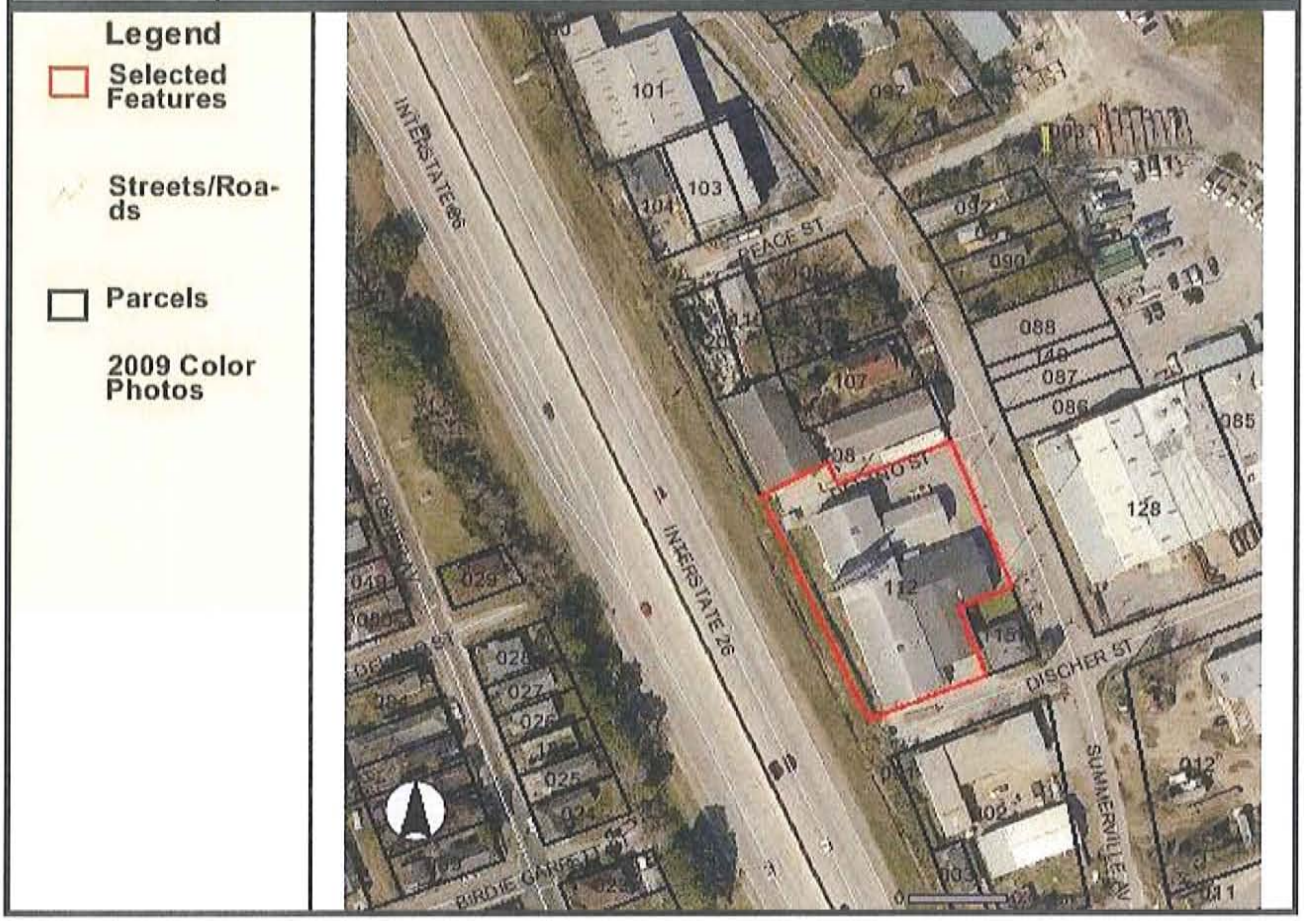
I hereby state that to the best of my knowledge, information, and belief, the survey shown hereon was made in accordance with the requirements of the Minimum Standards Manual for the Practice of Land Surveying in South Carolina, and meets or exceeds the requirements for a Class A survey as specified therein.

James G. Pennington, P.L.S. No. 10291
Palmetto Land Surveying, Inc.©
P.O. Box 31817, (843) 571-5191
Charleston, SC 29417

DELANOAV.DWG

Tracts 16, Tract 17, and Tract 18

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4661600112

PARCEL ID:	4661600112
STREET NUMBER:	1911
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	ROSEMONT
LEGAL DESCRIPTION:	LOT X
LGL HI ACRES:	0.84
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0.84
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	L090123
OWNER ON 1ST:	XIPHIAS HOLDINGS LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/4/2002
DEED BOOK:	Z392-429
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 22737
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-2737
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	6
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	572000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 112	GEOGRAPHICAL AREA	CITY OF CHARLESTON			TAX DISTRICT NO. 7-2	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	HARRELL, W. N.	1-8-62v	Z74	178	4,000			
4.	HARRELL, Hattie Mae (1)	*					51 J 29405	X
5.	RICHELDERFER, Kathleen H. ETAL	1985	85E	502	BY WILL		1873 Christian Rd, Chas. SC 29407	X
6.	SHERMAN, Harold I.	6-24-85	E146	378		3	59 Broad St, Chas. SC 29401	X
7.	XIPHIAS HOLDINGS, LLC	1-4-02	Z392	429			P.O. Box 6009 Chas. SC 29405	
8.								
9.								

10.	PROPERTY LOCATION 1911 SUMMERVILLE AVENUE		SUBDIVISION: ROSEMONT	
11.	Lot B	Block	Tract No.	Parcel No.	Other DISCHER PLACE
12.	ACREAGE: High Land 0.46	Marsh Land	Total Acres 0.46	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage	X	X	X X X X	X
14.	PLATS RECORDED IN: C-78 EF-280, Z392-152, EG-474, V456-543			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER
15.	LT 27 BLK A ROSEMONT			X

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	40									
18.	BUILDING ASSESSMENT $	300									
19.	TOTAL ASSESSMENT $	340									
20.	NUMBER OF BUILDINGS	1									
21.	TOTAL APPRAISED VALUE $										

COMPUTERIZED
OCT 29 1985
BY HB

CHECKED 11-8-85 dc

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256B BLOCK 6 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #4--By Will

LINE #15--Discher place added per plat C-78

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 7/29/77 ds

LINE#13--Previously mapped as 40 x 100 x 40 x 100, Lt. 27, Blk. A, Discher Place, Rosemont. Per real property return dtd. 2-1-78, 466-16-0-113 has been deleted and combined with 466-16-0-112 for 1978. 466-16-0-113 was mapped as Lt. 28, Blk. A, Discher Place, Rosemont, 30 x 100 x 30 x 100. rm 2-22-78.

LINE# 5--By Will File# 85ES10-00502, ETAL ARE: Vivian Lucile Leviner 1/6 int., Rachelle H. Shaw 1/6 int., William O. Harrell 1/6 int., Mecy Keene price 1/6 int. and Linwood N. Harrell 1/6 int.. jwc 10-10-85

LINE# 6--Per Deed E146-378, William O. Harrell, Linwood N. Harrell and Mecy Keene Price are conveying their int. to Harold I. Sherman. Per Deed E146-386, Kathleen H. Richelderfer is conveying her int. to Harold I Sherman and Per Deed E146-384, Vivian Lucile Leviner and Rachelle H. Shaw are conveying their int. to Harold I. Sherman. jwc 10-10-85

LINE# 1--Prev. mapped as Lot 27 and 28 Blk A, By Plat EF-280 subd. see new PID# 466-16-00-134 for 2003, Prev.assessed in LOt 27 and 28, Blk A, 5-30-02 lbs

LINE# 1--Prev. mapped as Lot 27 Blk A, 0.09 ac. hi. By Plat EG-474 delete the following PID# 466-16-00-111, 112,124,136, and 138 and combine it wit this card for 2004, new acreage and legal for this card is 0.46 ac. hi. Lot B, 9-23-03 lbs

BK Z392PG152

Line	Bearing	Distance
1	N 17° 01' 49" W	30.10
2	N 17° 01' 49" W	2.54
3	N 18° 25' 36" W	27.63
4	N 18° 25' 36" W	30.17
5	N 18° 25' 36" W	40.23
6	N 17° 01' 49" W	8.39
7	N 17° 01' 49" W	40.14
8	N 17° 01' 49" W	40.07
9	N 72° 44' 45" E	49.59
10	S 76° 20' 25" E	43.50
11	N 76° 20' 25" W	41.78
12	N 76° 20' 25" W	39.53
13	S 77° 41' 21" W	33.53
14	S 77° 41' 21" W	27.07
15	S 12° 09' 31" E	5.62
16	S 79° 22' 13" W	32.84
17	S 78° 52' 37" W	33.41
18	S 13° 39' 35" W	40.00
19	N 77° 41' 21" E	25.18
20	N 77° 41' 21" E	29.84
21	N 77° 41' 21" E	28.84
22	S 13° 41' 47" W	40.01
23	S 13° 41' 47" W	30.01
24	S 13° 41' 47" W	30.62
25	S 13° 41' 47" W	29.55
26	S 77° 41' 21" W	47.00
27	S 77° 41' 21" W	29.84
28	S 77° 41' 21" W	29.84
29	S 77° 41' 21" W	10.76
30	S 77° 41' 21" W	29.84
31	S 76° 37' 50" W	18.00
32	S 12° 51' 11" E	40.00
33	S 12° 51' 11" E	30.00
34	S 12° 51' 11" E	30.62
35	S 12° 51' 11" E	29.39
36	S 77° 41' 21" W	29.84
37	S 77° 46' 32" W	47.00
38	S 13° 42' 22" E	30.34
39	S 13° 42' 22" E	30.34
40	S 13° 42' 22" E	30.34
41	N 76° 37' 46" E	15.00
42	N 13° 01' 19" W	30.00
43	N 13° 57' 50" W	30.00
44	N 13° 41' 47" W	8.80

Curve	Delta Angle	Radius	Arc	Tangent	Chord	Chord Bearing
1	1° 31' 32"	1504.62'	40.06'	20.03'	40.06'	S 15° 42' 16" E
2	0° 46' 35"	1564.62'	21.20'	10.60'	21.20'	N 14° 04' 31" W
3	1° 05' 55"	1564.62'	30.00'	15.00'	30.00'	N 15° 01' 19" W
4	0° 32' 58"	1564.62'	15.00'	7.50'	15.00'	N 15° 30' 46" W
5	6° 10' 26"	1564.62'	168.59'	84.38'	168.51'	N 19° 12' 27" W

NOTES

1 Reference Tax Map Numbers
466 16-00 086 087 110 112 114 104
108 116 and 120
464 02 00 005

2 Reference Plat Book C page 78
Reference Plat Book C page 160
Reference Plat Book C page 163
Reference Plat Book K page 133
Reference Plat Book P page 137
Reference Plat Book S page 143
Reference Plat Book W page 79
Reference Plat Book W page 128
Reference Plat Book Y page 63
Reference Plat Book CF page 90
Reference Plat in Deed Book V28 page 252

3 Property Owners Harold Sherman Howard Sherman
Ivan Sherman ETAL Minnie Sherman

4 To be conveyed to Xiphias Holdings LLC

5 This lot has been checked against area FEMA maps and to the best of this surveyor's knowledge said lot is located in a Special Flood Hazard area
455412 0015 D 11/5/86 INDEX 11/4/92 Zones C and A5 (13')

6 This survey does not constitute a title search or any other facts than an accurate and current title search may disclose

7 No underground utilities were located on this survey

8 Interstate Right of Way shown as referenced in SCDOT docket number 10 490 sheet 21

BLOCK A	AREA	TAX MAP NUMBER
TRACT 80	2186 61 SQ FT	466 16 00 111
LOT 15	3002 49 SQ FT	466 16 00 111
LOT 16	3002 02 SQ FT	466 16 00 111
LOT 25	2965 67 SQ FT	466 16 00 111
LOT 26	2965 20 SQ FT	466 16 00 112
LOT 27	3917 43 SQ FT	466 16 00 112
LOT 28	2953 53 SQ FT	466 16 00 113
LOT 29	3028 63 SQ FT	466 16 00 114
LOT 30	2927 06 SQ FT	466 16 00 114
TRACT 90 A	1427 38 SQ FT	466 16 00 111
LOT 32 A	3288 16 SQ FT	466 16 00 116

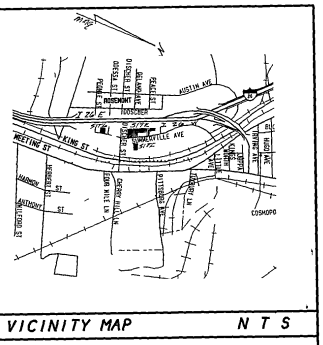
BLOCK D		
TRACT 73	3830 71 SQ FT	466 16 00 120
TRACT 79	2888 82 SQ FT	466 16 00 110
LOT 15	3203 11 SQ FT	466 16 00 110
LOT 24	3349 89 SQ FT	466 16 00 110
LOT 30	4935 85 SQ FT	466 16 00 108

BLOCK G		
TRACT 27 A	4665 25 SQ FT	466 16 00 104

BLOCK O		
S HALF LOT 30	1796 86 SQ FT	466 16 00 087
LOT 31	3595 15 SQ FT	466 16 00 087
LOT 32	3597 54 SQ FT	466 16 00 088

BLOCK U		
PART OF LOT 27	1715 25 SQ FT	464 02 00 005
PART OF LOT 28	1935 02 SQ FT	464 02 00 005
PART OF LOT 29	2167 56 SQ FT	464 02 00 005

Tax Map No	Address
464 02-00-005	1858 Summerville Avenue
466-16-00-086	1916 Summerville Avenue
466 16-00-087	1918 Summerville Avenue
466-16 00-104	Peace Street
466 16-00-108	1913 Summerville Avenue
466-16 00-110	Peace Street
466 16-00-111	Delano Street
466-16 00-112	1911 Summerville Avenue
466-16-00-114	1907 Summerville Avenue
466-16 00-116	2198 Discher Street
466-16-00-120	Peace Street



VICINITY MAP N T S

LEGEND
- ● 1 Iron Pipe (old)
- ○ 1/2 Iron Rebar (new)
- ⊕ P K Nail Set
- ○ Power Pole
- ▲ Calculated Point
- ■ 4 Concrete R/W Monument

AREA RESERVED FOR COUNTY OR MUNICIPALITY APPROVAL STAMPS

ENGINEERING DIVISION CITY OF CHARLESTON
DATE PLAT APPROVED 1-14-02
CITY ENGINEER
APPROVED BY FOR CITY ENGINEER

Charleston South Carolina
Office of Register Means Conveyance
Plat recorded this 4th day of Jan 2002 at 10:35 o'clock in Plat Book EF Page 280 and tracing cloth copy made and filed in Book No. 21
Original plat (a White Print) delivered to City of Chas
Register Means Conveyance

ROBIN ROBINSON
466 16 00 093

466 16 00 088
LOT 29 AND PT 30
PT LOT 30
LOT 31
LOT 32
PARCEL 1
466 16 00 128
1 STORY METAL BUILDING
1 STORY R F RESIDENCE
BLOCK O

SUMMERVILLE AVENUE (60 R/W)
EDGE OF ASPHALT

BLOCK G
LOT 24
LOT 25
LOT 26
LOT 27
466 16 00 101
466 16 00 103
2 STORY BLOCK BUILDING
TRACT 27-A ASPHALT
2 STORY METAL BLDG
1 STORY BLOCK BUILDING
PEACE STREET (40 R/W)

BLOCK D
LOT 25
466 16 00 105
LOTS 26 & 27
466 16 00 106
LOTS 28 & 29
466 16 00 107
LOT 30
LOT 15
LOT 24
TRACT 73
TRACT 79
SIGN POST
1 STORY BLOCK BLDG
1 STORY BLOCK BUILDING
DELANO AVENUE (40 R/W)

BLK A
LOT 27
LOT 28
LOT 29
LOT 30
LOT 16
LOT 15
TRACT 80
1 STORY BLOCK BUILDING
1 STORY FRAME
OVERHEAD BILLBOARD
LOADING DOCK
BUILDING ENCROACHMENT
466 16 00 115
LOT 31-A
GRAVEL
LOT 32-A
1/2 STORY BLOCK BUILDING
LOT 26
LOT 25
TRACT 90-A
FENCE
DISCHER STREET (40 R/W)

SUMMERVILLE AVENUE (80 R/W)
EDGE OF ASPHALT

BLOCK O
PT LOT 30
PT LOT 29
BLK C
PT LOT 28
PT LOT 27
PT LOT 26
464 02 00 006
1 STORY BLOCK RESIDENCE
ODESSA STREET (40 R/W)

115 RIGHT OF WAY
125 RIGHT OF WAY
EDGE OF PAVEMENT FOR INTERSTATE 26
WESTBOUND LANES OF INTERSTATE 26

PLAT OF 23 LOTS
PORTIONS OF BLOCKS A, D, G, O, AND U
ROSEMONT AND RICHLAND VILLAGE

LOCATED
City of Charleston
Charleston County, South Carolina

DATE DECEMBER 19 2001
REVISED DECEMBER 26, 2001
SCALE 1 - 40
0 40 80

PALMETTO LAND SURVEYING INC
2065 D SAVANNAH HIGHWAY
P O BOX 31817
CHARLESTON SC 29417
PHONE(8031571 5191
Fax No (843) 571 7447
SOUTH CAROLINA PALMETTO LAND SURVEYING INC No 00389 CERTIFICATE OF AUTHORIZATION

I hereby state that to the best of my knowledge information and belief the survey shown hereon was made in accordance with the requirements of the Minimum Standards Manual for the Practice of Land Surveying in South Carolina and meets or exceeds the requirements for a Class A survey as specified therein also there are no visible encroachments or projections other than shown

SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR 10291 JAMES G PENNINGTON

James G Pennington P L S No 10291
Sample Surveying Co Inc P O Box 31817
Charleston S C 29417 571 5191

XIPHOLDG DWG

NOTES:

1. Reference Tax Map Numbers: 466-16-00-108. 112. AND PARTS OF 110. AND 111

BK V456PG543

2. Reference Plat Book EF, Page 280
   Reference Plat Book C page 76
   Reference Plat Book C page 160
   Reference Plat Book C page 163
   Reference Plat Book K page 133
   Reference Plat Book P page 137
   Reference Plat Book S page 143
   Reference Plat Book W page 79
   Reference Plat Book W page 128 (TRACT 80)
   Reference Plat Book Y page 63 (TRACT 79)
   Reference Plat Book CF page 90
   Reference Plat in Deed Book V28 page 252

3. Property Owner: Xiphias Holdings, LLC (LOTS 15, 16, 24, 27, 28, 30 and TRACTS 79 & 80)

4. Delano Avenue to be conveyed to Xiphias Holdings, LLC

5. This lot has been checked against area FEMA maps and to the best of this surveyor's knowledge, said lot is located in a Special Flood Hazard area. 455412 0015 D 11/5/86 INDEX 11/4/92 Zones "B" and A5 (13')

6. This survey does not constitute a title search or any other facts than an accurate and current title search may disclose

7. No underground utilities were located on this survey.

8. Interstate Right of Way shown as referenced in SCDOT docket number 10.490 sheet 21

9. Public water & public sewer provided by Commissioners Of Public Works

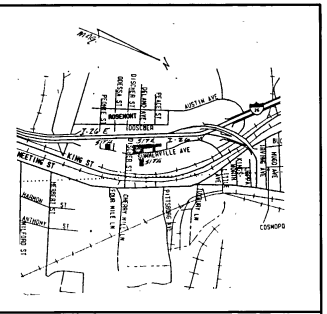
LEGEND:

- ● 1" Iron Pipe (old)
- ○ 1/2" Iron Rebar (new)
- ● P.K. Nail Set
- ○ Power Pole
- ▲ Calculated Point
- ■ 4" Concrete R/W Monument

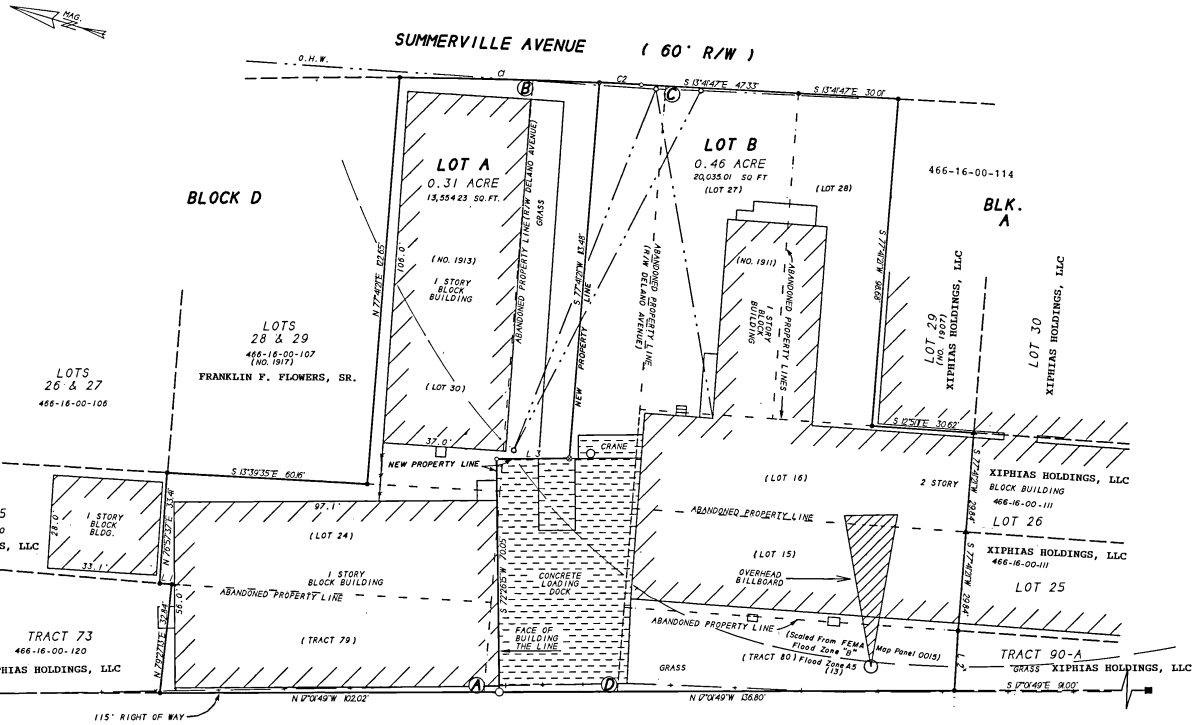
Curve	Delta Angle	Radius	Arc	Tangent	Chord	Chord Bearing
1	2°12'16"	1504.62	60.08	30.04	60.07	S 15°19'24" E
2	0°28'59"	1504.62	12.69	6.34	12.69	S 13°55'21" E

Line	Bearing	Distance
1	N 12°00'31" W	3.67'
2	S 76°32'50" W	18.00'
3	N 17°10'20" W	21.87'

AREA OF A,B,C,D,A - 0.17 ACRE (7,351.59 S.F.)
(FORMERLY A PORTION OF DELANO AVENUE)



VICINITY MAP N.T.S.



WESTBOUND LANES OF INTERSTATE 26

MAG.

ENGINEERING DIVISION
CITY OF CHARLESTON
DATE PLAT APPROVED 7-22-03
APPROVED BY CITY ENGINEER
APPROVED BY: [signature]
FOR CITY ENGINEER

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 19 day of July, 2003, at 12:33 o'clock in Plat Book EG Page 474 and tracing cloth copy filed in File 270 Drawer — Folder 79, Drawing No. 28.
Original plat (a White Print) delivered to City of Charleston.
[signature]
Register Mesne Conveyance

AREA RESERVED FOR COUNTY OR MUNICIPALITY APPROVAL STAMPS

PLAT TO COMBINE
LOTS 24, 30, TRACT 79, AND A
PORTION OF DELANO AVENUE INTO LOT A
AND
LOTS 15, 16, 27, 28, TRACT 80
AND A PORTION OF DELANO AVENUE INTO LOT B
ROSEMONT AND RICHLAND VILLAGE

LOCATED
City of Charleston
Charleston County, South Carolina

DATE: OCTOBER 8, 2002 SCALE 1"= 20'

0 20 40

PALMETTO LAND SURVEYING, INC.
2065-D SAVANNAH HIGHWAY
P.O. BOX 31817
CHARLESTON, SC 29417
PHONE (803) 571-5191
Fax No. (843) 571-7447

SOUTH CAROLINA PALMETTO LAND SURVEYING, INC. No. 00389 CERTIFICATE OF AUTHORIZATION

I hereby state that to the best of my knowledge, information, and belief, the survey shown hereon was made in accordance with the requirements of the Minimum Standards Manual for the Practice of Land Surveying in South Carolina, and meets or exceeds the requirements for a Class A survey as specified therein.

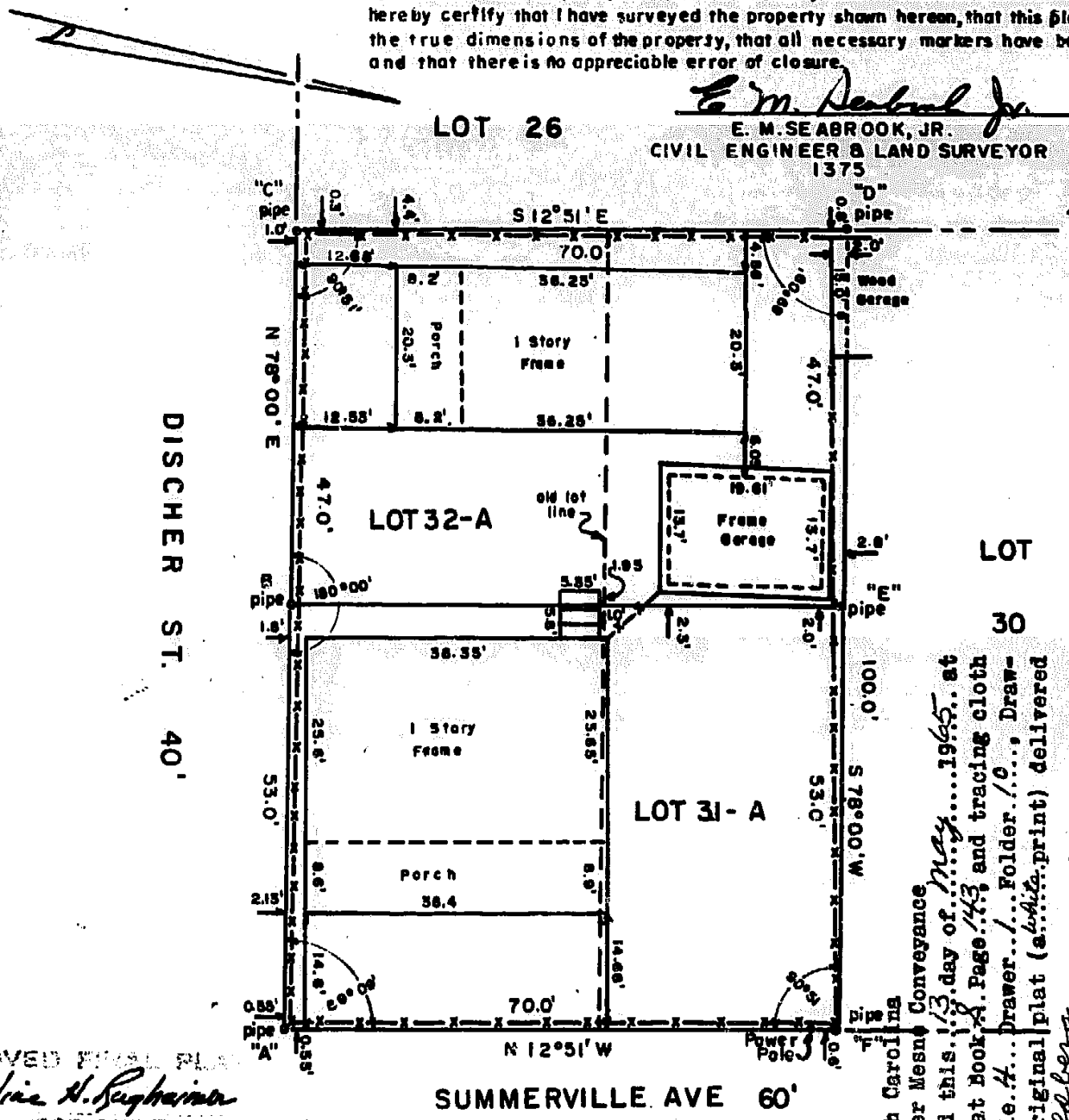
SOUTH CAROLINA PROFESSIONAL LAND SURVEYOR 10291 JAMES G. PENINGTON

James G. Penington, P.L.S. No. 10291
Palmetto Land Surveying, Inc.©
P.O. Box 31817, (843) 571-5191
Charleston, SC 29417

DELANOAV.DWG

I, E.M. SEABROOK, JR., a Registered Surveyor of the State of South Carolina hereby certify that I have surveyed the property shown hereon, that this plat shows the true dimensions of the property, that all necessary markers have been installed and that there is no appreciable error of closure.

E. M. Seabrook Jr.
E. M. SEABROOK, JR.
CIVIL ENGINEER & LAND SURVEYOR
1375



APPROVED FINAL PLAT
Caroline H. Rughaimer
CHARLESTON COUNTY COUNCIL
H Hearn
DIRECTOR OF PLANNING
CHARLESTON COUNTY PLANNING BOARD
5 May 1968

ROSEMONT SUBDIVISION

CHARLESTON COUNTY, S.C.

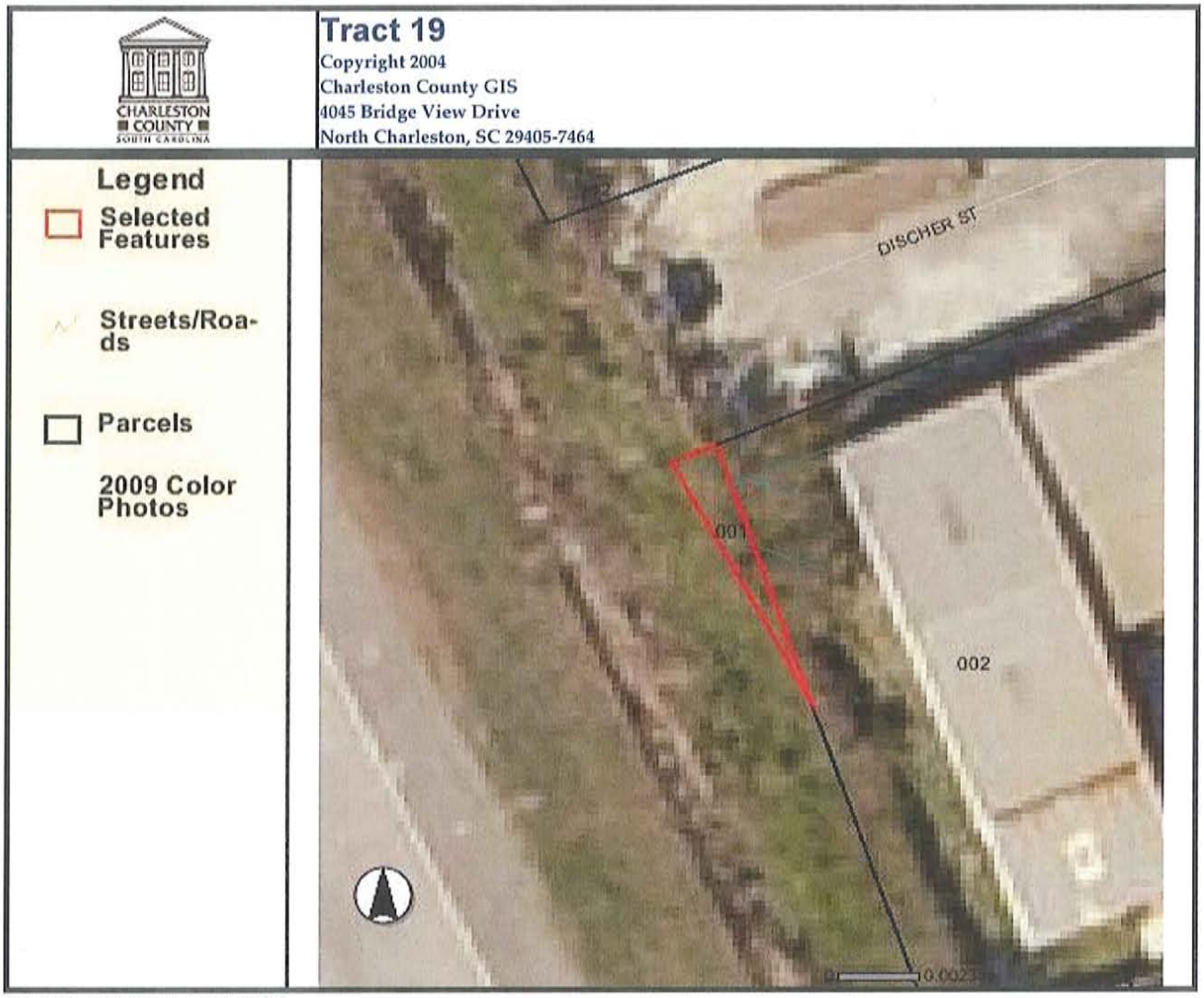
A. RESUBDIVISION OF LOTS 31 AND 32 BLOCK A INTO LOTS 31-A AND 32-A BLOCK A, PROPERTY OF THE LATE CHANDOS PARISH

SCALE 1" = 20' APRIL 14, 1965

E. M. Seabrook Jr.
E.M. SEABROOK, JR
CIVIL ENGINEER & LAND SURVEYOR
1375

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 13 day of May 1965 at 11:10 o'clock in Plat Book A Page 143 and tracing cloth copy filed in File 4 Drawer 1 Folder 10, Drawing No. 9 Original plat (a white print) delivered to E. M. Goldberg

Arthur H. Burton
Register Mesne Conveyance



PARCEL NUMBER : 4640200001

PARCEL ID:	4640200001
STREET NUMBER:	0
STREET NAME:	DISCHER ST
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	UND
MOBILE HOMES:	0
SUBDIVISION:	RICHLAND VILLAGE
LEGAL DESCRIPTION:	PT LT 69 BLK Q
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	PLANS
OWNER ON 1ST:	SHERMAN HAROLD I
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	87E6-81
WILL CODE:	W
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	59
MAIL STREET NAME:	BROAD ST
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29401-2924
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	200
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 464 — 2 — 0 LOT /	GEOGRAPHICAL AREA CITY OF CHARLESTON					TAX DISTRICT NO. 7-2		X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	SHERMAN, Minnie R. (1)								
4.	SHERMAN, Harold I.	1990	87E	681	BY WILL		50 Bond St. 29401		X
5.									
6.									
7.									
8.									
9.									

10.	PROPERTY LOCATION							SUBDIVISION RICHLAND VILLAGE			
11.	Lot PART 69	Block Q	Tract No		Parcel No		Other				
12	ACREAGE: High Land	Marsh Land	Total Acres		ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )						
13.	MEASUREMENTS: Road Frontage	7 X	X	X	X	X	X	X			
14.	PLATS RECORDED IN C-160, I-26 Plans							COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓			
15.	STRIP 100 SQ FT PT LT 69 blk Q RICHLAND VIL										

16.	YEAR ASSESSMENT FOR	1970									CHECKED 1-29-91 BC
17.	LAND ASSESSMENT $	20									
18.	BUILDING ASSESSMENT $										
19.	TOTAL ASSESSMENT $	20									
20.	NUMBER OF BUILDINGS	0									
21.	TOTAL APPRAISED VALUE $										

COMPUTERIZED 1/8/91 BC&C

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 260A BLOCK 3 LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

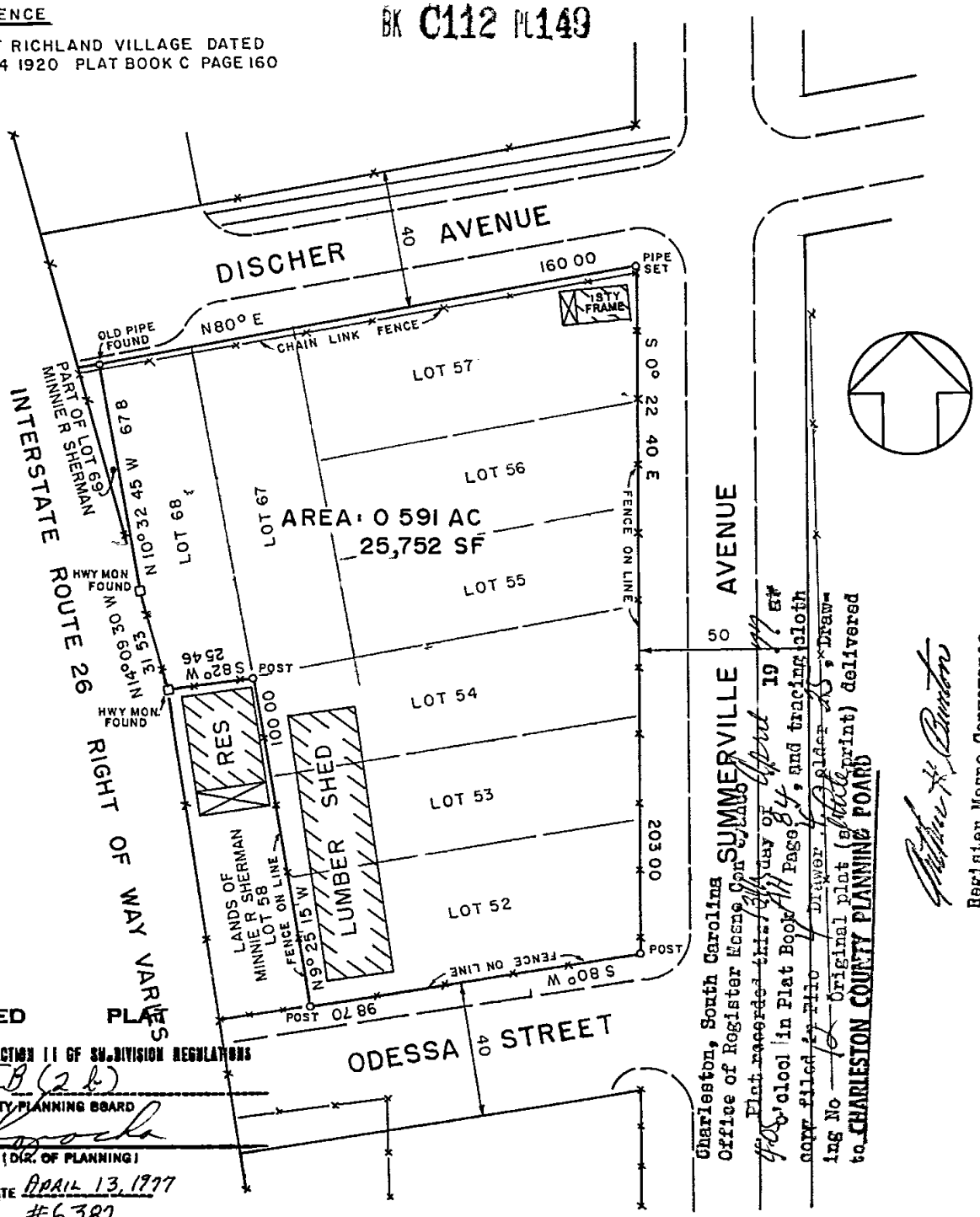
LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 8/2/77 ds

LINE #4--Will File # 87ES10-00681, devise/descent is for TMS# 277-7-0-132, 463-12-2-41, 464-1-0-17,98, 464-2-0-1, 535-4-0-183, 614-1-0-102, 614-13-0-41. bsk 1-2-91

REFERENCE

MAP OF RICHLAND VILLAGE DATED JUNE 14 1920 PLAT BOOK C PAGE 160

BK C112 PL149



APPROVED PLAT

EXEMPT FROM SECTION II OF SUBDIVISION REGULATIONS

SECTION 7B (2b)

CHARLESTON COUNTY PLANNING BOARD

(DIR. OF PLANNING)

DATE APRIL 13, 1977

#6387

Charleston, South Carolina
Office of Register Mesne Conveyance

Plat recorded this 27th day of April 19 77

in Plat Book A4 Page 84 and tracing cloth

copy filed in Plat Drawer 4 Place AS

ing No — of Original plat (blueprint) delivered

to CHARLESTON COUNTY PLANNING BOARD

Barbara Mesne Conveyance

SURVEY PLAT
OF LAND OF
KURCO, INC
FORMERLY A PORTION OF
RICHLAND VILLAGE
CHARLESTON COUNTY SC
MAR 26 1977 SCALE 1 40

I JOHN McCRADY JR, A REGISTERED ENGINEER AND LAND SURVEYOR OF THE STATE OF SOUTH CAROLINA DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THE PROPERTY THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED THAT THE PRECISION IS 1 / 10,000

JOHN McCRADY, JR. C.E. & L.S. REG 815

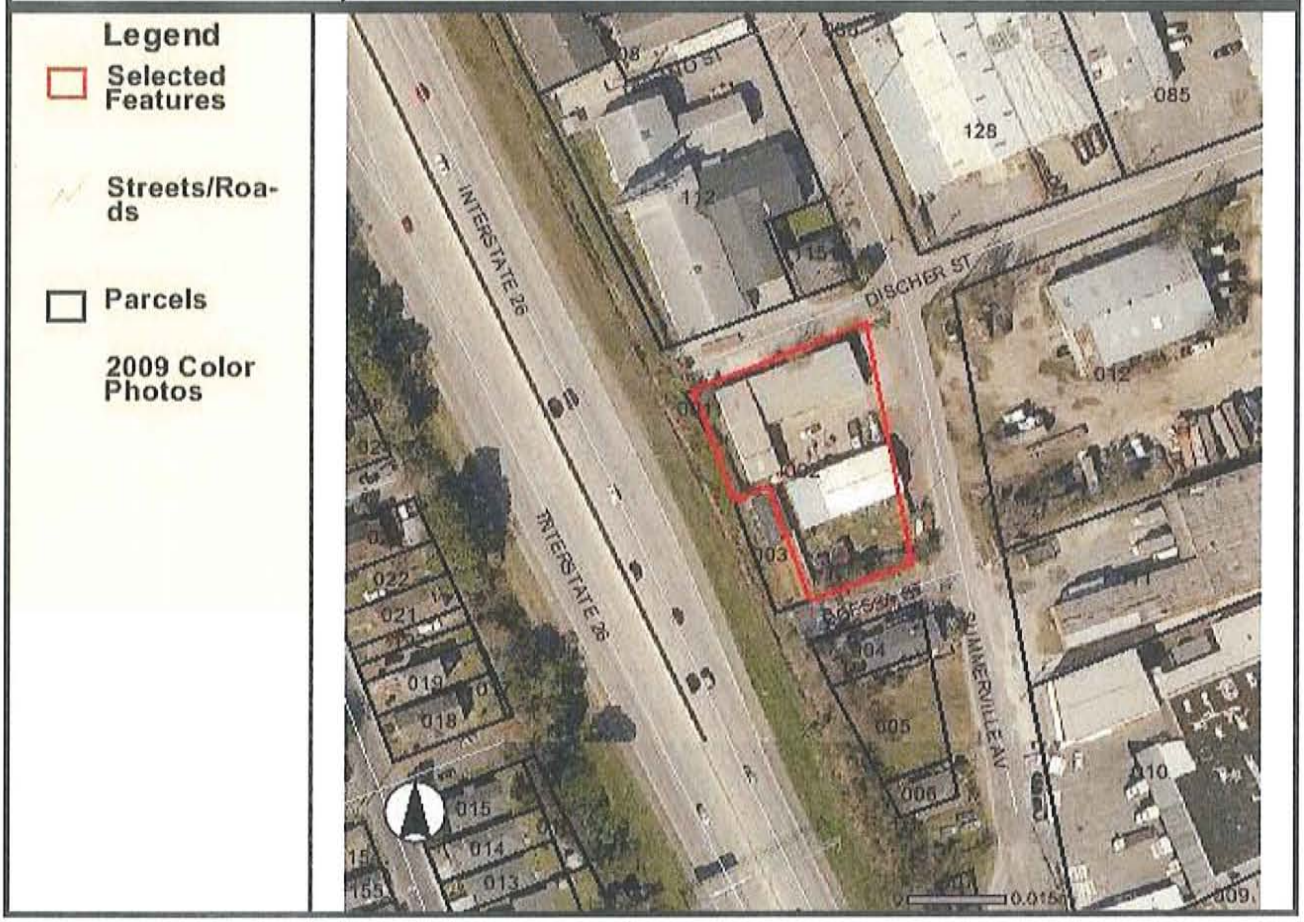
CUMMINGS & McCRADY
ARCHITECTS ENGINEERS

NB#188

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 20

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4640200002

PARCEL ID:	4640200002
STREET NUMBER:	1885
STREET NAME:	SUMMERVILLE AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	RICHLAND VILLAGE
LEGAL DESCRIPTION:	LT 52 THRU 57 67 & 68 BLK Q
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	N-121
OWNER ON 1ST:	HUDGENS ROBERT T
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	6/12/1998
DEED BOOK:	U304-602
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	1
MAIL STREET NAME:	S BASILICA AVE
MAIL UNIT:	
MAIL CITY:	HANAHAN
MAIL STATE:	SC
MAIL ZIP:	29410-8680
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	140000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	247500
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 464 — 2 — 0 LOT 2	GEOGRAPHICAL AREA	CITY OF CHARLESTON				TAX DISTRICT NO. 7-2
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	HEINSOHN, Lottie M., Life Int.						
4.	KURCO, INC. (7)	4-13-62v	K76	186			PO BOX 10145, Ch. 29411
5.	ELROD, Ronnie	5-13-81	K125	044	25,000	3	111 [illegible] St Mt Pl [illegible] 29464
6.	YACHT BASIN MACHINE AND MARINE, LTD.	5-28-81	N125	019			1 Hugo St [illegible] 29464 X
7.	ELROD, Ronnie L.	5-31-82	N128	173			[illegible] 29405
8.	HUDGENS, Robert T.	6-12-98	U304	602	140,000		1 South Bay 100 Ave Chas SC 29412
9.							

10.	PROPERTY LOCATION [illegible]		SUBDIVISION	RICHLAND VILLAGE
11.	Lot 52 thru 57, 67 and 68	Block Q	Tract No	Parcel No / Other
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT (✓), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage	203 x 98.7 x 100 x 25.46 x 99 x 160 x x		X
14.	PLATS RECORDED IN N-121, C-160, AH-84, C112-149			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓
15.	LTS 52 thru 57 67 and 68 BLK Q RICHLAND			

16	YEAR ASSESSMENT FOR	1970									6/22/98
17.	LAND ASSESSMENT $	200									✓ OA
18.	BUILDING ASSESSMENT $	500									
19.	TOTAL ASSESSMENT $	700									
20.	NUMBER OF BUILDINGS	3									
21.	TOTAL APPRAISED VALUE $										

COMPUTERIZED
CHECKED
4/8/82 ds

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 260A BLOCK 3 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

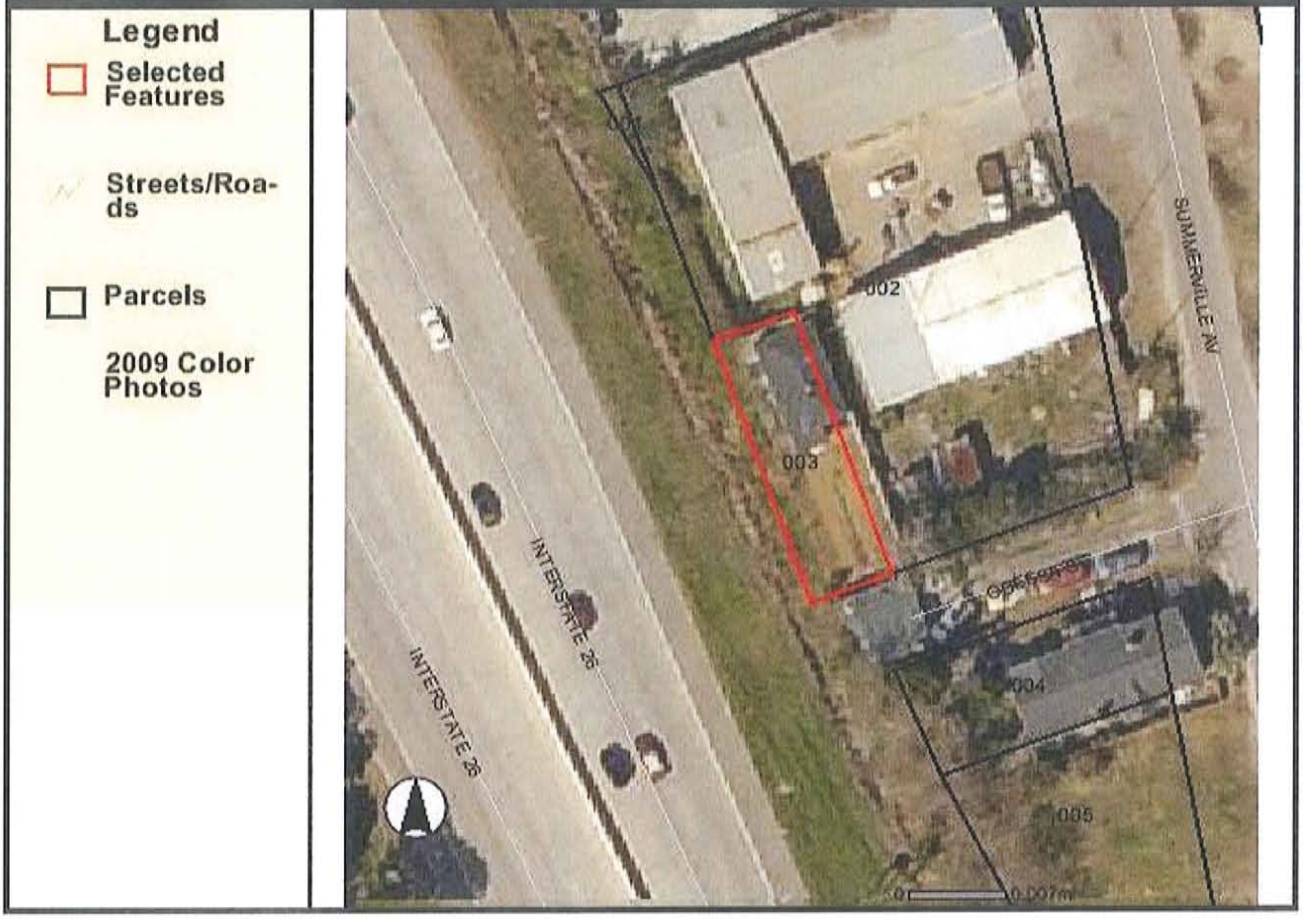
LINE#13--Previously mapped as Richland Village, Lt. 52 thru 57, 67 and 68, Blk. Q. Per plat AH-84, dim. changed to 203 x 98.7 x 100 x 25.46 x 99 x 160, for 1978. rm 7-8-77.

LINE#6--A Limited Partnership. mee 4-5-82

LINE #8--Per Attorney's office Quit claim deed Y378-389 was only recorded to confirm title for Lot 57 8-13-01 LRD

Tract 21

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4640200003

PARCEL ID:	4640200003
STREET NUMBER:	2224
STREET NAME:	ODESSA ST
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	SFR
MOBILE HOMES:	0
SUBDIVISION:	RICHLAND VILLAGE
LEGAL DESCRIPTION:	PT LT 58 BLK Q
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	72
JURISDICTION:	CTA
PLAT BOOK:	C-160
OWNER ON 1ST:	KORNAHRENS GEORGE E JR
OWNER2 ON 1ST:	KORNAHRENS LAURIE

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	3/7/2007
DEED BOOK:	V617-206
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2224
MAIL STREET NAME:	ODESSA ST
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-9354
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	50000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	50000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	1940
BEDROOMS:	2
FULL BATHS:	1
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	735
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1. **T. M. No.** 464 — 2 — 0 **LOT** 3 | **GEOGRAPHICAL AREA** CITY OF CHARLESTON | **TAX DISTRICT NO.** 7-2 X

	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	SHERMAN, Minnie R. (1)						
4.	JOHNSON, Isaac	5-15-78	U115	99	7,100	3	2224 Ch. ... Ct 29405
5.	JOHNSON, Isaac Jr. Estate of	7-22-02	S412	884			313 Burgers Ch. SC 29407
6.							
7.							
8.							
9.							

10. **PROPERTY LOCATION** [illegible] | SUBDIVISION RICHLAND VILLAGE

11. Lot PART 58 | Block Q | Tract No | Parcel No | Other

12. **ACREAGE:** High Land | Marsh Land | Total Acres | **ACREAGE TAKEN FROM:** DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. **MEASUREMENTS:** Road Frontage 30 x 100 x 30 x 100 x x x x

14. PLATS RECORDED IN C-160, I-26 Plans | **COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER** Y

15. STRIP PT 58 BLK Q RICHLAND VIL

16.	YEAR ASSESSMENT FOR	1970								COMPUTERIZED	
17.	LAND ASSESSMENT $	20								5/18/05 RDS	
18.	BUILDING ASSESSMENT $	400									
19.	TOTAL ASSESSMENT $	420									
20.	NUMBER OF BUILDINGS	1									
21.	TOTAL APPRAISED VALUE $										

22	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 260A BLOCK 3 LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #1--Previously mapped in North Charleston dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by Court Action file 76-2304 and letters filed in annexation file for City of Charleston. 8/2/77 ds

LINE #5-- Deed of distribution the estate of Isaac Johnson Jr case # 2001-ES-10-1089. Jessie M Johnson as Personal Rep for Issac Johnson Jr 7-20-02 LRD

MAP OF RICHLAND VILLAGE

SHOWING SUBDIVISION OF THE SOUTHERN HALF OF THE DISHER TRACT
NOTE THE STREETS HEREON SHOWN ARE NOT DEDICATED AND ARE SUBJECT TO RELOCATION, ALTERATION AND CHANGE BY THE OWNERS OF THE PROPERTY.
JUNE 14, 1920.

SCALE 1"= 60'

BY G.M. HOWE, SURVEYOR.

AUTHORITIES

INFORMATION FOR THIS SURVEY THAS BEEN OBTAINED FROM THE FOLLOWING SOURSES: PLAT BY J.H. DINGLE FEB. 20 TH 1909 R.M.C. PLAT BOOK "D" PAGE 110. PLAT BY MC CRADY BROS & CHEVES JUNE 1914. PLAT BY JOHN GOURDIN 1881. R.M.C. OFFICE PLAT BOOK "C" PAGE 30. PLAT BY JAMES C'HAIR JAN. 1912. PLAT BY ROBERT K. PAYNE SEPT. 1830 R.M.C. PLAT BOOK A NO. 1 PAGE 29.

G.M. HOWE. SURV.

I CERTIFY THAT THIS IS A TRUE COPY OF THE ORIGINAL PLAT RECORDED IN PLAT BOOK "C", PAGE 160 .

P. Weston
CHAS. CO. PUB. WKS. DEPT.

R.M.C. OFFICE, CHARLESTON, S.C. RECORDED JUNE 17 TH 1920 IN PLAT BOOK C PAGE 160
ATTACHED DEED IS RECORDED IN BOOK P-29 PAGE 234
ORIGINAL PLAT (A BLUE PRINT PLAT) DELIVERED TO BUIST & BUIST.

JULIUS E. COGSWELL, R.M.C.

CAROLINIA CHEMICAL CO.

VIRGINIA CAROLINA CHEMICAL CO.

DITCH HAS BEEN OBLITERATED EXCEPT NEAR THE ENDS OF LINE BUT LINE AS SHOWN WAS LAID DOWN WHERE DITCH WAS

PALMETTO STREET

PINE STREET

OAK STREET

DISHER AVENUE

STATE ROAD TO CHARLESTON

TO CHARLESTON

TO SUMMERVILLE

A.C.L. R.R.

ASHLEY RIVER BRANCH

SUMMERVILLE AVENUE

DORCHESTER AVENUE

AUGUSTA AVENUE

365.8 TO HOWE'S PIPE FENCE BY MC CRADY'S PLAT 393. 386.5' 64 MEASUREMENT TO MC CRADY'S PIPE

SCUTHERN MFG. CO.

BY MC CRADY'S PLAT 385 381.6' BETWEEN MC CRADY'S CORNERS FENCES

BLOCKS: Y, X, W, U, T, S, Q, P, O

Tract 22

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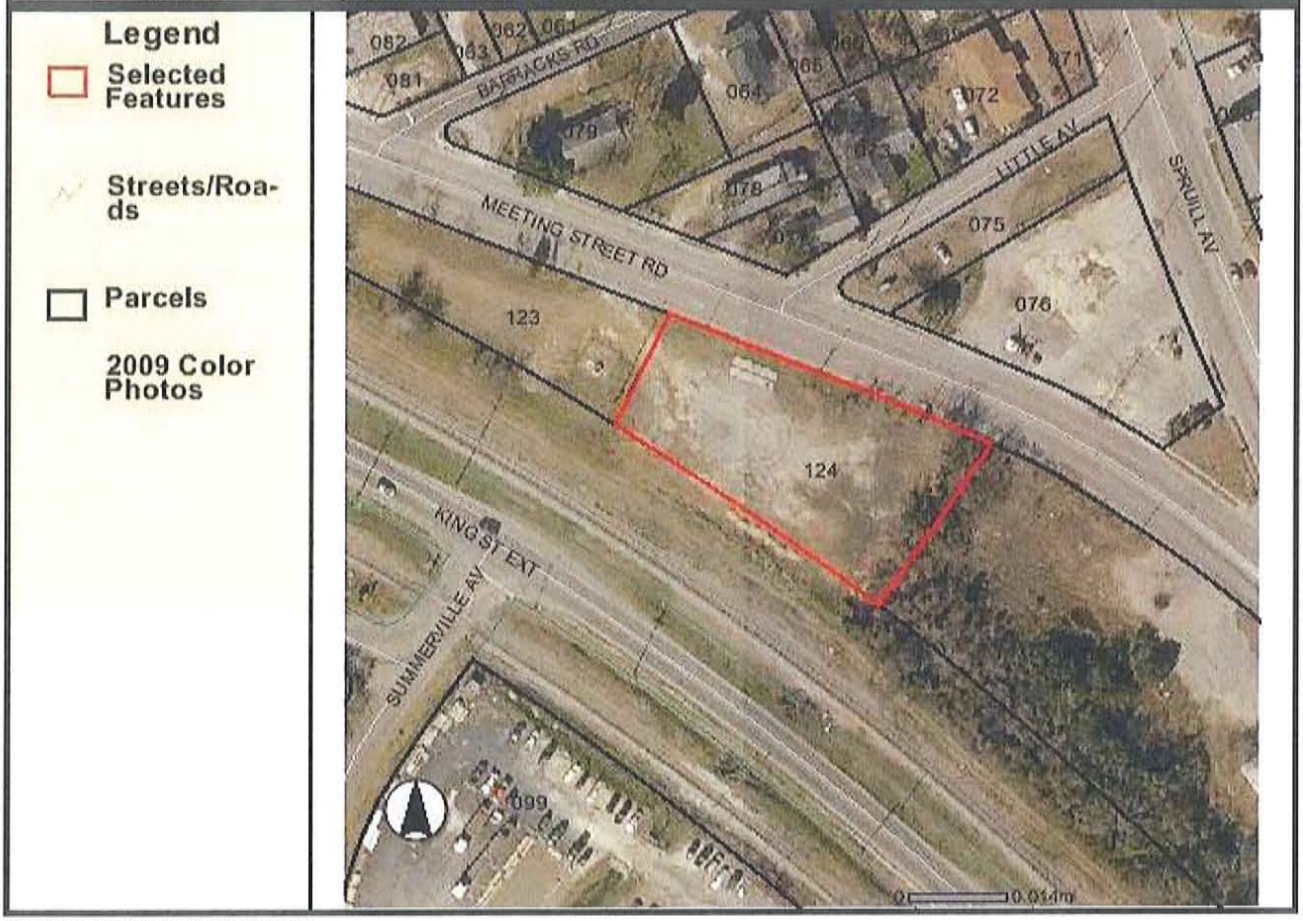
North Charleston, SC 29405-7464



PARCEL NUMBER : 4661600124

PARCEL ID:	4661600124
STREET NUMBER:	0
STREET NAME:	MEETING STREET RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	SW SIDE
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LOT B PART VCC TRACT
LGL HI ACRES:	0.69
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0.69
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	BL-25
OWNER ON 1ST:	FABIAN FABIAN PROPERTIES L P
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/10/1996
DEED BOOK:	L270-142
WILL CODE:	
WILL DATE:	
C O NAME:	FREDERICK T FABIAN
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 1045
MAIL UNIT:	
MAIL CITY:	MT PLEASANT
MAIL STATE:	SC
MAIL ZIP:	29465-1045
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	8000
MULT LOT:	2
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	128000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0 LOT 124	GEOGRAPHICAL AREA	City of NORTH CHARLESTON					TAX DISTRICT NO.	4-3
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS:		
3.	FABIAN, George W., Jr. (D)		Z41	726			POB 15227 N Ch. 29405		
4.	FABIAN, Kathryn C. ETAL	6-17-96	L270	134			768 Mildendall Rd 29464		
5.	FABIAN PROPERTIES, L.P.	6-17-96	L270	146			768 Mildendall Rd 29464		
6.									
7.									
8.									
9.									

10. **PROPERTY LOCATION** Meeting St. - Rear. SUBDIVISION:

11. Lot B Block Tract No. Parcel No. Other PART VCC TRACT

12. **ACREAGE:** High Land 0.69 Marsh Land — Total Acres 0.69 **ACREAGE TAKEN FROM:** DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. **MEASUREMENTS:** Road Frontage 260 X 150 X 240.1 X 89.7 X X X X

14. PLATS RECORDED IN: BL-25, N159-842 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER

15.

16.	YEAR ASSESSMENT FOR:	1986						4.12.96 bld			
17.	LAND ASSESSMENT $							COMPUTERIZED		CHECKED	
18.	BUILDING ASSESSMENT $							JUN 11 1987		6-29-87	
19.	TOTAL ASSESSMENT $	*						BY RB		4-15-96 BL	X
20.	NUMBER OF BUILDINGS							7-1-96 BL			
21.	TOTAL APPRAISED VALUE $										

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	$ ESTIMATED COST AS TAKEN FROM PERMIT	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--Separated from 466-16-0-83 for 1987 by plat BL-25. Previously assessed in 2.7 ac hi, Part VCC Traft. 6-10-87 ds

LINE #1--Tax District changed from North Charleston P.S.D. District 4-1 to City of North Charleston District 4-3 per Ratification number 1995-78 SEC 34-C dated 12-28-95 for 1996. 4-12-96 bld.

LINE# 4--By deed L270-134,Etal Are: Mary Susan Fabian, Judith F. Bean, Frederick T. Fabian, and Frederick T. Fabin as Trustee of the Fabian Family Trust . 6-28-96 lbs

LINE# 5--By deed L270-142, Mary Susan Fabian conveys her 1/5 int. to Fabian Properties L.P., By deed L270-138, Kathryn C. Fabian conveys her 1/5 int. to Fabian Properties L.p. By Deed L270-130, Frederick T. Fabian as Trustee for the Fabian Family Trust conveys his 1/5 int to the Fabian Properties L.P., By Deed L270-126, Frederick T. Fabian conveys his 1/5 int. to Fabian Properties. L.P., and By Deed L270-058,Judith F,Bean conveys her 1/5 int. to Fabian Properties L.P. 6-28-96 lbs

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 23

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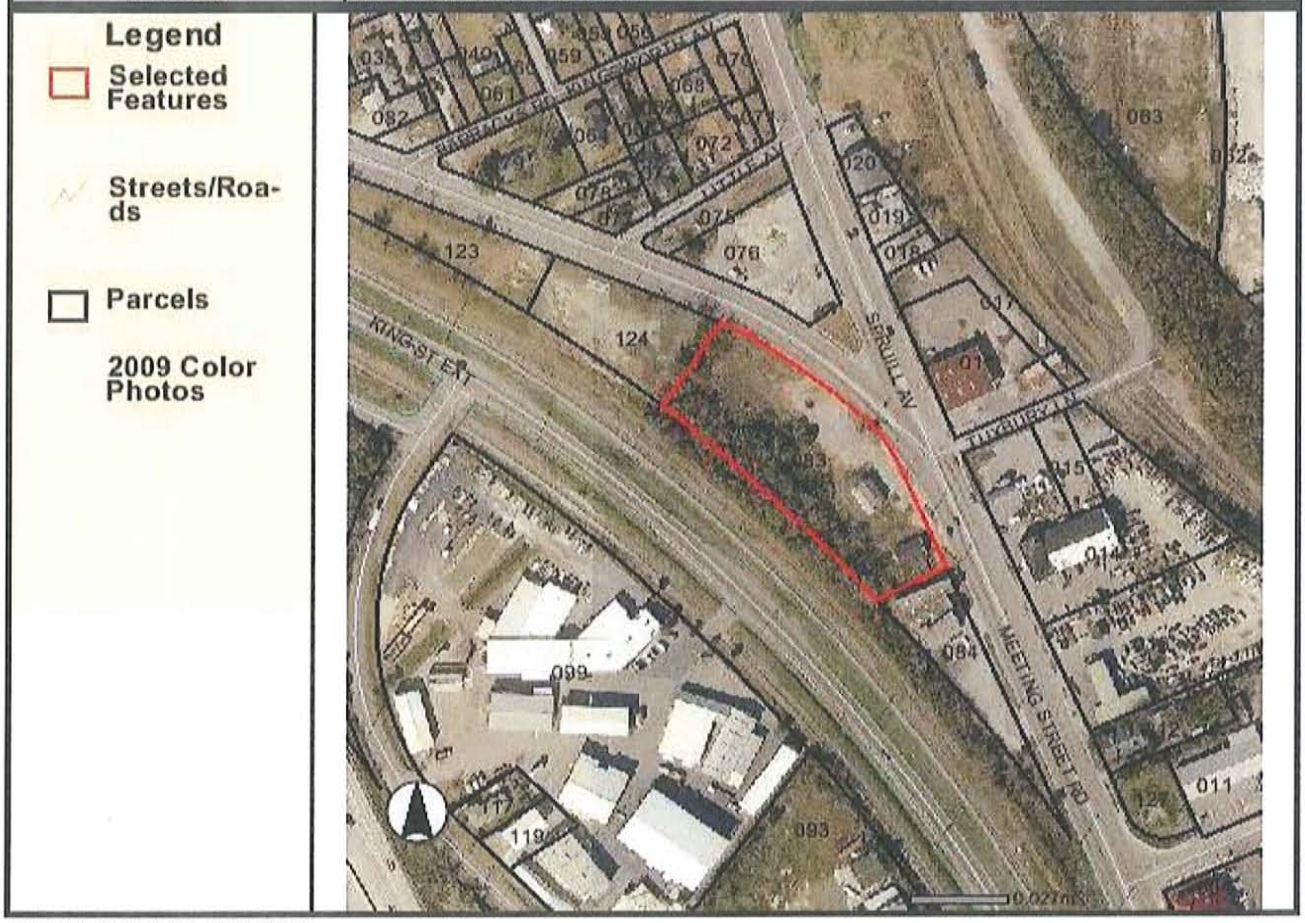

PARCEL NUMBER : 4661600083

PARCEL ID:	4661600083
STREET NUMBER:	2045
STREET NAME:	MEETING STREET RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LOT C PART VCC TRACT
LGL HI ACRES:	1.72
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	1.72
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	BL-25
OWNER ON 1ST:	SHIPYARD BARGE LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	6/6/2006
DEED BOOK:	L586-662
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	3
MAIL STREET NAME:	BROAD ST STE 400
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29401-3026
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	950000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	124700
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0 LOT 83	GEOGRAPHICAL AREA	City of NORTH CHARLESTON					TAX DISTRICT NO. 4-3	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	FABIAN, George W., Jr. (1)		Z41	726			PO Box 5222 N Chas 29406		
4.									
5.									
6.									
7.									
8.									
9.									
10.	PROPERTY LOCATION 2045 MEETING STREET ROAD						SUBDIVISION:		
11.	Lot C	Block	Tract No.		Parcel No.		Other PART VCC TRACT		
12.	ACREAGE: High Land .172	Marsh Land ——	Total Acres 1.72		ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (4)				X
13.	MEASUREMENTS: Road Frontage 564.2 x 107 x 451 x 150 x x x x								
14.	PLATS RECORDED IN: * BL-25, N159-842						COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER		X
15.									

16.	YEAR ASSESSMENT FOR:	1970									CHECKED 4-15-96 BL	
17.	LAND ASSESSMENT $								4.15.96 bld COMPUTERIZED			
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	*			COMPUTERIZED				JUN 11 1987 BY			X
20.	NUMBER OF BUILDINGS											
21.	TOTAL APPRAISED VALUE $											

	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST OF IMPROVEMENT FOR PERMIT TAKEN $	1960-68 TAX MAP CODE
22.					VERIFIED	
23.						TMS 256 BLOCK 2 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #14--Mapped by B & B per Mr. Fabian

LINE #19--Out of a 5.2 ac tract. Land -675, 12B-6200, tot 6875. Separated because interstate ramp splits it and takes part.
See 466-7-0-1 and 464-2-0-17

LINE #1--Previously mapped in North Charleston Dist 4-1. Annexed to City of Charleston in 1976. Changed for 1977 by court action file 76-2304 and letters filed in annexation file for City of Charleston. 7/28/77 ds

Previously mapped in City of Charleston, Dist. 72 in error for 1977; Correct Tax District per mappin is North Charleston, 41 correcting for 1979. jk, 8-2-79.

LINE #12--Previously mapped as 2.70 ac hi. Part VCC Tract. By plat BL-25 is subdivided into Lot A, 0.49 ac , Lot B 0.69 ac and Lot C 1.72 ac. See 466-16-0-123 and 124 for Lots A and B. New legal for this is Lot C, 1.72 ac. for 1987. 6-10-87 ds
Plat BL-25 found 2.90 ac before subdivided.

LINE #1--Tax District changed from North Charleston P.S.D. District 4-1 to City of North Charleston District 4-3 per Ratification number 1995-78 SEC 34-C dated 12-28-95 for 1996. 4-12-96 bld.

Tract 24

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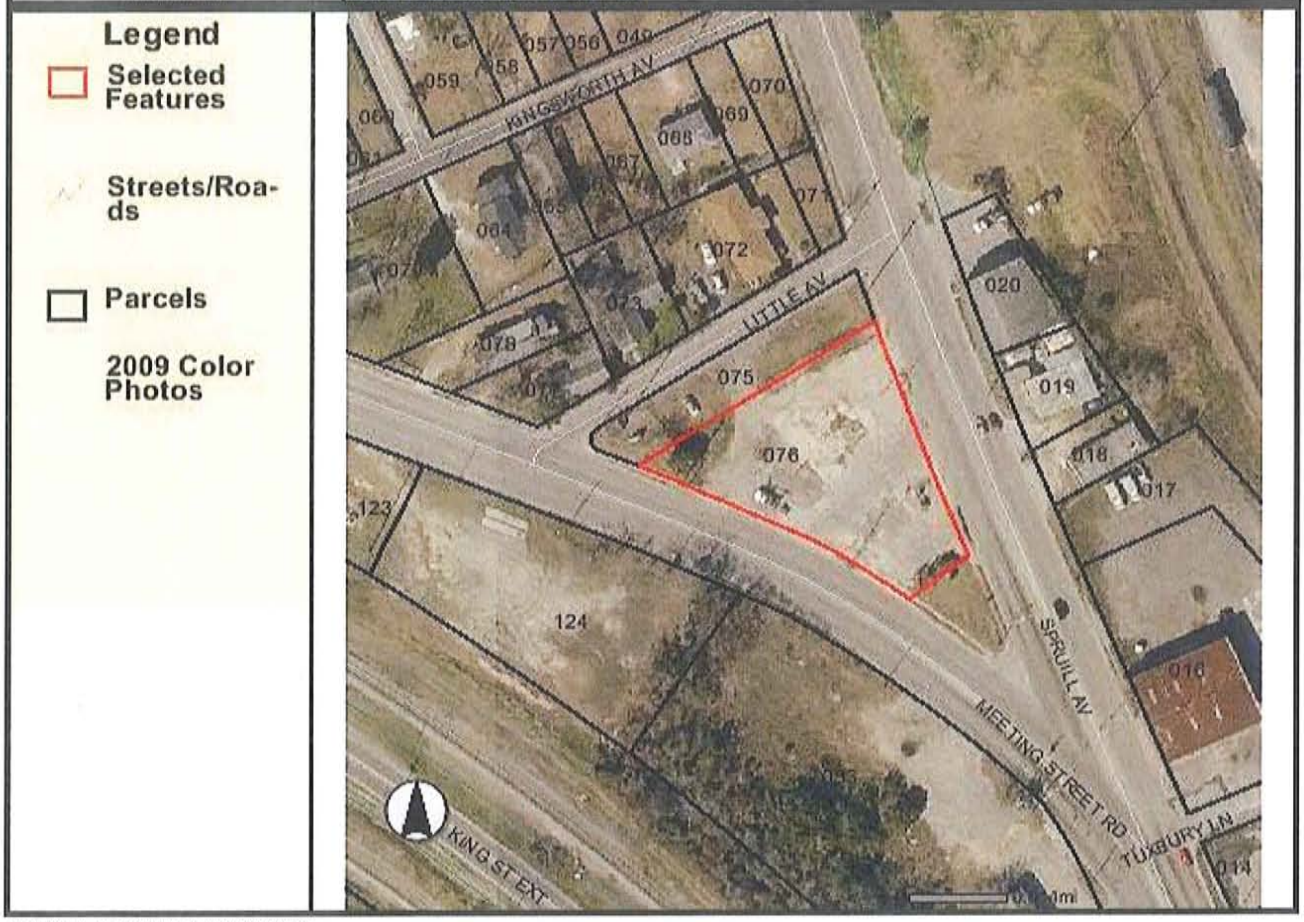

PARCEL NUMBER : 4661600076

PARCEL ID:	4661600076
STREET NUMBER:	2111
STREET NAME:	MEETING STREET RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	CROSBY'S SEAFOOD
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	PRITCHARD
LEGAL DESCRIPTION:	PT LTS 2 3 4 & 5
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-57
OWNER ON 1ST:	CC & A RENTALS INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/31/1997
DEED BOOK:	C280-706
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2019
MAIL STREET NAME:	CHERRY HILL LN
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-9309
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	118000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 00 LOT 70	GEOGRAPHICAL AREA	City Of NORTH CHARLESTON				TAX DISTRICT NO. 4-3	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS:	
3.	CROSBY, G. S., Sr. and William W. ALDRET (1)	10-21-82	S129	241				
4.	CROSBY, G. S., Sr., ETAL	9-16-88	Z177	595			40 CROSBYS [illegible] 382 SPRING ST, CHAS 29403	X
5.	ALDRET, Sandra M. ETAL	12-31-96	H278	479			1750 Combahee St. Ave 29412	
6.	CC & A RENTALS LLC	2-18-97	C280	706	SEE BACK		2019-C Cherry Hill Lane Chas Sc 29405	X
7.								
8.								
9.								

10. **PROPERTY LOCATION** SPRUILL AVENUE — SUBDIVISION: PRITCHARD

11. Lot PARTS 2, 3, 4, and 5 — Block — Tract No. — Parcel No. — Other

12. **ACREAGE:** High Land — Marsh Land — Total Acres — **ACREAGE TAKEN FROM:** DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. **MEASUREMENTS:** Road Frontage 195 X 49.2 X 229.8 X 209.48 X X X X

14. PLATS RECORDED IN: F-240, F-57, AW-36, R129-237 — **COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER** ✓

15. LTS 2 PT 3 AND LTS 4 5 PRITCHARD

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	600		4.12.96 bld						CHECKED	
18.	BUILDING ASSESSMENT $	1200		COMPUTERIZED NOV 7 1988						12-9-88 dz 4-15-96 BL	
19.	TOTAL ASSESSMENT $	1800		By [illegible]							
20.	NUMBER OF BUILDINGS	1		1.14.97	bld						
21.	TOTAL APPRAISED VALUE $			3.17.97	bld						

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	$ ESTIMATED COST AS TAKEN FROM PERMIT	1960-68 TAX MAP CODE
23.						TMS 256 BLOCK 3 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #1--Original Property Record card retired due to filling of ownership spaces. 10-31-88 sw

LINE #4--ETAL are: William W. Aldret and G. S. Crosby, Jr., 20 %. Per deed Z177-595, G.S. Crosby, Sr. and William W. Aldret each convey a 10% interest to G. S. Crosby, Jr., giving him a 20% interest. 10-31-88 sw

LINE #1--Tax District changed from North Charleston P.S.D. District 4-1 to City of North Charleston District 4-3 per Ratification number 1995-78 SEC 34-C dated 12-28-95 for 1996. 4-12-96 bld.

LINE# 5--See Deed of Distribution H278-479 and File # 96-ES-10-00459 The Estate of George S. Crosby Sr. Etal Are: William E. Aldret, G.S. Crosby Jr. Sandra M. Aldret Ernest B. Crosby and Jerry Crosby 1-14-96 lbs

LINE #6--Deed C280-706 shows consideration of $5.00 as an initial capital contribution to CC&A Rentals LLC. 3-17-97 bld.

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 25

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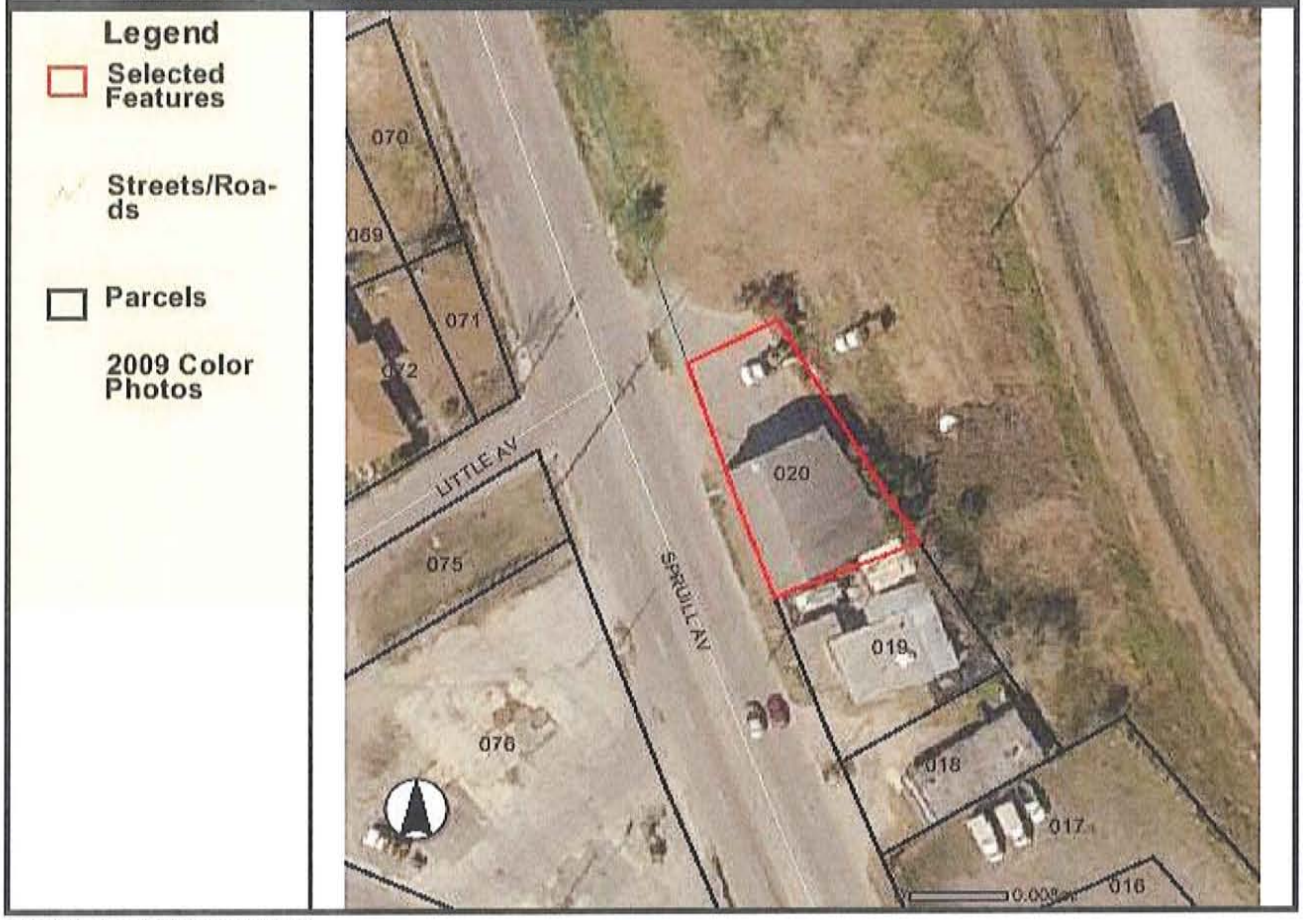


PARCEL NUMBER : 4661600020

PARCEL ID:	4661600020
STREET NUMBER:	2132
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	BALWIN BROTHERS
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LT 1
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-243
OWNER ON 1ST:	BALDWIN BROTHERS INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	10/19/1995
DEED BOOK:	D261-785
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2132
MAIL STREET NAME:	SPRUILL AVE
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8141
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	9
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	136900
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 20	GEOGRAPHICAL AREA	City of NORTH CHARLESTON		TAX DISTRICT NO.	4-3

	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	BALDWIN, N. B. and H. T. (1)	10-46	J47	112			
4.	BALDWIN, Harold T., a/k/a H. T. BALDWIN	7-6-78	G116	317	20,000		2132 Spruill ave. Chas. 29405 12-19
5.	BALDWIN, Leon T. a/k/a L. T.	6-19-85	B146	60	35,000		4525 Holmes Ave, N. Chas. SC 29405
6.	BALDWIN BROTHERS, INC.	10-19-95	D261	785			2132 Spruill Ave. Chas. 29405
7.							
8.							
9.							

10.	PROPERTY LOCATION 2132 SPRUILL AVENUE		SUBDIVISION:	
11.	Lot 1	Block	Tract No.	Parcel No.	Other
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage 111.4 x 44 x 115 x 65 x x x x			
14.	PLATS RECORDED IN: F-243			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓
15.	NO 1 F 243			

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	100									
18.	BUILDING ASSESSMENT $	1200									
19.	TOTAL ASSESSMENT $	1300									
20.	NUMBER OF BUILDINGS	1									
21.	TOTAL APPRAISED VALUE $										

COMPUTERIZED 4-12-96 bld
OCT 29 1985
BY NB
10-26-95 bt

CHECKED
11-8-85 ds
ck 4-12-96 BS

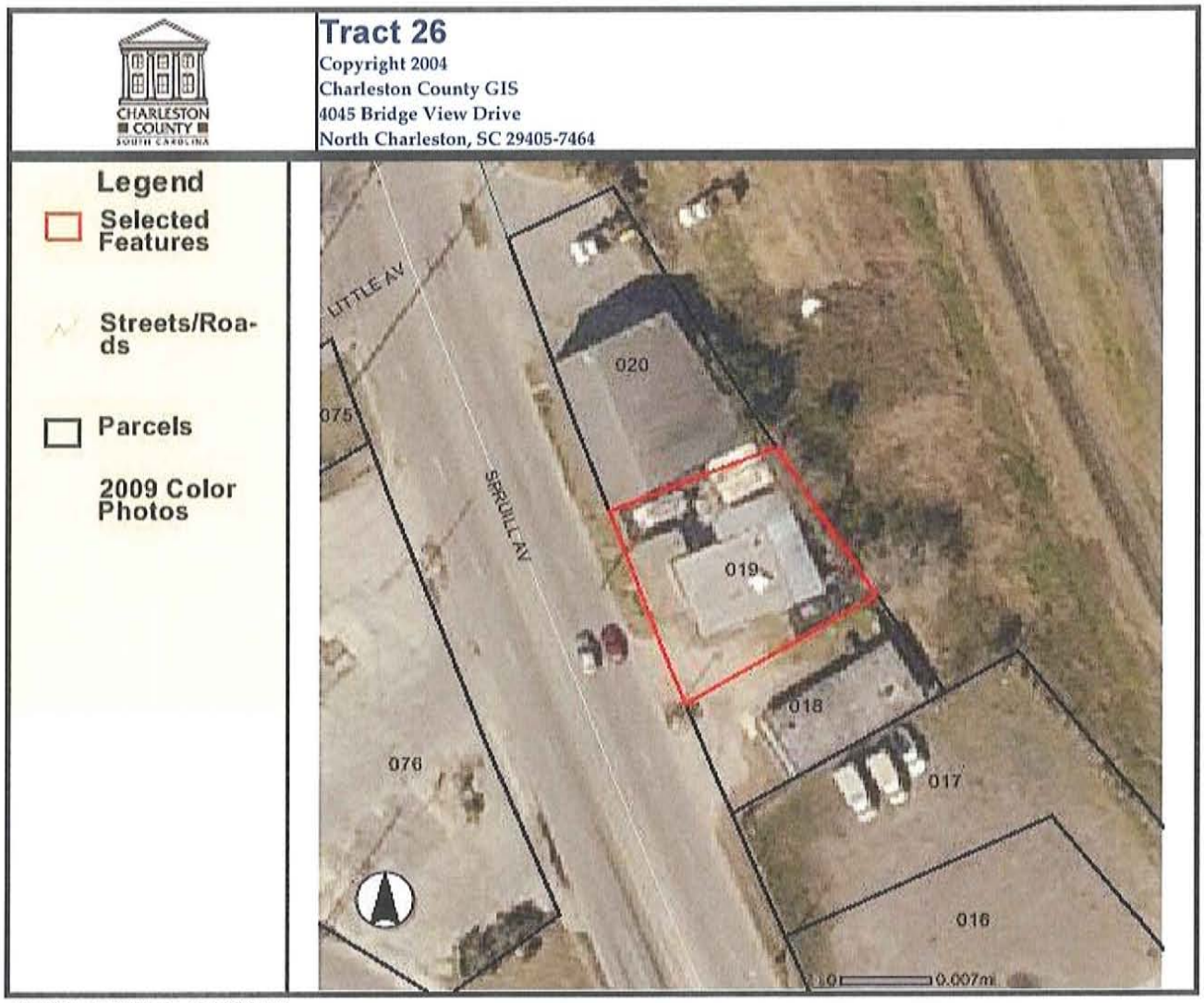
	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $
22.					
23.					
24.					
25.					

1960-68 TAX MAP CODE

TMS 256 BLOCK 4 LOT 1

"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #1--Tax District changed from North Charleston P.S.D. District 4-1 to City of North Charleston District 4-3 per Ratification number 1995-78 SEC 34-C dated 12-28-95 for 1996. 4-12-96 bld.



PARCEL NUMBER : 4661600019

PARCEL ID:	4661600019
STREET NUMBER:	2128
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LT 2 3 & 4
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-243
OWNER ON 1ST:	PLANTATION PAINTERS INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/24/2005
DEED BOOK:	J538-043
WILL CODE:	
WILL DATE:	
C O NAME:	RICHARD SNYDER
MAIL STREET NUMBER:	4
MAIL STREET NAME:	JUDITH ST
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29403-6311
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	125000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	97200
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 19	GEOGRAPHICAL AREA	City of NORTH CHARLESTON		TAX DISTRICT NO. 4-3	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	ATLANTIC PEST CONTROL COMPANY	8-60	B72	595			
4.	SMITH, Louise B. (1)	1-11-62v	Z74	247	11,300		
5.	HIGGINBOTHAN, Reuben C., III and Reuben C., Jr.	6-28-83	B132	134	20,000		2128 Spruill Ave N. Chas. S.C. 29406 X
6.	HIGGINBOTHAM, Reuben C., Jr.	10-10-90	H197	791			2415 Terrell St. 29414
7.	HAMNER, Dan P. and Cheryl	11-12-91	Z207	8	33,500		S/L 29405
8.	MEETZE, James A and Tanya K	3-24-99	Z322	881	35,000		1535 Privateer Dr, Mt Pleasant 29464
9.	RAGDEGLIA, Giovanni (dba) RHODES TILE	5-13-03	L448	448	85,000		924 Beresford crt. Mt. Pleas 29464

10. PROPERTY LOCATION 2128 SPRUILL AVENUE — SUBDIVISION:

11. Lot 2, 3, and 4 — Block — Tract No. — Parcel No. — Other

12. ACREAGE: High Land — Marsh Land — Total Acres — ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 82.1 x 65 x 75.5 x 82.3 x x x x

14. PLATS RECORDED IN: F-243 — COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15. LT 2 3 AND $ SPRUILL F 243 X

16.	YEAR ASSESSMENT FOR:	1970							4/1/99 RC		
17.	LAND ASSESSMENT $	75						COMPUTERIZED	4.12.96 bld		
18.	BUILDING ASSESSMENT $	700	COMPUTERIZED OCT 25 1990			COMPUTERIZED CHECKED		DEC 5 1991			
19.	TOTAL ASSESSMENT $	775	By PAE			4/14/83		BY: P. A. E.			
20.	NUMBER OF BUILDINGS	1				Ch 4-12-96					
21.	TOTAL APPRAISED VALUE $										

	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
22.						
23.						TMS 256 BLOCK 4 LOT 2
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #15--"SPRUILL" is location

LINE #5--By recital in deed B132-134 Louise B. Smith died Jan. 24,1982 and devised all property to Reginald Brian Smith and Alice Louise Smith, see File #82-176. Whereas, Reginald Brian Smith has qualified as Administrator CTA of the said estate. By deed B132-134 Reginald Brian Smith individually and as Administrator CTA of the Estate of Louise B. Smith and Alice Louise Smith conveyed their int. in said property to the grantees Reuben C. Higginbothan, III & Reuben C. Higginbothan, Jr. 7/8/83 pe

LINE #1--Tax District changed from North Charleston P.S.D. District 4-1 to City of North Charleston District 4-3 per Ratification number 1995-78 SEC 34-C dated 12-28-95 for 1996. 4-12-96 bld.



PARCEL NUMBER : 4661600018

PARCEL ID:	4661600018
STREET NUMBER:	2120
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LT 6 & PT 5
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-243
OWNER ON 1ST:	WORKS DONNA L
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	10/7/2002
DEED BOOK:	L421-763
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	112
MAIL STREET NAME:	BLACKWELL AVE
MAIL UNIT:	
MAIL CITY:	SUMMERVILLE
MAIL STATE:	SC
MAIL ZIP:	29485-8811
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	53600
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0	LOT 18	GEOGRAPHICAL AREA	City of NORTH CHARLESTON			TAX DISTRICT NO. 4-3	
2.	TITLE OF OWNERSHIP		DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	BUNCH, X. O., Jr.		9-62	Z76	360			
4.	BUNCH REALTY CO., INC.		3-5-64v	R79	413			X
5.	L. B. ENTERPRISES, INC.		7-29-76	Z109	108	30,000	3	Lot 46 Ladson Village Ladson S.C. 29456
6.	S & B, INC.		8-18-87	Y167	197	35,000	4	2128 Spruill Ave. 29405
7.	BOTTEN, Paulette		12-20-93	H236	825			2124 Elm Village Dr 29483 Sville
8.	WORKS, Donna L.		10-09-02	L421	763			112 Blackwell Ave Summerville SC 29485
9.								

10.	PROPERTY LOCATION	N x 2128 SPRUILL AVENUE	SUBDIVISION:	
11.	Lot 6 and PART 5	Block	Tract No.	Parcel No. / Other
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage	45 x 82.3 x 45 x 93.4 x	x	x x
14.	PLATS RECORDED IN: F-243			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER
15.	LT 6 SPRUILL; PT LT 5 SPRUILL *			X

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $	100									
18.	BUILDING ASSESSMENT $	830									
19.	TOTAL ASSESSMENT $	930*									X
20.	NUMBER OF BUILDINGS	1									
21.	TOTAL APPRAISED VALUE $										

COMPUTERIZED 4.12.96 bld
10/6/87 SAB
1-25-94 cdg
CHECKED Ch 4-12-96 [illegible]
10/21/87 DAE.

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 256 BLOCK 4 LOT 5
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #15--"SPRUILL" is location. Lots combined because bldg crosses line.

LINE #19--Asmts combined: Lot 6 is 1L-50, 1B-830, tot 880, File #1611 dtd 5-6-68, Bldg completed 1965. Lot 5 is 1L-50.

LINE #4--Previously carried as Bunch Realty Company, Inc. Changed to Bunch Realty Co., Inc. per corrective deed. S110-198 11-1-76 je

LINE #1--Tax District changed from North Charleston P.S.D. District 4-1 to City of North Charleston District 4-3 per Ratification number 1995-78 SEC 34-C dated 12-28-95 for 1996. 4-12-96 bld.

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 28

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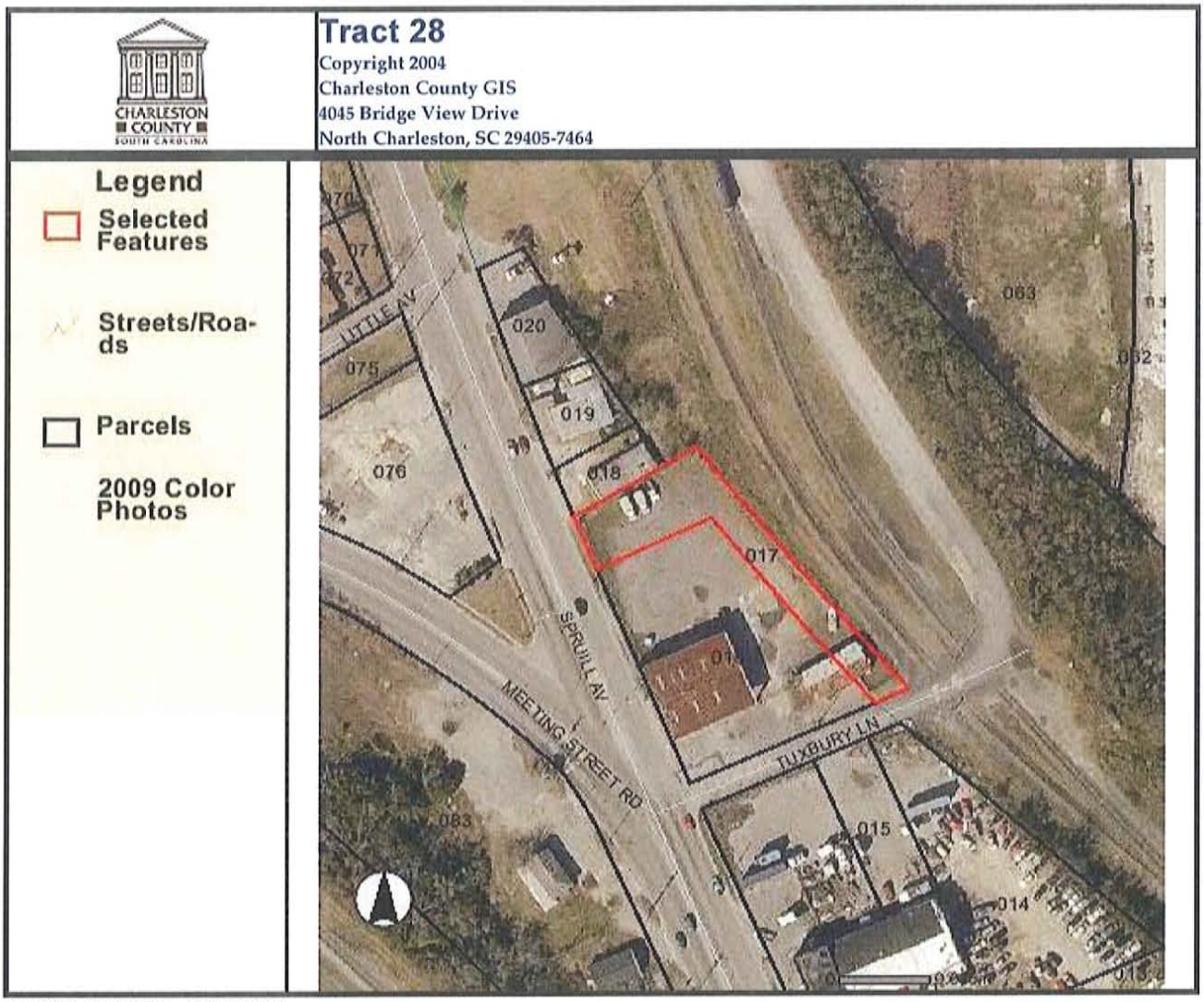
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4661600017

PARCEL ID:	4661600017
STREET NUMBER:	2118
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	PRITCHARD
LEGAL DESCRIPTION:	TRACT A
LGL HI ACRES:	0.32
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0.32
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-243
OWNER ON 1ST:	JENNINGS MICHAEL
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	4/2/2001
DEED BOOK:	W367-001
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2026
MAIL STREET NAME:	MEETING STREET RD
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-9357
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	145000
MULT LOT:	2
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	22300
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0 LOT 17	GEOGRAPHICAL AREA	City of NORTH CHARLESTON					TAX DISTRICT NO.	4-3
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	SEABOARD AIR LINES RAILROAD (1)	7-55	G60	574					
4.	KELLY AND KELLY	7-22-86	Y155	344	20,000	26	PO Box 70767 Chas Hgts 29415		
5.	JENNINGS, Michael	4-3-01	W367	001	145,000		2026 meeting St Chas 29405		
6.									
7.									
8.									
9.									

10. PROPERTY LOCATION: Sprull Ave; SUBDIVISION: PRITCHARD

11. Lot [illegible] Block | Tract No. A | Parcel No. | Other

12. ACREAGE: High Land 0.319 Marsh Land — Total Acres 0.319 | ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 50 × 123.4 × 288.3 × 30 × 220.9 × 107.6 X X X

14. PLATS RECORDED IN: F-243, Y155-344 exhibit | COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15. 7 8 PRITCHARD

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	50										
18.	BUILDING ASSESSMENT $	400										
19.	TOTAL ASSESSMENT $	450										
20.	NUMBER OF BUILDINGS	1										
21.	TOTAL APPRAISED VALUE $											

COMPUTERIZED JUN 11 1987 BY NB 2-24-95 00

CHECKED 6-29-87 dr

COMPUTERIZED APR 09 2001

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $
23.					
24.					
25.					

1960-68 TAX MAP CODE

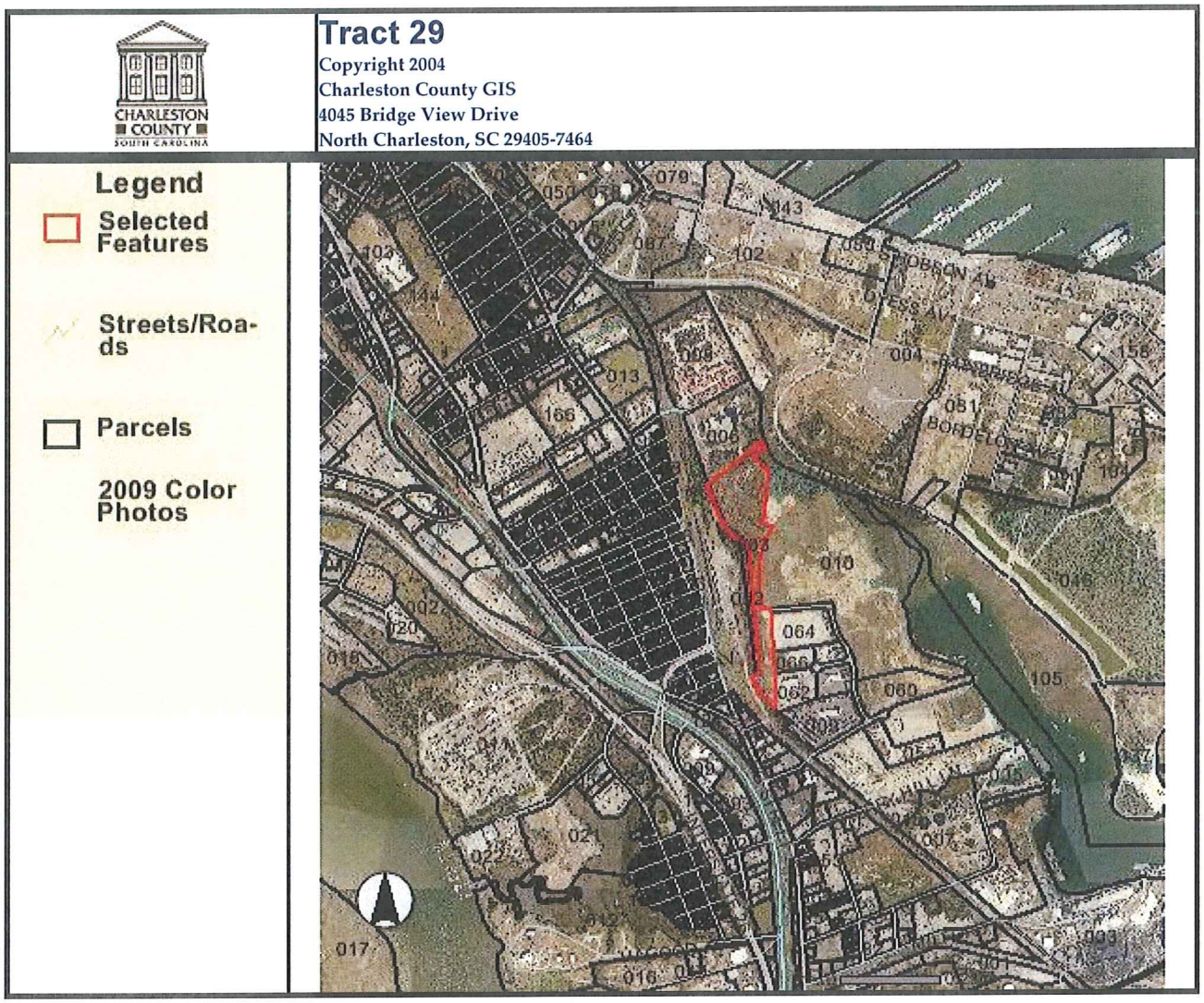
TMS 256 BLOCK 4 LOT 6

"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #13--Previously mapped as 50 x 93.4 x 60 x 107.4 Lots 7 and 8, Pritchard. By deed Y155-344 a part of SCL RR R/w is added to this lot for 1987. Legal and acreage change to Tract A, 0.319 ac, measurements 50 x 123.4 x 288.3 x 30 x 220.9 x 107.6. 6-10-87 ds

LINE #4--Grantor on deed Y155-344 is Seaboard System Railroad, Inc, merger with Seaboard Coast Line and Seaboard Air Lines R.R. 6-10-87 ds

LINE #1--Tax district changed from tax district 4-1, North Charleston P.S.D. to tax district 4-3, City of North Charleston by ordinance no. 1994-45 dated 12-22-94 for 1995. 2/24/95 cdf

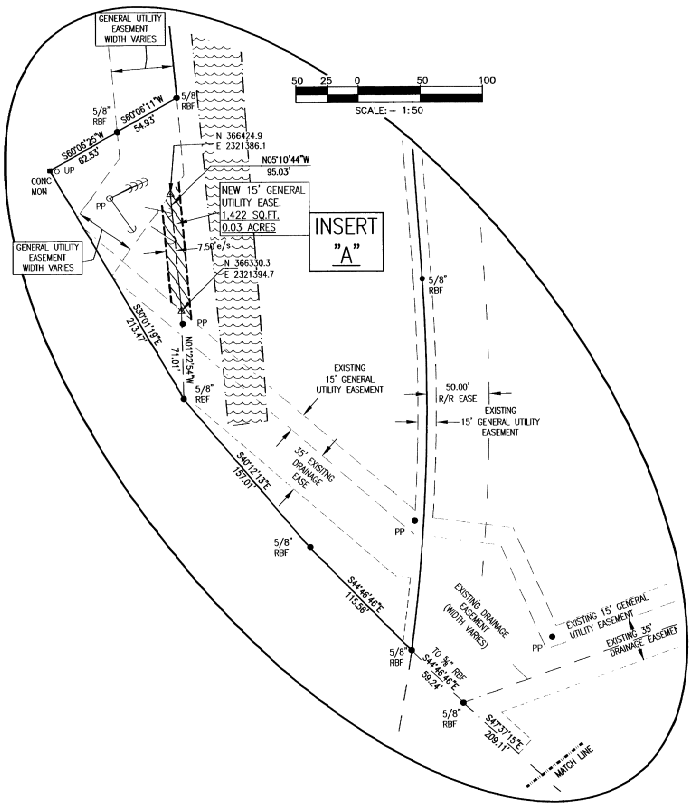


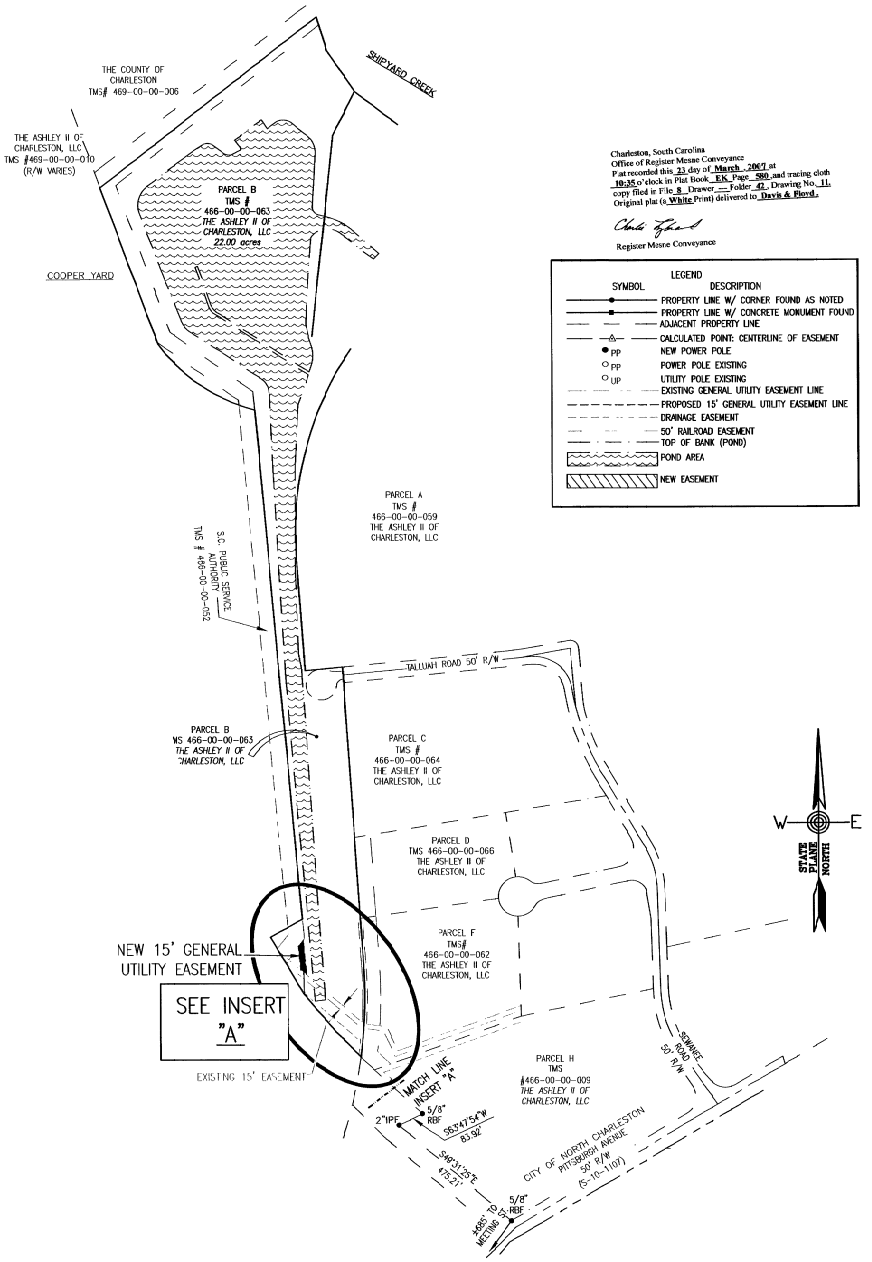
PARCEL NUMBER : 4660000063

PARCEL ID:	4660000063
STREET NUMBER:	0
STREET NAME:	TALLUAH RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	UND
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PARCEL B
LGL HI ACRES:	22.11
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	2.09
LGL TOTAL ACRES:	24.2
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	EK-580
OWNER ON 1ST:	SHIPYARD CREEK ASSOCIATES
OWNER2 ON 1ST:	LLC

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	3/26/2007
DEED BOOK:	V619-616
WILL CODE:	
WILL DATE:	
C O NAME:	BRANCH CAPITAL PARTNERS
MAIL STREET NUMBER:	3340
MAIL STREET NAME:	PEACHTREE RD NE STE 2050
MAIL UNIT:	
MAIL CITY:	ATLANTA
MAIL STATE:	GA
MAIL ZIP:	30326-1018
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	33000000
MULT LOT:	8
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	200
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

BK N 619PG298



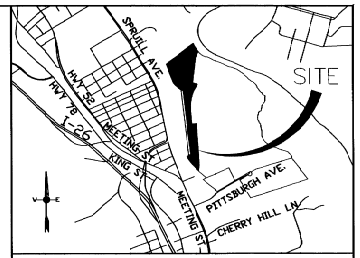


Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 23 day of March, 2007 at 10:25 o'clock in Plat Book EK Page 580 and tracing cloth copy filed in File S Drawer — Folder 42, Drawing No. 11. Original plat (a White Print) delivered to Davis & Floyd.

Register Mesne Conveyance

LEGEND

SYMBOL	DESCRIPTION
	PROPERTY LINE W/ CORNER FOUND AS NOTED
	PROPERTY LINE W/ CONCRETE MONUMENT FOUND
	ADJACENT PROPERTY LINE
	CALCULATED POINT: CENTERLINE OF EASEMENT
pp	NEW POWER POLE
pp	POWER POLE EXISTING
UP	UTILITY POLE EXISTING
	EXISTING GENERAL UTILITY EASEMENT LINE
	PROPOSED 15' GENERAL UTILITY EASEMENT LINE
	DRAINAGE EASEMENT
	50' RAILROAD EASEMENT
	TOP OF BANK (POND)
	POND AREA
	NEW EASEMENT



GENERAL NOTES:

1. ALL GENERAL UTILITY EASEMENTS ARE TO BE MAINTAINED BY ASHLEY II OF CHARLESTON, LLC. ALL DRAINAGE EASEMENTS ARE TO BE DEDICATED TO THE CITY OF NORTH CHARLESTON.
2. BY GRAPHIC PLOTTING ONLY, THIS PROPERTY APPEARS TO BE IN FLOOD ZONES "X", AREAS OF MINIMAL FLOODING AND "AE" MINIMUM EL. 12', AS SHOWN ON FLOOD INSURANCE RATE MAP PANEL #45019C0504J EFFECTIVE DATE: 17 NOVEMBER 2004

REFERENCE PLATS BY:

	PLAT BOOK-PAGE
1. ALBERT HEATLEY, Jr. – AUG. 1975	AF – 14
2. ALBERT HEATLEY, Jr. – MAR. 1979	AN – 103
3. JOHN McCRADY, Jr. – MAY 1968	Y – 35
4. JOHN WADE, Jr. – NOV 1986	DA – 982
5. FRANKIE MANHARDT – 14 FEB 2006	EJ – 655-657

EASEMENT PLAT

SHOWING A
NEW 15' GENERAL UTILITY EASEMENT
DEDICATED TO
SOUTH CAROLINA PUBLIC SERVICE AUTHORITY
LOCATED ON
Parcel "B"
TMS# 466-00-00-063
AS SHOWN
FOR
ASHLEY II OF CHARLESTON, LLC
LOCATED
CITY OF NORTH CHARLESTON
CHARLESTON COUNTY, SOUTH CAROLINA

SCALE: - 1:200 DATE: 14 NOV 06

200 100 0 200 400

DAVIS & FLOYD, INC
POST OFFICE BOX 61599
CHARLESTON, S.C. 29419
PHONE (843) 554-8602

I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS "A" SURVEY AS SPECIFIED THEREIN. THE AREA WAS DETERMINED BY THE COORDINATE METHOD OF AREA DETERMINATION. THE PRECISION OF THE UNADJUSTED FIELD SURVEY WAS GREATER THAN 1:10,000.

SOUTH CAROLINA REGISTERED PROFESSIONAL No. 21231 TIER A LAND SURVEYOR

SOUTH CAROLINA DAVIS & FLOYD, INC. No. C00538 CERTIFICATE OF AUTHORIZATION

MILTON P. MUCKENFUSS - S.C.R.L.S. No. 21231 DATE: 3/21/07

EASEMENT PLAT APPROVED
DATE: 3-30-2007
Planning Director
City of North Charleston

ACAD DWG. - G:\JOBS\EVEN\31058-00\I\3105801 LD PROJECT\DWG\31058_UTIL EASELOT-B121306.DWG
Mar 21, 2007 - 07:56:23, mmontgom

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 30

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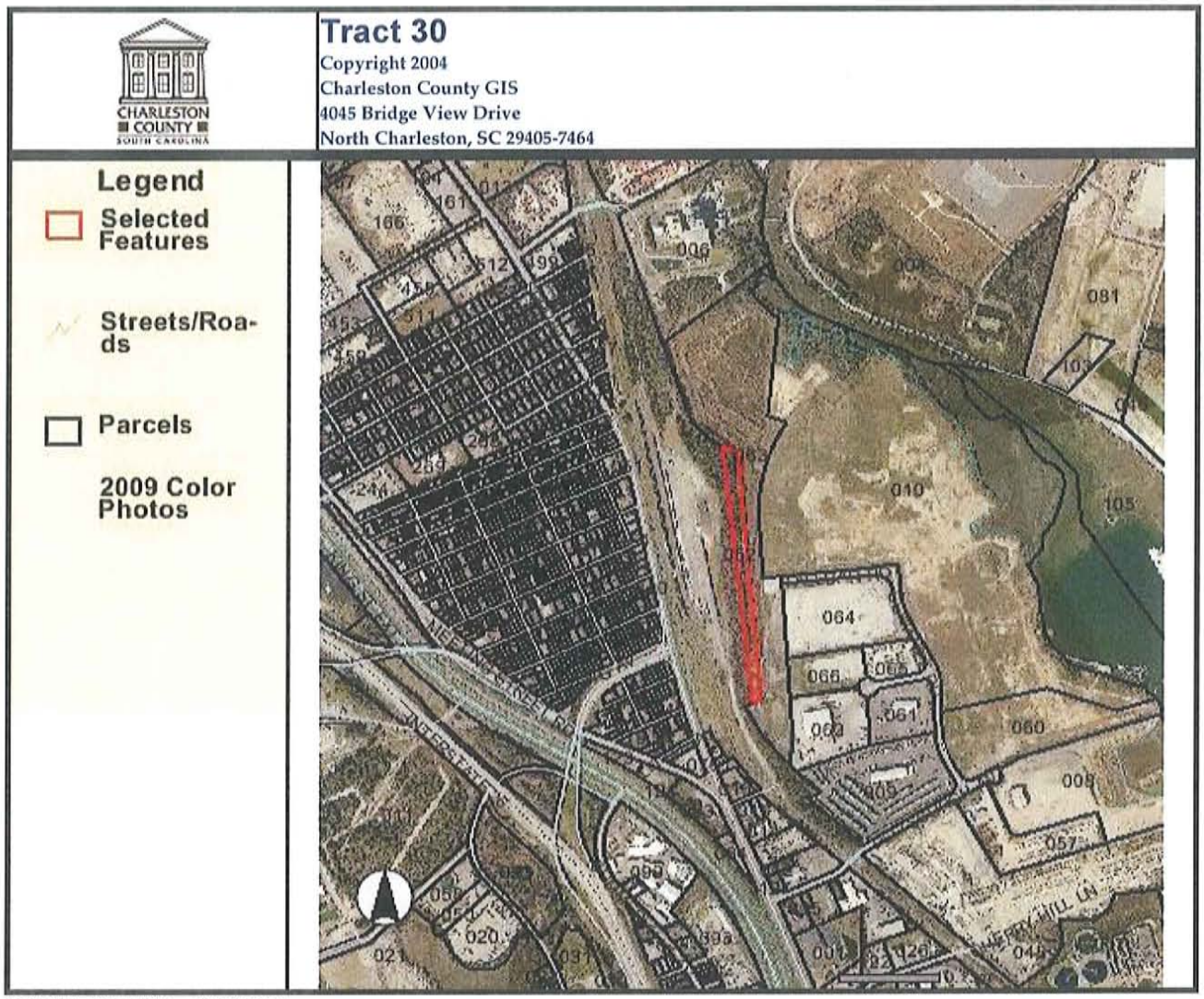
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660000052

PARCEL ID:	4660000052
STREET NUMBER:	0
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	OFF OF
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	
LGL HI ACRES:	1.91
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	1.91
TAX DISTRICT:	41
JURISDICTION:	STE
PLAT BOOK:	K183297
OWNER ON 1ST:	SOUTH CAROLINA PUBLIC SERVICE
OWNER2 ON 1ST:	AUTHORITY

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	2/7/1989
DEED BOOK:	K183-297
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 398
MAIL UNIT:	
MAIL CITY:	MONCKS CORNER
MAIL STATE:	SC
MAIL ZIP:	29461-0398
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	20000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 00 — 00 LOT 5.2	GEOGRAPHICAL AREA N. CHARLESTON PSD						TAX DISTRICT NO. 4-1	
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS:		
3.	CSX TRANSPORTATION (S)								
4.	SOUTH CAROLINA PUBLIC SERVICE AUTHORITY	4-7-89	K183	297	20,000		PO Box 398, Moncks Corner, SC 29461		
5.									
6.									
7.									
8.									
9.									

10. **PROPERTY LOCATION** SUBDIVISION

11. Lot Block Tract No Parcel No Other

12. **ACREAGE:** High Land 1.91 Marsh Land — Total Acres 1.91 **ACREAGE TAKEN FROM:** DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. **MEASUREMENTS:** Road Frontage 1641.1 X 54.9 X 1686.8 X 55.8 X X X X

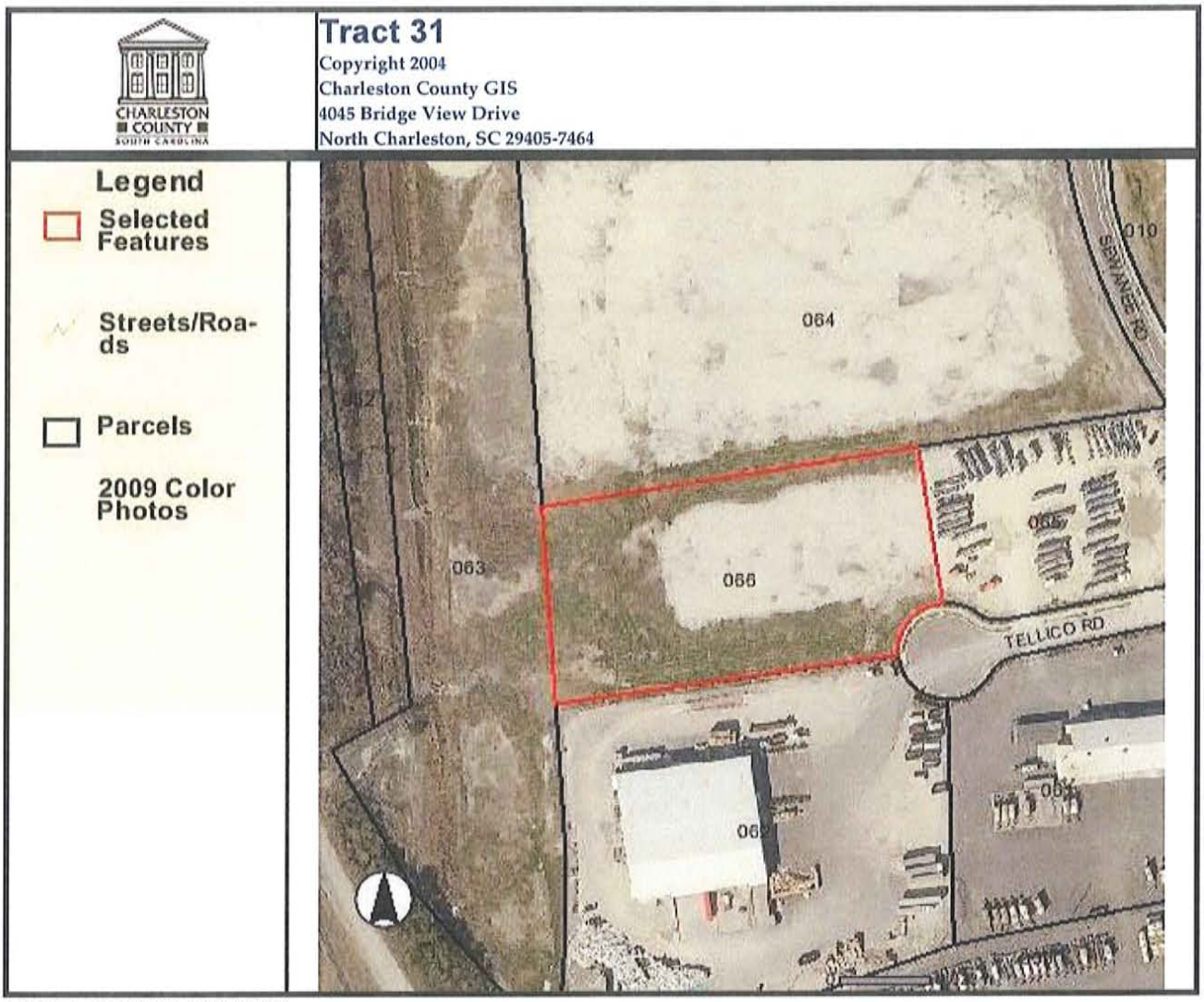
14. PLATS RECORDED IN Exhibit att. to K183-297 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER

15.

16.	YEAR ASSESSMENT FOR	1989											
17.	LAND ASSESSMENT $		COMPUTERIZED									CHECKED 1-30-90	
18.	BUILDING ASSESSMENT $		DEC 5 1989										
19.	TOTAL ASSESSMENT $	*	By RDS										X
20.	NUMBER OF BUILDINGS		12/28/89 PE01										
21.	TOTAL APPRAISED VALUE $												

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	$ ESTIMATED COST AS TAKEN FROM PERMIT	1960 68 TAX MAP CODE TMS	BLOCK	LOT
23.								
24.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS		
25.								

LINE #19--New account created for 1990. Prev. mapped as part of the Railroad R/W. 10-26-89 sw



PARCEL NUMBER : 4660000066

PARCEL ID:	4660000066
STREET NUMBER:	0
STREET NAME:	TELLICO RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PARCEL D
LGL HI ACRES:	2.99
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	2.99
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	EJ-906
OWNER ON 1ST:	SHIPYARD CREEK ASSOCIATES
OWNER2 ON 1ST:	LLC

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	3/26/2007
DEED BOOK:	V619-616
WILL CODE:	
WILL DATE:	
C O NAME:	BRANCH CAPITAL PARTNERS
MAIL STREET NUMBER:	3340
MAIL STREET NAME:	PEACHTREE RD NE STE 2050
MAIL UNIT:	
MAIL CITY:	ATLANTA
MAIL STATE:	GA
MAIL ZIP:	30326-1018
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	33000000
MULT LOT:	8
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	550000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 00 — 00 LOT 5.2	GEOGRAPHICAL AREA N. CHARLESTON PSD						TAX DISTRICT NO. 4-1	
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS:		
3.	CSX TRANSPORTATION (S)								
4.	SOUTH CAROLINA PUBLIC SERVICE AUTHORITY	4-7-89	K183	297	20,000		PO Box 398, Moncks Corner, SC 29461		
5.									
6.									
7.									
8.									
9.									

10. **PROPERTY LOCATION** SUBDIVISION

11. Lot Block Tract No Parcel No Other

12. **ACREAGE:** High Land 1.91 Marsh Land — Total Acres 1.91 **ACREAGE TAKEN FROM:** DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. **MEASUREMENTS:** Road Frontage 1641.1 X 54.9 X 1686.8 X 55.8 X X X X

14. PLATS RECORDED IN Exhibit att. to K183-297 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER

15.

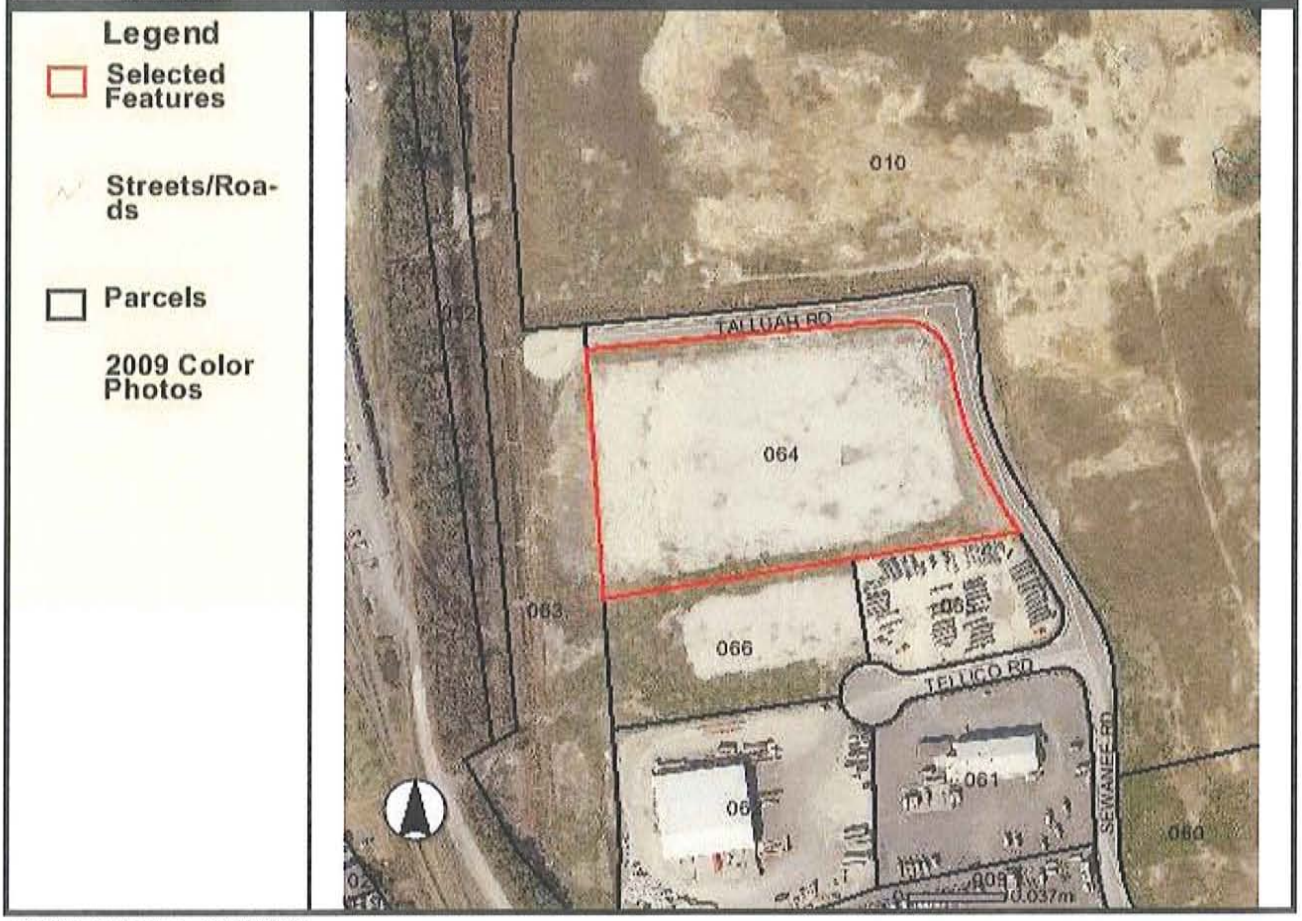
16.	YEAR ASSESSMENT FOR	1989											
17.	LAND ASSESSMENT $		COMPUTERIZED									CHECKED 1-30-90	
18.	BUILDING ASSESSMENT $		DEC 5 1989										
19.	TOTAL ASSESSMENT $	*	By RDS										X
20.	NUMBER OF BUILDINGS		12/28/89 PE01										
21.	TOTAL APPRAISED VALUE $												

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	$ ESTIMATED COST AS TAKEN FROM PERMIT	1960 68 TAX MAP CODE TMS	BLOCK	LOT
23.								
24.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS		
25.								

LINE #19--New account created for 1990. Prev. mapped as part of the Railroad R/W. 10-26-89 sw

Tract 32

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660000064

PARCEL ID:	4660000064
STREET NUMBER:	0
STREET NAME:	TALLUAH RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PARCEL C
LGL HI ACRES:	7.98
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	7.98
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	EJ-906
OWNER ON 1ST:	SHIPYARD CREEK ASSOCIATES
OWNER2 ON 1ST:	LLC

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	3/26/2007
DEED BOOK:	V619-616
WILL CODE:	
WILL DATE:	
C O NAME:	BRANCH CAPITAL PARTNERS
MAIL STREET NUMBER:	3340
MAIL STREET NAME:	PEACHTREE RD NE STE 2050
MAIL UNIT:	
MAIL CITY:	ATLANTA
MAIL STATE:	GA
MAIL ZIP:	30326-1018
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	33000000
MULT LOT:	8
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	1475000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 33

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4045 Bridge View Drive
North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4660000010

PARCEL ID:	4660000010
STREET NUMBER:	1800
STREET NAME:	PITTSBURGH AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	COOPER YARD
LEGAL DESCRIPTION:	PARCEL A
LGL HI ACRES:	60.72
LGL MAR ACRES:	13.67
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0.34
LGL TOTAL ACRES:	74.73
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	Y-35
OWNER ON 1ST:	SHIPYARD CREEK ASSOCIATES
OWNER2 ON 1ST:	LLC

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	3/26/2007
DEED BOOK:	V619-616
WILL CODE:	
WILL DATE:	
C O NAME:	BRANCH CAPITAL PARTNERS
MAIL STREET NUMBER:	3340
MAIL STREET NAME:	PEACHTREE RD NE STE 2050
MAIL UNIT:	
MAIL CITY:	ATLANTA
MAIL STATE:	GA
MAIL ZIP:	30326-1018
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	33000000
MULT LOT:	8
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	16394000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 0 — 0	LOT 10	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON				TAX DISTRICT NO. 4-3	X
2.	TITLE OF OWNERSHIP		DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	AIR REDUCTION COMPANY, INC.	(3)	7-1-69v	T91	272			PO Box 2[illegible] [illegible] Falls NY 1420[illegible]
4.	MACALLOY CORPORATION	(1)	7-17-79	U119	72			c/o Keenan, Kitner & Matt 350 Madison Ave, N.Y. NY 10017 X
5.								
6.								
7.								
8.								
9.								

10.	PROPERTY LOCATION Pittsburgh Avenue			SUBDIVISION		
11.	Lot	Block	Tract No A, C and PT ABA	Parcel N	Other COOPER YARD	X
12.	ACREAGE: High Land 124.7	Marsh Land 16.6	Total Acres 141.8	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (4)		X
13.	MEASUREMENTS: Road Frontage	x	x	x	x	x
14.	PLATS RECORDED IN Y-35, T91-373, AN-103, S119-289, AF-14, M107-202			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER		
15.	COOPER YARD Y 35 13.20 ac; 1 and 2; 57.50 ac; PT COOPER YD HI 27 68 PT COOPER YD MSH 13 40.68 ac *					X

16.	YEAR ASSESSMENT FOR	1970									
17.	LAND ASSESSMENT $	11255	COMPUTERIZED				2/14/80 PG				
18.	BUILDING ASSESSMENT $	43250	AUG 18 1989			CHECKED		JMW 4/3/80			
19.	TOTAL ASSESSMENT $	54505 *	By_____			8/26/80 2B		4/10/80 do			X
20.	NUMBER OF BUILDINGS	29		COMPUTERIZED		VERIFIED					
21.	TOTAL APPRAISED VALUE $										

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #15--Property combined for common use

LINE #19--Asmts combined: Cooper Yard 13.20 ac is L-2405; 1 and 2 is 1L-30, 1B-30000, tot 30300; 57.50 ac is L-5550, 28B-13250, total 18800; PT Cooper Hi& Marsh 40.68 ac is L-3000.

LINE #1--Previously mapped as 466-0-0-10. Separated into A & B cards for 1979 by SCTC. A card is Juris code 3 and B card is juris code 4 for bldg only. 8/23/79 ds

LINE #12--Previously mapped as 98.2 ac hi & 15.1 ac marsh. By deed S119-317 Seaboard Coast Line Railroad Co. conbeys 1.40 ac to Airco, Inc and by plat AN-103 is combined in this entry for 1980. New legal and acreage is Tract C and Pt ABA, 114.8 ac. 12/31/79 ds

LINE #4--Deed is for 466-0-0-10A and 469-0-0-8. By recital in deed U119-72 AIRCO, INC is formerly Air Reduction Company, Incorporated 12/31/79 ds

LINE# 1--Tax District changed from 4-1 (North Chas.) to 4-3 (City of North Chas.) for 1980. Annexed to City of North Charleston, Radification, Section 13-J,S12-6-79. jmw 3-28-80

LINE# 12--Previously mapped as 99.7 ac. High and 15.1 ac. Marsh = total of 114.8 ac. SCTC 61000039 Cooper Yard/ Per request of SCTC Wayne Welch, 466-0-0-10 was deleted and combined with this card for 1980. Now legal is 124.7 ac. High and 16.6 ac. Marsh = total of 141.3 ac., Tract A, C, and Pt. ABA, SCTC 61000039, Cooper Yard. jmw 4-7-80

LINE #1--TMS # for 466-0-0-10A and B are deleted for 1980 because they did not qualify for manufacturers exemption special levy per Robert Stine. 8/25/80 pe

LINE #11--SCTC # changed from 610 00039 to 610 00235 for 1989 8-18-89 ds

LINE #11-Changed SCTC number from 610-00235 to 1385622-000 per Dept of Revenue certification. 11-8-95 bld.

LINE #11--Juris. code changed from 3 to 1 for 1999 per notification from Dept. of Revenue dated 9/7/99 (BUSINESS CLOSED). Measurement change form sent to Assessor 9/10/99. pae

LINE# 1-- Plat EF-499 is for a 25' Utility easement 6-18-02 lbs

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 34

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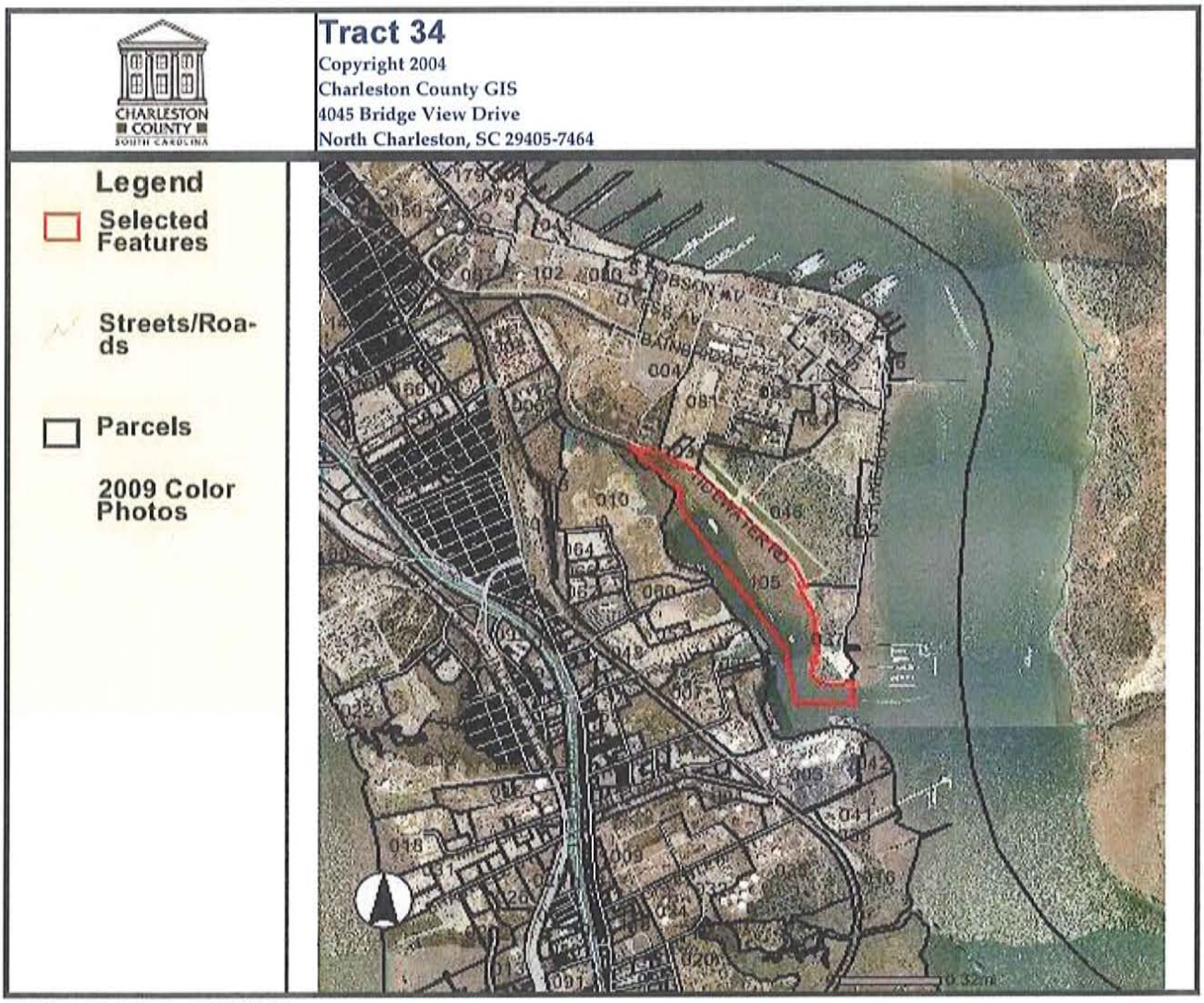
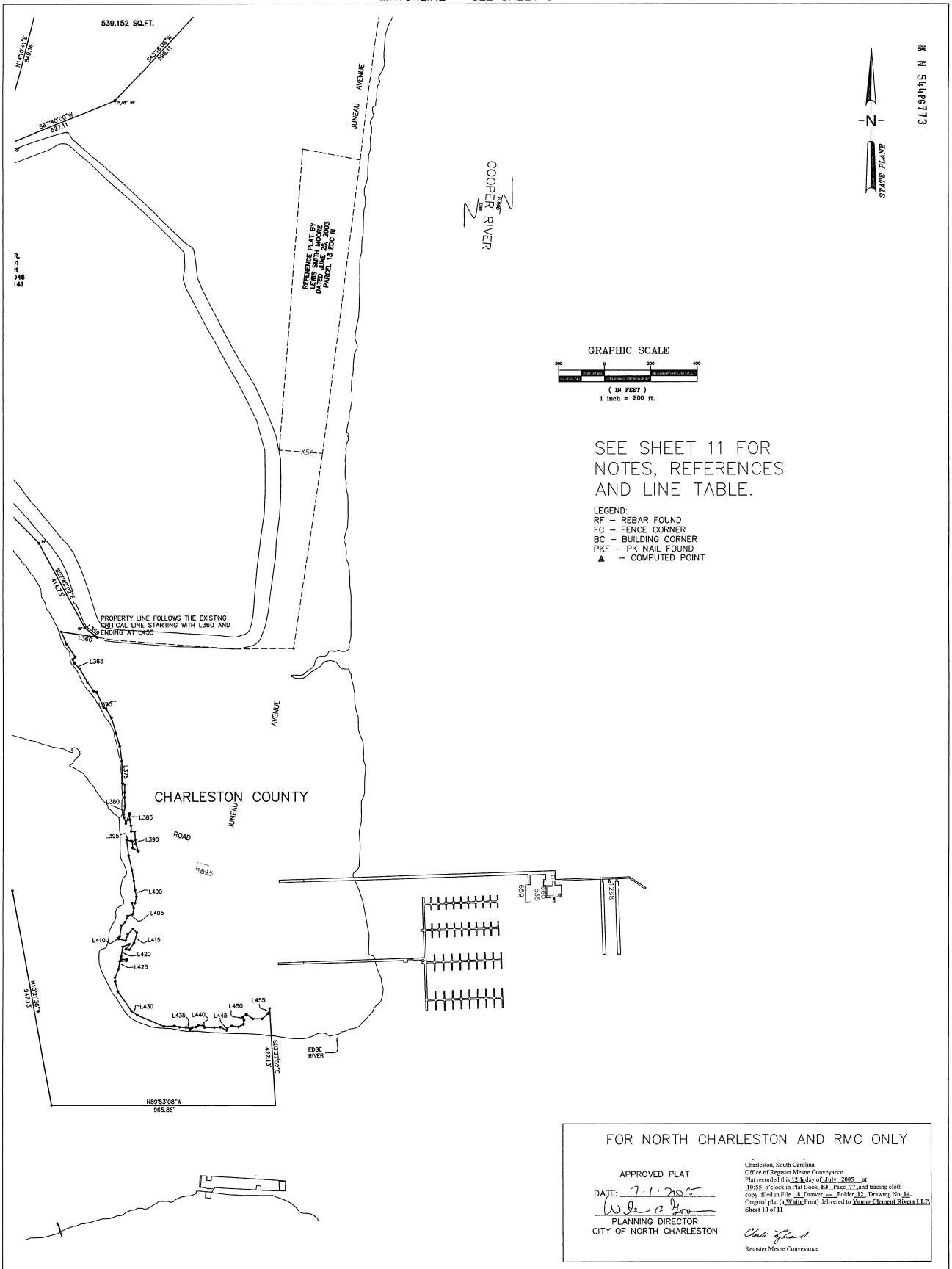


PARCEL NUMBER : 4000000105

PARCEL ID:	4000000105
STREET NUMBER:	0
STREET NAME:	NAVY BASE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	SPL
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PARCEL 12
LGL HI ACRES:	83.83
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	83.83
TAX DISTRICT:	43
JURISDICTION:	STE
PLAT BOOK:	EJ-68
OWNER ON 1ST:	SOUTH CAROLINA STATE
OWNER2 ON 1ST:	PORTS AUTHORITY

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	7/17/2007
DEED BOOK:	Y632-822
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	176
MAIL STREET NAME:	CONCORD ST
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29401-2642
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	8
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

MATCHLINE – SEE SHEET 8



MATCHLINE – SEE SHEET 9

FOR NORTH CHARLESTON AND RMC ONLY

APPROVED PLAT

DATE: 7.1.2005

PLANNING DIRECTOR
CITY OF NORTH CHARLESTON

Charleston, South Caroloina
Office of Register Mesne Conveyance
Plat recorded this 12th day of July, 2005 at
10:55 o'clock in Plat Book EJ Page 77 and tracing cloth
copy filed in File 8 Drawer — Folder 12 Drawing No. 14.
Original plat (a White Print) delivered to Young Clement Rivers LLP.
Sheet 10 of 11

Register Mesne Conveyance

FORSBERG ENGINEERING
AND SURVEYING, INC.
1587 SAVANNAH HIGHWAY SUITE B
P.O. BOX 30578
CHARLESTON, SOUTH CAROLINA 29417
(843) 571-2622 FAX (843) 571-6780
CIVIL ENGINEERING, SURVEYING
AND LAND PLANNING

SOUTH CAROLINA REGISTERED LAND SURVEYOR 21621 LEWIS SMITH MOORE

FORSBERG ENGINEERING & SURVEYING, INC. No. C00343 SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION

I HEREBY STATE THAT, TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS SURVEY, AS SPECIFIED THEREIN.

4/15/06

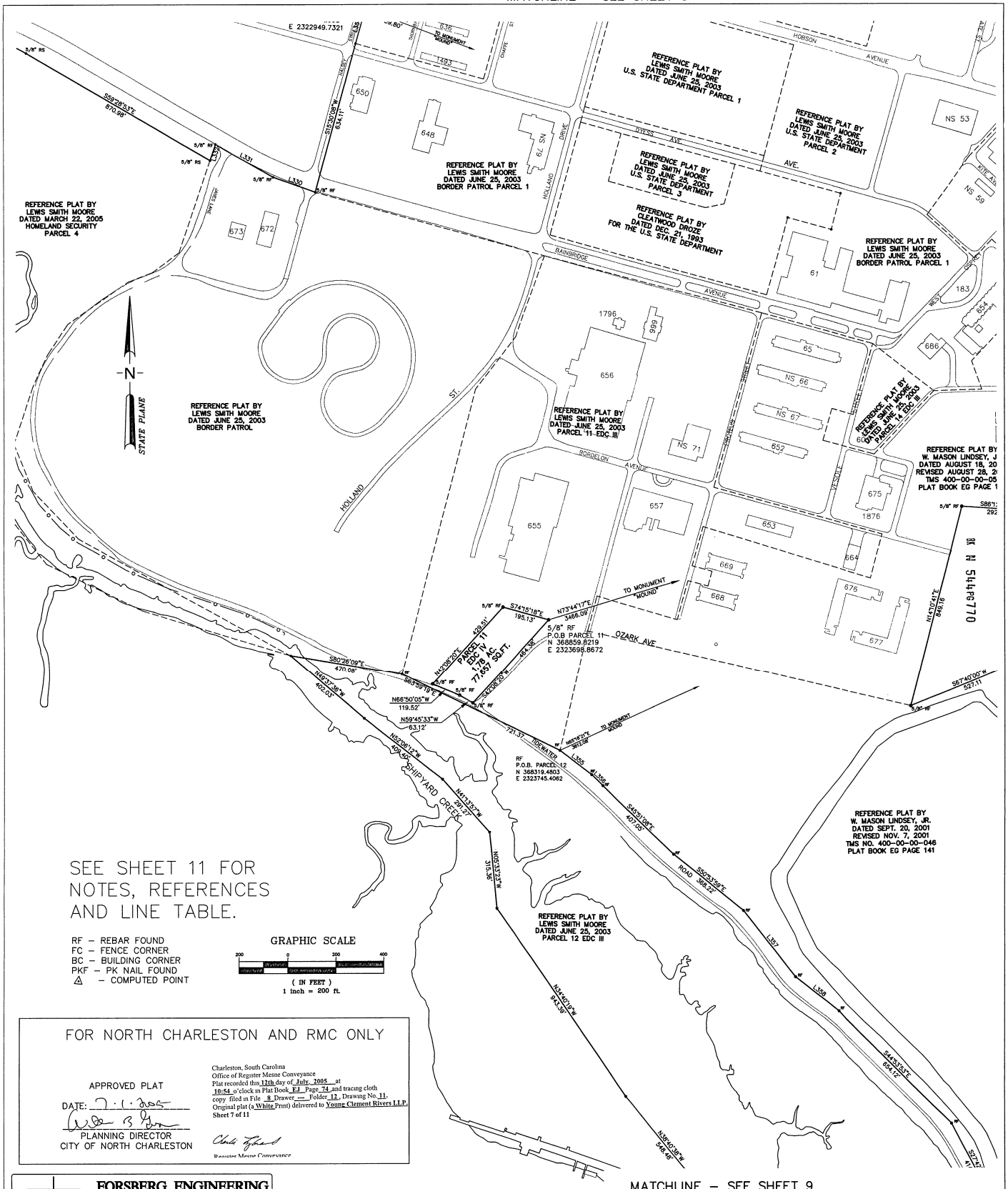
LEWIS SMITH MOORE, P.L.S. No. 21621

THESE DRAWINGS WERE ORIGINALLY DRAWN TO MEET THE SPECIFICATIONS OF NAVFAC. THEY ARE BEING RECORDED BY THE CHARLESTON REDEVELOPMENT AUTHORITY FOR NAVFAC. THEY MAY NOT MEET THE STANDARD REQUIREMENTS SET FORTH BY THE CITY OF NORTH CHARLESTON. THE ORIGINAL DRAWINGS WERE DRAWN ON A 30"x42" SHEET OF PAPER. THESE DRAWINGS WERE CUT IN ORDER TO MEET THE SIZE REQUIREMENT FOR RECORDING PLATS BY THE CHARLESTON COUNTY RMC OFFICE.

SHEET 10

DR.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
DRAWN BY: LEWIS S. MOORE	SOUTHERN DIVISION
CHECKED BY: DANIEL C. FORSBERG	CHARLESTON, S.C.
SUBMITTED: CADASTRAL SERVICES DATE	REAL ESTATE SUMMARY MAP
WILLIAM J HOLLING 4/15/05	CHARLESTON NAVAL BASE COMPLEX
SOUTHNAVFACENGCOM	EDC IV
CONCUR: DIRECTOR REAL ESTATE DIVISION DATE	NORTH CHARLESTON, SOUTH CAROLINA
ERNEST R. NELSON, JR.	
C.O.	
APPROVED: HEAD LAND MANAGEMENT DEPARTMENT DATE	SIZE F CODE IDENT. NO. 80091 NAVFAC DRAWING NO.
DALE C. JOHANNESMEYER	
EFD FOR COMMANDER,NAVFAC	SCALE: 1"=200' SHEET 10 OF 11

MATCHLINE – SEE SHEET 6



SEE SHEET 11 FOR NOTES, REFERENCES AND LINE TABLE.

RF – REBAR FOUND
FC – FENCE CORNER
BC – BUILDING CORNER
PKF – PK NAIL FOUND
△ – COMPUTED POINT

GRAPHIC SCALE

200 0 200 400

(IN FEET)
1 inch = 200 ft.

FOR NORTH CHARLESTON AND RMC ONLY

APPROVED PLAT
DATE: 7.1.2005

PLANNING DIRECTOR
CITY OF NORTH CHARLESTON

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 12th day of July, 2005 at 10:54 o'clock in Plat Book EJ Page 74 and tracing cloth copy filed in File 8 Drawer — Folder 12, Drawing No. 11. Original plat (a White Print) delivered to Young Clement Rivers LLP. Sheet 7 of 11

Register Mesne Conveyance

MATCHLINE – SEE SHEET 9

MATCHLINE – SEE SHEET 8

FORSBERG ENGINEERING AND SURVEYING, INC.
1587 SAVANNAH HIGHWAY SUITE B
P.O. BOX 30578
CHARLESTON, SOUTH CAROLINA 29417
(843) 571-2622 FAX (843) 571-6780
CIVIL ENGINEERING, SURVEYING AND LAND PLANNING

SHEET 7

SOUTH CAROLINA REGISTERED LAND SURVEYOR 21621 LEWIS SMITH MOORE

SOUTH CAROLINA FORSBERG ENGINEERING & SURVEYING, INC. No. C00343 CERTIFICATE OF AUTHORIZATION

I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS A SURVEY AS SPECIFIED THEREIN.

4/15/05

LEWIS SMITH MOORE, P.L.S. No. 21621

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DR.	
DRAWN BY: LEWIS S. MOORE	
CHECKED BY: DANIEL C. FORSBERG	
SUBMITTED: CADASTRAL SERVICES WILLIAM J HOLLING	DATE 4/15/05
SOUTHNAVFACENGCOM	
CONCUR: DIRECTOR REAL ESTATE DIVISION ERNEST R. NELSON, JR.	DATE 4/15/05
C.O.	
APPROVED: HEAD LAND MANAGEMENT DEPARTMENT DALE C. JOHANNESMEYER	DATE 4/15/05
EFD FOR COMMANDER,NAVFAC	

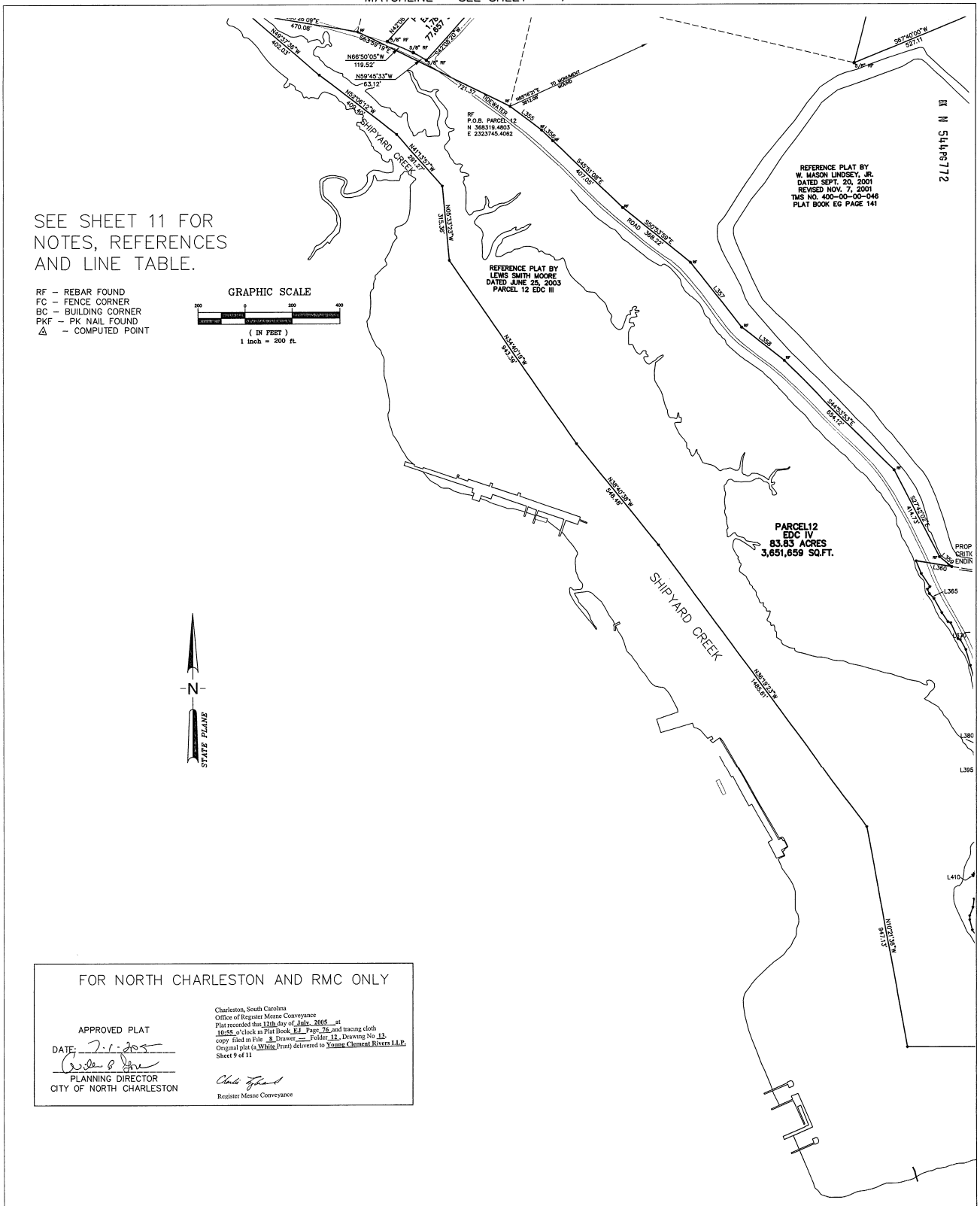
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.

REAL ESTATE SUMMARY MAP
CHARLESTON NAVAL BASE COMPLEX
EDC IV
NORTH CHARLESTON, SOUTH CAROLINA

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	

SCALE: 1"=200' SHEET 7 OF 11

MATCHLINE – SEE SHEET – 7



FOR NORTH CHARLESTON AND RMC ONLY

APPROVED PLAT

DATE: 7-1-2005

PLANNING DIRECTOR
CITY OF NORTH CHARLESTON

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 12th day of July, 2005 at 10:55 o'clock in Plat Book EJ Page 76 and tracing cloth copy filed in File 8 Drawer — Folder 12, Drawing No 13. Original plat (a White Print) delivered to Young Clement Rivers LLP. Sheet 9 of 11

Register Mesne Conveyance

SHEET 9

FORSBERG ENGINEERING AND SURVEYING, INC.
1587 SAVANNAH HIGHWAY SUITE B
P.O. BOX 30575
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I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS A SURVEY AS SPECIFIED THEREIN.

4/15/05

LEWIS SMITH MOORE, P.L.S. No. 21621

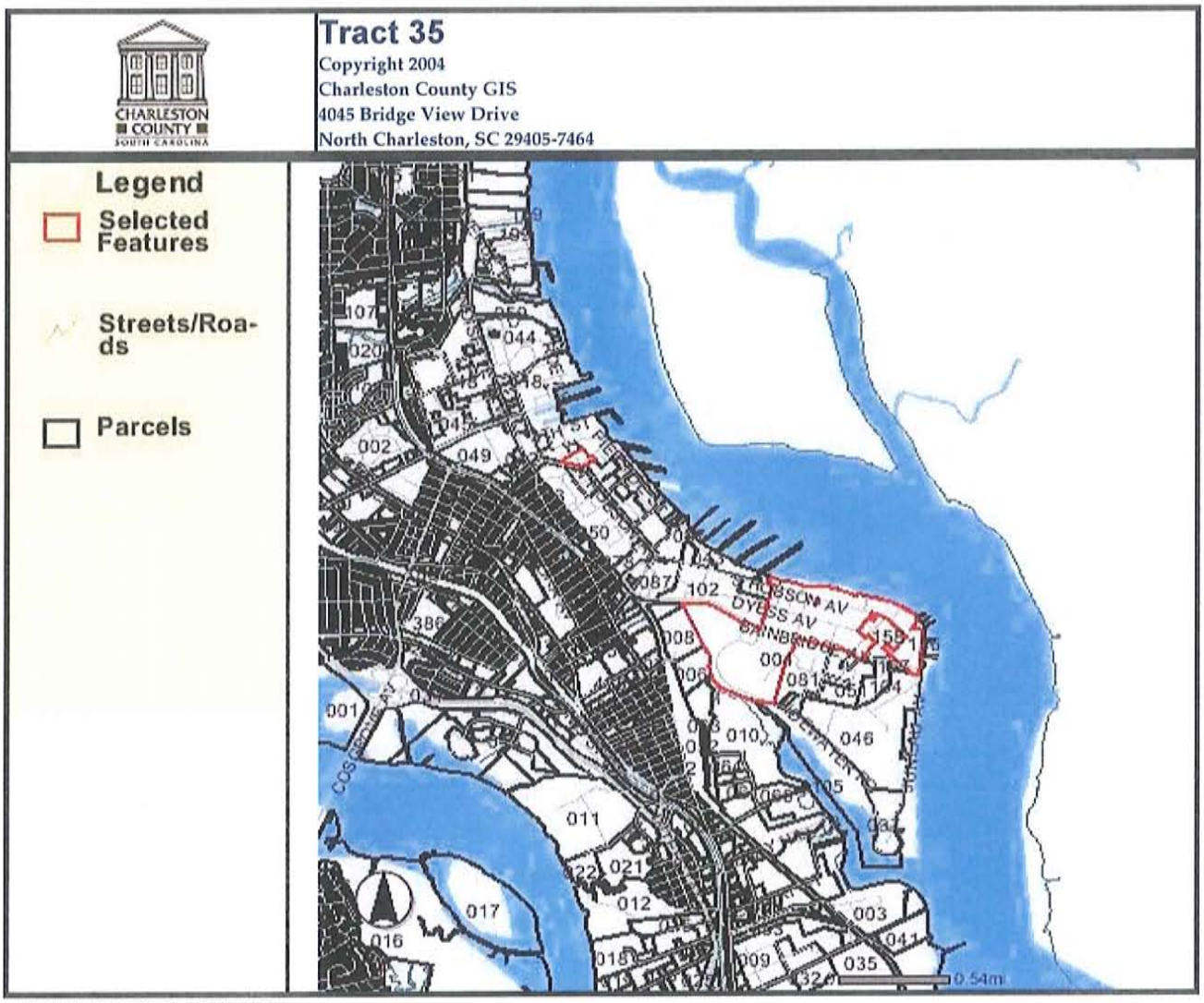
THESE DRAWINGS WERE ORIGINALLY DRAWN TO MEET THE SPECIFICATIONS OF NAVFAC. THEY ARE BEING RECORDED BY THE CHARLESTON REDEVELOPMENT AUTHORITY FOR NAVFAC. THEY MAY NOT MEET THE STANDARD REQUIREMENTS SET FORTH BY THE CITY OF NORTH CHARLESTON. THE ORIGINAL DRAWINGS WERE DRAWN ON A 30"x42" SHEET OF PAPER. THESE DRAWINGS WERE CUT IN ORDER TO MEET THE SIZE REQUIREMENT FOR RECORDING PLATS BY THE CHARLESTON COUNTY RMC OFFICE.

DR.	
DRAWN BY: LEWIS S. MOORE	
CHECKED BY: DANIEL C. FORSBERG	
SUBMITTED: CADASTRAL SERVICES WILLIAM J HOLLING DATE 4/15/05	
SOUTHNAVFACENGCOM	
CONCUR: DIRECTOR REAL ESTATE DIVISION ERNEST R. NELSON, JR. DATE	
C.O.	
APPROVED: HEAD LAND MANAGEMENT DEPARTMENT DALE C. JOHANNESMEYER DATE	
EFD FOR COMMANDER,NAVFAC	

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING COMMAND
SOUTHERN DIVISION
CHARLESTON, S.C.

REAL ESTATE SUMMARY MAP
CHARLESTON NAVAL BASE COMPLEX
EDC IV
NORTH CHARLESTON, SOUTH CAROLINA

SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	
SCALE: 1"=200'		SHEET 9 OF 11



PARCEL NUMBER : 4000000004

PARCEL ID:	4000000004
STREET NUMBER:	0
STREET NAME:	NAVY BASE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	W SIDE
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	US NAVAL BASE
LGL HI ACRES:	147.45
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	147.45
TAX DISTRICT:	43
JURISDICTION:	FED
PLAT BOOK:	NONE
OWNER ON 1ST:	UNITED STATES OF AMERICA
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 71902
MAIL UNIT:	
MAIL CITY:	NORTH CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29415-1902
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

AERIAL PHOTO NO. 9 429 **LOT** 164 **REAL PROPERTY RECORD** CHARLESTON COUNTY, S. C.

1. **T. M. No.** 400 — 0 — 0 **LOT** 4 **GEOGRAPHICAL AREA** CITY OF NORTH CHARLESTON **TAX DISTRICT NO.** 43

2. TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3. UNITED STATES OF AMERICA (9)		X23	245			P O Box 71902 N Chas 29415	X
4.							
5.							
6.							
7.							
8.							
9.							

10. **PROPERTY LOCATION** U. S. Naval Base — SUBDIVISION:

11. Lot — Block — Tract No. — Parcel No. — Other U. S. NAVAL BASE

12. **ACREAGE:** High Land 591.84 — Marsh Land — — Total Acres 591.84 — **ACREAGE TAKEN FROM:** DEED ( ), PLAT ( ), COMPUTATIONS ( ) X

13. **MEASUREMENTS:** Road Frontage X X X X X X X

14. PLATS RECORDED IN: * DC-430, DC-41, DC-433 thru 436, 451 thru 454 and 457 — **COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER** X

15.

16. YEAR ASSESSMENT FOR:	1972										
17. LAND ASSESSMENT $											
18. BUILDING ASSESSMENT $											
19. TOTAL ASSESSMENT $	*										X
20. NUMBER OF BUILDINGS											
21. TOTAL APPRAISED VALUE $											

COMPUTERIZED
CHECKED
3/20/81 dc

22. BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.					TMS BLOCK LOT
24.					
25.					"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #14--Mapped by surrounding properties. No plans available. City of North Charleston by plat AB-60.

LINE#3--Also deed N110-247 from Seaboard Coast Line Railfoad Company to United States government. 2-3-77 je

LINE# 12--Previously mapped as 1290.0 ac. high. Per Deeds X23-245, 247, 234 and F24-30, acreage changed to 1285.6 for 1981. jmw 3-16-81

LINE #3--Also see Deeds J185-422 & 429 and Civil Action Case #68-514 & 68-1018
UNITED STATES OF AMERICA (Plaintiff) v. 5.12 acres of land more or less in the counties of Berkeley and Charleston, The State of South Carolina and unknown owners also 37.25 ac. of land, more or less in the County of Charleston, State of S.C. and unknown owners. 8/8/89 pe

LINE #1-- Plats DB-823 and DB-840-845 Utility Easements. SP 3-2-00

LINE# 1--Prev. mapped as 1,285.60 ac. hi. By Plats DB-790 and ED-047 portion seperated see New PID# 400-00-00-0034 and 036 for 2000, new acreage for this card is 1,285.50 ac. hi. U.S. NAVAL BASE 5-13-00 lbs

LINE# 1--Plat DC-540 and DC-548 is for Utility. 3-2-001 lbs

LINE# 1--Prev. mapped as 1285,50 ac. hi. By Plat EE-716 thru EE-718, 23.47 ac. seperated see new PID# 400-00-00-037 for 2002, New ac. for this card is 1262.03 ac. 6-6-01 lbs

LINE# 3--See Quit Claim Deed W425-373 for easement. 12-03-02 lbs

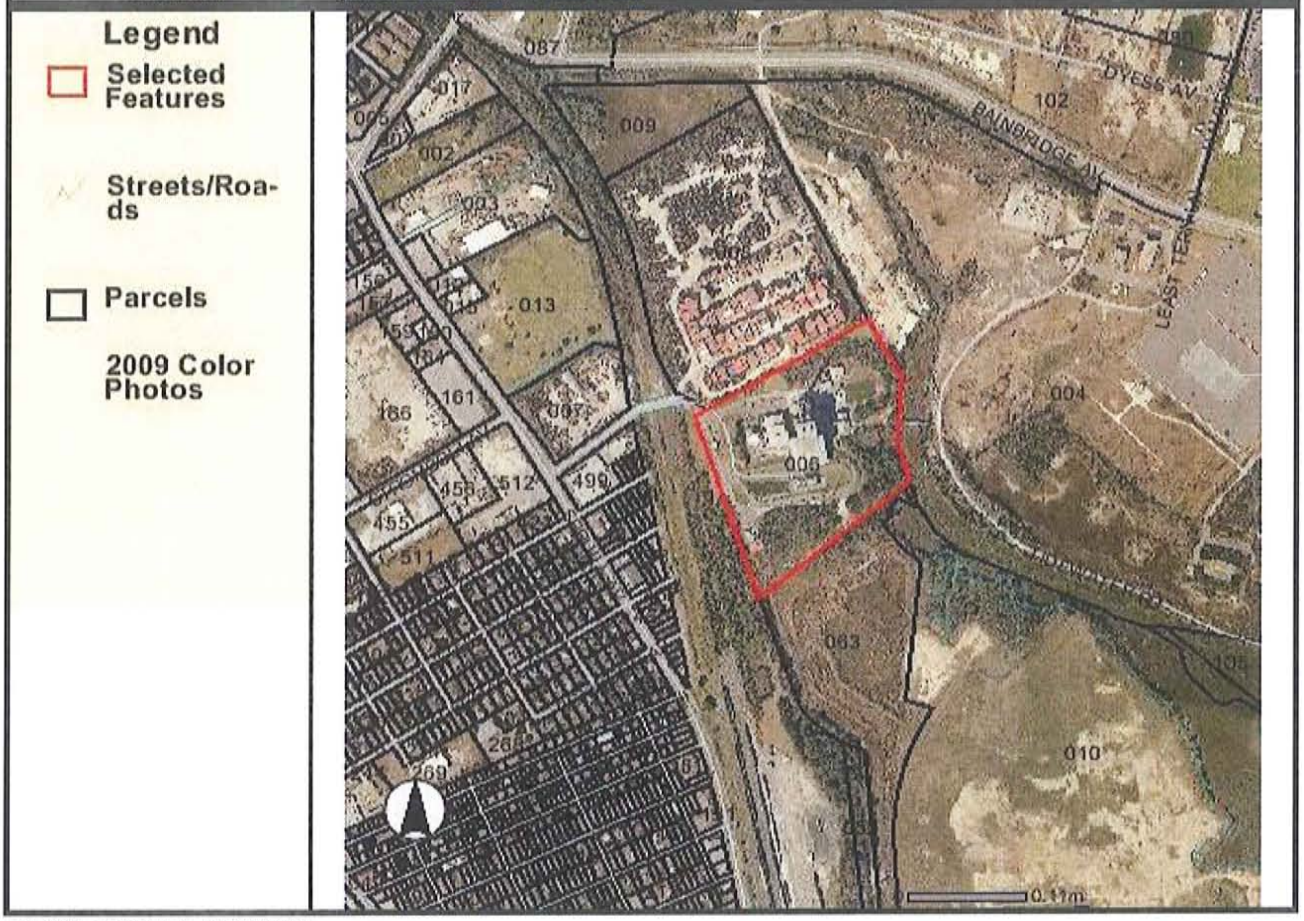
LINE #1-- Prev. mapped as 1262.00 by plat Ef-988 thru 990 for 2003. Portion separated for new PID # 400-00-00-040 thru 042 for 2003. New ac. is 786.40 ac hi 2-24-03 LRD

LINE# 1--Prev. mapped as 786.40 ac. hi. By Plat EG-137, EG-138, and EG-141, portion separated for New Parcels 400-00-00-043, 046 and 051 for 2003. New acreage for this card is 591.84 ac. hi. U.S. NAVAL BASE 4-14-03 lbs

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 37

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4690000006

PARCEL ID:	4690000006
STREET NUMBER:	0
STREET NAME:	SCLRR
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	E SIDE APPROX 650FT E MEETING ST
GENERAL USE:	MFM
MOBILE HOMES:	0
SUBDIVISION:	COOPER YARD
LEGAL DESCRIPTION:	TRACT B
LGL HI ACRES:	15.05
LGL MAR ACRES:	2.75
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	17.8
TAX DISTRICT:	43
JURISDICTION:	CNE
PLAT BOOK:	CA-90
OWNER ON 1ST:	COUNTY OF CHARLESTON THE
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	M169-791
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2
MAIL STREET NAME:	COURT HOUSE SQ
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29401-2204
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

AERIAL PHOTO NO. 9 ~~1882~~ ~~LOT 112~~ **REAL PROPERTY RECORD** CHARLESTON COUNTY, S. C.

T. M. No. 469 — 00 — 00 LOT 006 GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON TAX DISTRICT NO. 4-3

	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	SEABOARD AIR LINE R. R.	1946 v	W46	1				
4.	SEABOARD COAST LINE RAILROAD COMPANY (1)	*						
5.	COUNTY OF CHARLESTON, THE (7)	10-12-87	M169	791	160,200	26	2 Courthouse Sq. Chas. 29401	X
6.								X
7.								
8.								
9.								

10. PROPERTY LOCATION E side SCL RR, S of Mt Pleasant Rd

SUBDIVISION: COOPER YARD

11. Lot Block Tract No. B Parcel No Other

12. ACREAGE: High Land 15.05 Marsh Land 2.75 Total Acres 17.8 ACREAGE TAKEN FROM: DEED ( ), PLAT (✓), COMPUTATIONS (✓) X

13. MEASUREMENTS: Road Frontage 920.6 X 934.4 X 312.2 X 535.1 X 855.8 X X X

14. PLATS RECORDED IN: C-145, AF-14, M107-202, BP-115, N170-581, CA-90, L196-108 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15. TRC 12/31/68 ACCT# 0396700 COOPER YARD 35.23 Ac. X

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	6595				COMPUTERIZED					CHECKED	
18.	BUILDING ASSESSMENT $		COMPUTERIZED			OCT 24 1990					5-5-88 ae	
19.	TOTAL ASSESSMENT $	6595	MAY 3 1988			By						
20.	NUMBER OF BUILDINGS	0	By PAE									
21.	TOTAL APPRAISED VALUE $		5/27/88 PAE									

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE#4 Formerly Carolina Atlantic and Western Railway - merged L23-682 1915. Now Seaboard Coast Line Railroad Company.

LINE#15 This particular remaining acreage is the combination of deeds: P31-319, L32-214, W46-1 and after sales to Pittsburg Metallurgical Company - Z51-565 and US A B87-24. In 1936 listed 96.63 Ac. 31.50 Ac. Windsor lots and Streets. 1937 changed to COOPER YARD 117 Ac. obviously when they added 96.63 plus 31.50 it should have been 128.13 Ac. but they called it 117 Ac. No explanation as to why the difference. After allowing for daily use we compute remaining land to be 36.4 ac High and 10.6 Ac. marsh. (Beth Cole 5-71)

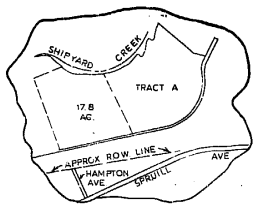
LINE #12--Previously mapped as 36.4 ac.H. & 10.6 ac.M, High and Marsh., Cooper Yard. Subdivided into Tract A and B per plat AF-14 for 1977. See 469=-=-=8/ jk, 3-8-77.

LINE #12--Per re-survey plat BP-115, the acreage is changed from 17.8 ac. high to 15.05 ac. high, 2.75 ac. marsh = total 17.8 ac., and the measurements are changed from 920.2 x 934.9 x 312.2 x 535.5 x 855.8 to 920.6 x 934.4 x 312.2 x 535.1 x 855.8 for 1988. 4-21-88 sb

LINE #5--Jurisdiction changed from 1 to 7 per deed M169-791 for 1988. Also see Q/C deeds M169-802 and P169-451, from CSX Transportation, Inc. to The County of Charleston, for all right, title and interest in the 1.03 ac. marsh. 4-21-88 sb

LINE #1--Annexed into the City of North Charleston 4-3 from North Charleston 4-1 by Ratif. #1987-125 Sec. #24-D dated 12-30-87 for 1988/ bt 5-26-88

BOOK Y 197 PAGE 202



INSET 1" = 800'

TRACT "A"

NOTE: TRACT "A" IS BEING ADDED TO TRACT "B" AND IS NOT A SEPARATE BUILDING LOT.

SHIPYARD CREEK

TRACT B
AIR REDUCTION, INC.
98 ± ACRES

SCALE 1" = 400'

U.S. GOVERNMENT

SHIPYARD CREEK

EDGE OF CREEK THE LINE

S 30°00' 09" W 613.32

S 08° 39' 08" W 184.49

TRACT "A"
25.00 ACRES (WITHIN TRAVERSE & TO EDGE OF SHIPYARD CREEK)
01.50 ACRES (FROM 5' MSL LINE TO EDGE OF SHIPYARD CREEK.)

TRACT "B"
17.8 ACRES

5' MSL LINE APPROX

POND

WALTER SOLOMON

RAILROAD R/W

COOPER YARD

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 29th day of August, 1975, at 4:11 o'clock in Plat Book A7 Page 27, and tracing cloth copy filed in File 1, Drawer —, Folder 57, Drawing No 1 of 35, Certified plat (Print) delivered to Davis & Floyd

Walter H. Buxton
Register Mesne Conveyance

PURPOSE OF THIS PLAT IS TO NOTE THE CHANGE IN ACREAGE OF TRACT "A"

LEGEND
- PROPERTY LINE
- IRON PIN
- CONCRETE MONUMENT
- TRAVERSE LINE

PLAT

SHOWING PROPERTY OF
SEABOARD COAST LINE RAILROAD CO
ABOUT TO BE CONVEYED TO
TRACT 'A'
AIR REDUCTION, INC.

LOCATED
CHARLESTON CO., S.C.
SCALE 1" = 100' AUGUST 1975
DAVIS & FLOYD ENGINEERS, INC.
CHARLESTON, S.C.

I, ROBERT HEATLEY JR., A REGISTERED SURVEYOR OF THE STATE OF S.C. DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON AND THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THE PROPERTY AND THAT ALL PROPERTY MARKERS HAVE BEEN INSTALLED AS REQUIRED BY S.C. STATE LAW.

Robert Heatley Jr.
S.C. REG. NO. 3973

#1850

BK L 196 PG 108

PLAT SHOWING
CHARLESTON COUNTY INCINERATOR SITE
PROPERTY OF
THE COUNTY OF CHARLESTON
LOCATED
CITY OF NORTH CHARLESTON
CHARLESTON COUNTY, S.C.

SCALE 1 = 60 OCTOBER 20 1989

60' 0 60' 120'

PROPERTY OF
CAROLINA SHIPPING
COMPANY
D B H126-083
TMS 466-04-00-008

PROPERTY OF
SEABOARD COASTLINE
RAILROAD

PROPERTY OF
THE COUNTY OF CHARLESTON
TMS 469-00-00-06
17 8 ACRES

PROPERTY OF
MACALLOY CORPORATION
TMS 466-00-00-10

SHIPYARD CREEK ROAD (60' R/W) (PUBLIC ROAD)

R/W VARIES SPRUILL AVE (S-10-32)

C/L HAMPTON AVE. 40' R/W (S-10-1027)

U S GOVERNMENT (NAVAL BASE) (TAX EXEMPT)

SHIPYARD CREEK

Charleston South Carolina
Office of Register Mesne Conveyance
Plat recorded this 1st day of Sept 19 90
1:43 o'clock in Plat Book C-A Page 70 and tracing cloth copy filed in File 5 Drawer — Folder 540 Drawing No. — Original plat (white print) delivered to David + Floyd
Robert M King
Register Mesne Conveyance

SHIPYARD CREEK ROAD WAS ACCEPTED AS A PUBLIC ROAD BY THE CITY OF NORTH CHARLESTON AT THE CITY COUNCIL MEETING NOV 21, 1989 AND RECORDED NOV 27, 1989

SEWER AND WATER MAIN EASEMENTS RECORDED BK F 178 - PG 709-718 DATED JULY 18, 1988

WATER AND SEWER PIPE LINE CROSSING AGREEMENT DATED MAY 9, 1988 EXHIBIT A BK F 178-PG 718

UTILITY EASEMENT (SEE INSET) RECORDED 1-26-89 BK W 186-754

PRIVATE ROAD CROSSING RECORDED T 170 PG 428

APPROX LOCATION OF BURIED TELEPHONE LINE (10 EASEMENT) RECORDED FEB 19 1985, BK 143 - PG 895

APPROVED PLAT
Exempt from Section 18-22(a) and 18-23(a) of Subdivision Regulations
DATE 9-6-90
ATTEST Planning Director
City of North Charleston

NOTE: THIS PLAT ONLY SHOWS EASEMENTS WHICH ARE OBVIOUS OR APPARENT TO THE SURVEYOR

NOTE. THE PROPERTY SHOWN IS LOCATED IN FLOOD ZONE A7 (EL 12 MSL) B C AS PER FLOOD INSURANCE RATE MAP COMMUNITY — PANEL #45413 0232 F & #455413 0234 F MAP REVISED APRIL 17 1987
FLOOD ZONE LOCATIONS TAKEN FROM PLAT REFERENCE

REFERENCE PLATS BY

1 ALBERT HEATLEY Jr — MARCH 19 1987 RECORDED BP 115, 11-19-87
2 DAVIS & FLOYD INC - AUGUST 1975
3 SIGMA ENGINEERS INC - JULY 22 1981
4 SIGMA ENGINEERS INC - APRIL 27, 1981
5 DAVID W SPELL — JAN 26 1989 DEED BOOK W186-758

SC COASTAL COUNCIL CRITICAL LINE
US ARMY CORPS OF ENGINEERS 404 WETLANDS
PROPERTY LINE W/IRON PIN SET
PROPERTY LINE W/ IRON PIN FOUND
PROPERTY LINE W/ CONCRETE MONUMENT FOUND
PROPERTY LINE
ADJACENT PROPERTY LINE
RIGHT OF WAY
EASEMENT LINE
CENTER LINE
FENCE LINE
WETLANDS
TRAVERSE POINT
DRAINAGE PIPE W/ CATCH BASIN AND DROP INLET
GUARD RAIL
OLP LIGHT POLE
FH FIRHYDRANT
STL STOP LIGHT
BUILDING
CONCRETE
ASPHALT
WV WATER VALVE
STONE

I, ALBERT HEATLEY JR A REGISTERED SURVEYOR OF THE STATE OF SOUTH CAROLINA, DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON AND THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THIS PROPERTY AND ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THE PRECISION IS 1/10,000. THE AREA WAS DETERMINED BY THE COORDINATE METHOD.

Albert Heatley
S.C.R.L.S. No. 3973-B

SOUTH CAROLINA REGISTERED LAND SURVEYOR 3973 B ALBERT T HEATLEY JR

INSET SCALE NTS

LOCATION MAP

FLOOD ZONE "A-7"
FLOOD ZONE "B"
FLOOD ZONE "C"
FLOOD ZONE "A-7"

WETLANDS

COASTAL COUNCIL CRITICAL LINE

NEW 20 PIPE BRIDGE EASEMENT DATED NOV 1989, RECORDED NOV 22 1989

80 PIPE BRIDGE EASEMENT DATED DEC 7, 1987 BETWEEN THE STATE OF SOUTH CAROLINA BUDGET AND CONTROL BOARD AND FOSTER WHEELER CHARLESTON RESOURCE RECOVERY, INC TERMINATION OF EASEMENT DATED NOV 21, 1989 AND RECORDED NOV 22, 1989

50' SCPSC EASEMENT RECORDED APRIL 7 1989 BK K183 664

115 KV SUBSTATION

EDGE OF CREEK PROPERTY LINE

DAVIS & FLOYD, INC
POST OFFICE BOX 11024
CHARLESTON S C
PHONE (803) 554-8602

8/10/90 DRAW FLOOD ZONES (C J H)
7/18/89 REVISED (L C V)

ACAD# 8248 FIELD BOOKS 1268 & 1716 JOB #8248.1

L Vander Leith Bk 1716, 268 1739

BP 115

PARCEL #	PROPERTY OWNER	AREA
PARCEL 1	PROPERTY OF CITY COUNCIL OF CHARLESTON	(AREA 3,852 Sq Ft)
PARCEL 2	PROPERTY OF SEABOARD COASTLINE RAILROAD	(AREA 10,748 Sq Ft)
PARCEL 3	PROPERTY OF CAROLINA SHIPPING COMPANY	(AREA 5,992 Sq Ft)

"THE AREA SHOWN ON THIS PLAT IS A GENERAL REPRESENTATION OF COASTAL COUNCIL PERMIT AUTHORITY ON THE SUBJECT PROPERTY. CRITICAL AREAS BY THEIR NATURE, ARE DYNAMIC AND SUBJECT TO CHANGE OVER TIME. BY GENERALLY DELINEATING THE PERMIT AUTHORITY OF THE COASTAL COUNCIL THE COASTAL COUNCIL IN NO WAY WAIVES THE RIGHT TO ASSERT PERMIT JURISDICTION IN ANY CRITICAL AREA ON THE SUBJECT PROPERTY WHETHER SHOWN OR NOT"

11-10-87

PROPERTY OF
CAROLINA SHIPPING COMPANY
D.B. J125-350
T.M.S. 466-04-00-013

PROPERTY OF
CAROLINA SHIPPING COMPANY
D.B. H126-083
T.M.S. 466-04-00-008
RESIDUAL 2.56± ACRES

N65°23'42"W 1.47'
S 79° 26' 09" W
N 65°23'42" W
60'

CITY OF NORTH CHAS. LIMITS
CHARLESTON COUNTY LIMITS
N 61-59-15 E 934.44 (A-B)

SEABOARD SYSTEM RAILROAD

CITY COUNCIL OF CHARLESTON

PARCEL 1
PARCEL 2
PARCEL 3
AREA BY ENCROACHMENT

60' R/W

TMS 466-04-00-014
SHIPYARD CREEK ROAD

PROPERTY OF
ATLANTIC TOBACCO COMPANY OF SOUTH CAROLINA

COOPER YARD

CA. SPRUILL AVE. (S-10-32)

CA. HAMPTON AVE. 60' R/W (S-10-1007)

WE HEREBY DEDICATE PARCELS 1,3 & 4 AS A ROAD RIGHT-OF-WAY TO THE PUBLIC FOREVER

I, ALBERT HEATLEY JR. A REGISTERED SURVEYOR OF THE STATE OF SOUTH CAROLINA, DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON AND THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THIS PROPERTY AND ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THE PRECISION IS 1/10,000. THE AREA WAS DETERMINED BY THE COORDINATE METHOD.

Albert Heatley Jr.
S.C.R.L.S NO. 3976

SOUTH CAROLINA ALBERT HEATLEY JR.

Evelyn K. Brabham
David H. Frank
NOV. 17, 1987
#12540

TRACT B
PROPERTY OF
SEABOARD SYSTEM RAILROADS
T.M.S. 469-00-00-008
17.8 ACRES TOTAL
-1.03 ACRES MARSH
-1.72 ACRES (404 WETLANDS)
15.05 ACRES (HIGHLAND)

TRACT A
PROPERTY OF
SEABOARD SYSTEM RAILROADS

U.S. ARMY CORPS OF ENGINEERS (404 WETLANDS) 76 AC.

U.S. ARMY CORPS OF ENGINEERS (404 WETLANDS) .96 AC.

U.S. GOVERNMENT
(NAVAL BASE)

S25-56-37E 324.0'

S 11-02-08 E 269.62'

S. SHIPYARD CREEK

EDGE OF CREEK, PROPERTY LINE

SOUTH CAROLINA COASTAL COUNCIL CRITICAL LINE

SEE BLOW-UP

CHARLESTON COUNTY LIMITS
S 53-45-55W 855.76

CITY OF NORTH CHARLESTON LIMITS

N 53°20'36"E 19.77'
S 28°59'26"E 4.58'
S 32°18'43"E 11.93'
PROPERTY LINE
BLOW-UP
N.T.S.

N 18-04-42W 920.55

LOCATION MAP

NOTE:
PARCEL 1 CONVEYED TO CHARLESTON COUNTY BY DEED BK B-170, P 239

PARCEL 3 AND 4 CONVEYED TO CHARLESTON COUNTY BY DEED BK B-170, P 231

NOTE:
WETLANDS & S.C. COASTAL CRITICAL LINES TAKEN FROM PLAT BY DANIEL C. FORSBERG DATED 7/15/86.

LEGEND
- PROPERTY LINE W/ IRON PIN SET
- PROPERTY LINE W/ IRON PIN FOUND
- TRAVERSE POINT
- PROPERTY LINE
- CITY LIMITS LINE
- ADJACENT PROPERTY LINE
- S.C. COASTAL COUNCIL CRITICAL LINE
- U.S. ARMY CORPS OF ENGINEERS 404 WETLANDS

NOTE
PARCEL 1 BEING SUBDIVIDED FROM PROPERTY OWNED BY CITY COUNCIL OF CHARLESTON. PARCEL 3 BEING SUBDIVIDED FROM PROPERTY OWNED BY CAROLINA SHIPPING COMPANY.

REFERENCE PLATS BY:
1. DAVIS & FLOYD, INC. - AUGUST 19/5
2. SIGMA ENGINEERS, INC. - JULY 22, 1981
3. SIGMA ENGINEERS, INC. - APR. 21, 1981

AREA IS LOCATED IN FLOOD ZONES A7 (EL. 12'). AND C AS PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBERS 455413 0232F 455413 0234F MAP REVISED: APRIL 17, 1987

PLAT
SHOWING
TRACT B
PROPERTY OF
SEABOARD SYSTEM RAILROADS
ABOUT TO BE CONVEYED
THE COUNTY OF CHARLESTON
LOCATED
NORTH CHARLESTON P.S.D.
CHARLESTON COUNTY, S.C.
PARCEL 1
PROPERTY OF
CITY COUNCIL OF CHARLESTON
ACQUIRED BY
THE COUNTY OF CHARLESTON
PARCEL 2
PROPERTY OF
SEABOARD SYSTEM RAILROADS
ENCROACHMENT PERMIT TO BE OBTAINED BY
THE COUNTY OF CHARLESTON
PARCEL 3 & 4
PROPERTY OF
CAROLINA SHIPPING COMPANY
ACQUIRED BY
THE COUNTY OF CHARLESTON
LOCATED
CITY OF NORTH CHARLESTON
CHARLESTON COUNTY, S.C.

DAVIS & FLOYD, INC
POST OFFICE BOX 11024
CHARLESTON, S.C.
PHONE (803) 554-8602

SCALE 1"= 100'
MARCH 19, 1987
100 50 0 100 200 300

4 11/11/87 ADDED NOTES AND LABELED EDGE OF CREEK, PROPERTY LINE, REVISED TITLE BLOCK. (LCV.)

3 8-31-87 CHANGE TITLE, LABEL PARCEL 4

2 8/14/87 REVISE EASEMENT AND BLOW-UP

1 8/7/87 REVISED BEARING AND DISTANCES

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 38

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4045 Bridge View Drive
North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4660400008

PARCEL ID:	4660400008
STREET NUMBER:	0
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	OFF
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PT STROMBOLI TRACT
LGL HI ACRES:	25.51
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	25.51
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-31
OWNER ON 1ST:	CAROLINA MARITIME COMPANY
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	M126-083
WILL CODE:	S
WILL DATE:	
C O NAME:	MCKNIGHT FRAMPTON AND CO PA
MAIL STREET NUMBER:	100
MAIL STREET NAME:	CALHOUN ST STE 300
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29401-3542
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	1429000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 4 — 0	LOT 8	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON				TAX DISTRICT NO. 43	X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	SOLOMON, Walter H., as Trustee (1)							
4.	CAROLINA SHIPPING COMPANY	9-2-81	M126	83	127,500	3	9 MID-ATLANTIC WHARF, CHARLESTON SC 29401	X
5.								
6.								
7.								
8.								
9.								

10. PROPERTY LOCATION: Off Spruill Avenue — SUBDIVISION:

11. Lot — Block — Tract No. — Parcel No. — Other PART STROMBOLI TRACT

12. ACREAGE: High Land 25.51 — Marsh Land — Total Acres 25.51 — ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ✓ — X

13. MEASUREMENTS: Road Frontage X X X X X X X

14. PLATS RECORDED IN: F-31, AT-164, M126-83

15. COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

VERIFIED

CHECKED Jmw 4/3/80

COMPUTERIZED

COMPUTERIZED

MAY 3 1988

By [illegible]

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $										
18.	BUILDING ASSESSMENT $										
19.	TOTAL ASSESSMENT $	*									
20.	NUMBER OF BUILDINGS										X
21.	TOTAL APPRAISED VALUE $										

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $
23.					
24.					
25.					

1960-68 TAX MAP CODE

TMS 237 BLOCK 2 LOT 1

"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--Part of 40.87 ac assessed as L-2650, tot 2650. see 466-4-0-7.

LINE# 1--Tax District changed from 4-1(North Charleston) to 4-3(Coty of North Charleston) for 1980. Annexed to City of North Charleston Radification Section 13-K, 12-20-79. jmw 3-28-80

LINE# 12--Per Resurvey Plat AT-164, acreage changed from 23.5 (c) to 25.65 ac. high for 1982. jwc 12-16-81

LINE# 4--Deed M126-83 is for TMS#--466-4-0-8 and 14. jwc 12-16-81

LINE #4--Deed G143-503 R/W Easement bt 7-9-86 Deed G143-503 Carolina Shipping Company conveys easment to Seath Carolina Electric and Gas Co. for easemnt.

LINE #12--Prev. mapped as 25.65 ac. high, Pt. Stromboli Tract. Per plat BP-115 and deed B170-231 Parcels 3 & 4 from Carolina Shipping Company to the County of Charleston, 0.14 ac. high is subd. from this card and added to TMS# 466-04-00-014 (0.59 ac. high, Proposed Road) which is deleted and made into Shipyard Creek Road for 1988. Now legal for this card is 25.51 ac. high, Pt. Stromboli Tract. 4-21-88 sb
Also deed B170-239 for Parcel 1 from The City of Charleston to The County of Charleston. Parcels 1, 3 & 4 are included in the acreage for this card.

Tract 39

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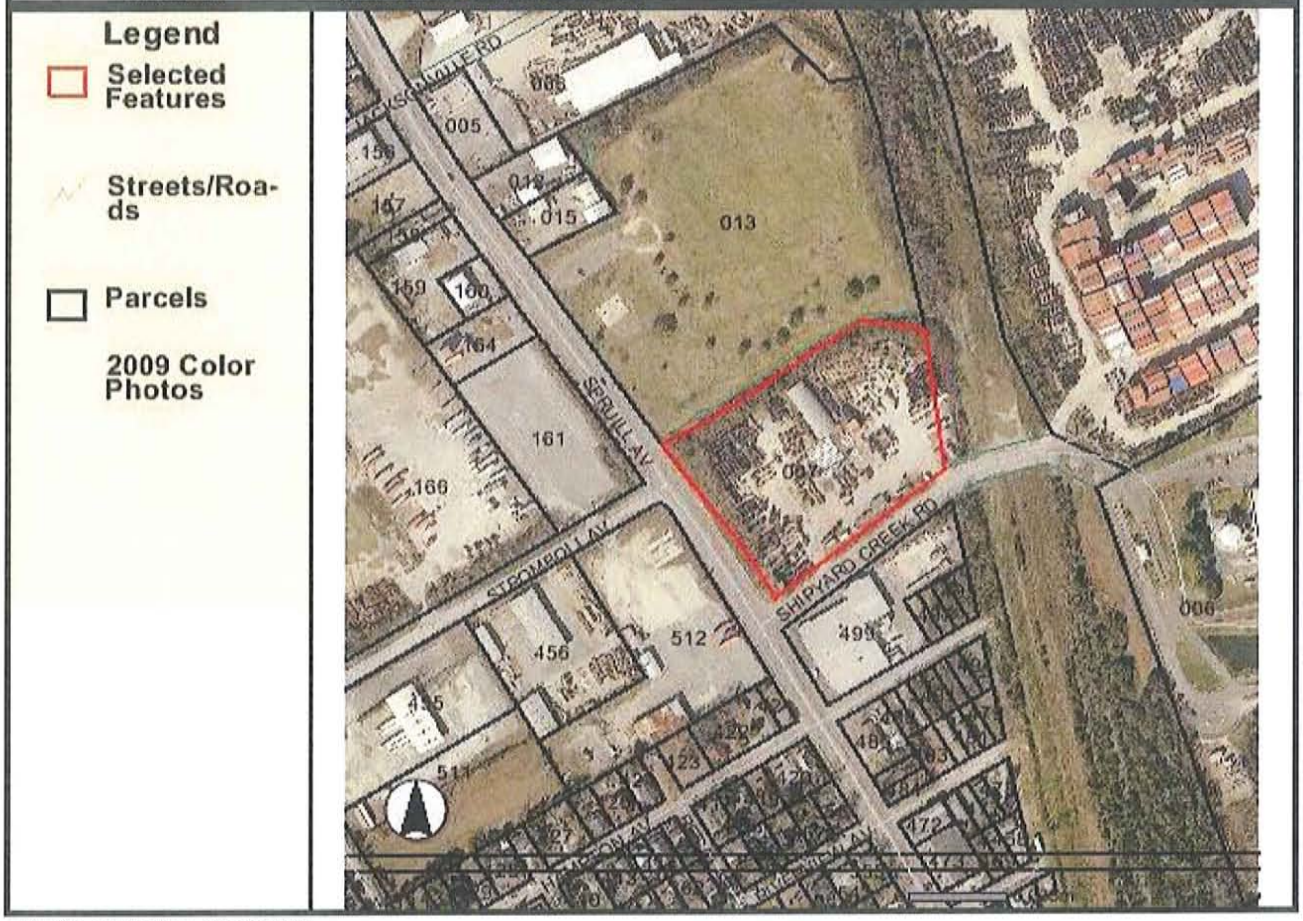

PARCEL NUMBER : 4660400007

PARCEL ID:	4660400007
STREET NUMBER:	2534
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	BETWEEN R R
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LOT LTRD ABCDEF PART STROMBOLI TRACT
LGL HI ACRES:	3.93
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	3.93
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-31
OWNER ON 1ST:	CAROLINA MARITIME COMPANY
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/8/1981
DEED BOOK:	J125-350
WILL CODE:	S
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	100
MAIL STREET NAME:	CALHOUN ST STE 300
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29401-3542
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	47000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	334000
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

T. M. No. 466 — 4 — 0 LOT 7 | GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON | TAX DISTRICT NO. 4-3

TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
SOLOMON, Walter H., as Trustee (O)	9-18-61v	M74	378			
CAROLINA SHIPPING COMPANY	5-12-81	J125	350	47,000	3	4 MID-ATLANTIC WHARF, CHARLESTON SC 29401

PROPERTY LOCATION: Spruill Avenue & Rail Road

Lot LTRD ABCDEF | Block | Tract No. | Parcel No. | SUBDIVISION: | Other PART STROMBOLI TRACT

ACREAGE: High Land 3.93 Marsh Land ——— Total Acres 3.93

MEASUREMENTS: Road Frontage 372.4 x 66.4 x 311.4 x 171.4 x 287.7 x 427.3 x x

ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (Δ) X

PLATS RECORDED IN: F-31, AS-151, J125-350

COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

7.81 ACRES HIGH 33.06 ACRES MARSH 40.87 ac

YEAR ASSESSMENT FOR:	1970												X
LAND ASSESSMENT $	2560												
BUILDING ASSESSMENT $													
TOTAL ASSESSMENT $	2650												
NUMBER OF BUILDINGS	0												X
TOTAL APPRAISED VALUE $													

COMPUTERIZED

CHECKED 4/3/80 8/13/80 2/9/81 PS

VERIFIED

BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $

1960-68 TAX MAP CODE

TMS 237 BLOCK 2 LOT 1

"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #15 & 19--0.95 ac separated because not contiguous. 10.6 ac separated see 23.5 ac split becaude of S. C.L. R.R see 466-4-0-8. 466-4-0-8 is included in this asmt.

LINE# 12-Previously mapped as 17.2 ac. High Part Stromboli Tract. 1125 x 670 x 162 x - 428. Per Plat U-138 and Deed Y120-35,0.92 ac. subd. into 466-4-0-12 for 1980. Now acreage is 16.28 ac. High. jmw 2-21-80

LINE# 1--Tax District changed from 4-1 (North Chas.)to 4-3(City of North Chas.) for 1980. Annexed to City of North Charleston, Radificatio Section 13-K, 12-20-79. jmw 3-28-80

LINE #12--Previously mapped as 16.28 acres, PART STROMBOLI TRACT per plat AP-109 9.36 acres subdivided for 1981, see TMS# 466-4-0-13. New acreage for this card is 5.1 acres, per mapping original acreage too high- 5.1 ac., is residual and was computed by B.S. 6/11/80 pe

LINE# 12--Previously mapped as 5.1 ac. high, Part Stromboli. Per Plat AS-151, part subd. into 466-4-0-14 for 1982. Now acreage is 3.93 ac. high and dimensions are 372.4 x 66.4 x 311.4 x 171.4 x 287.7 x 427.3, Part Stromboli Tract. jwc 12-16-81

Legal description (LOT LTRD ABCDEF) also added to property record card per plat AS-151 for 1982.

Tract 40

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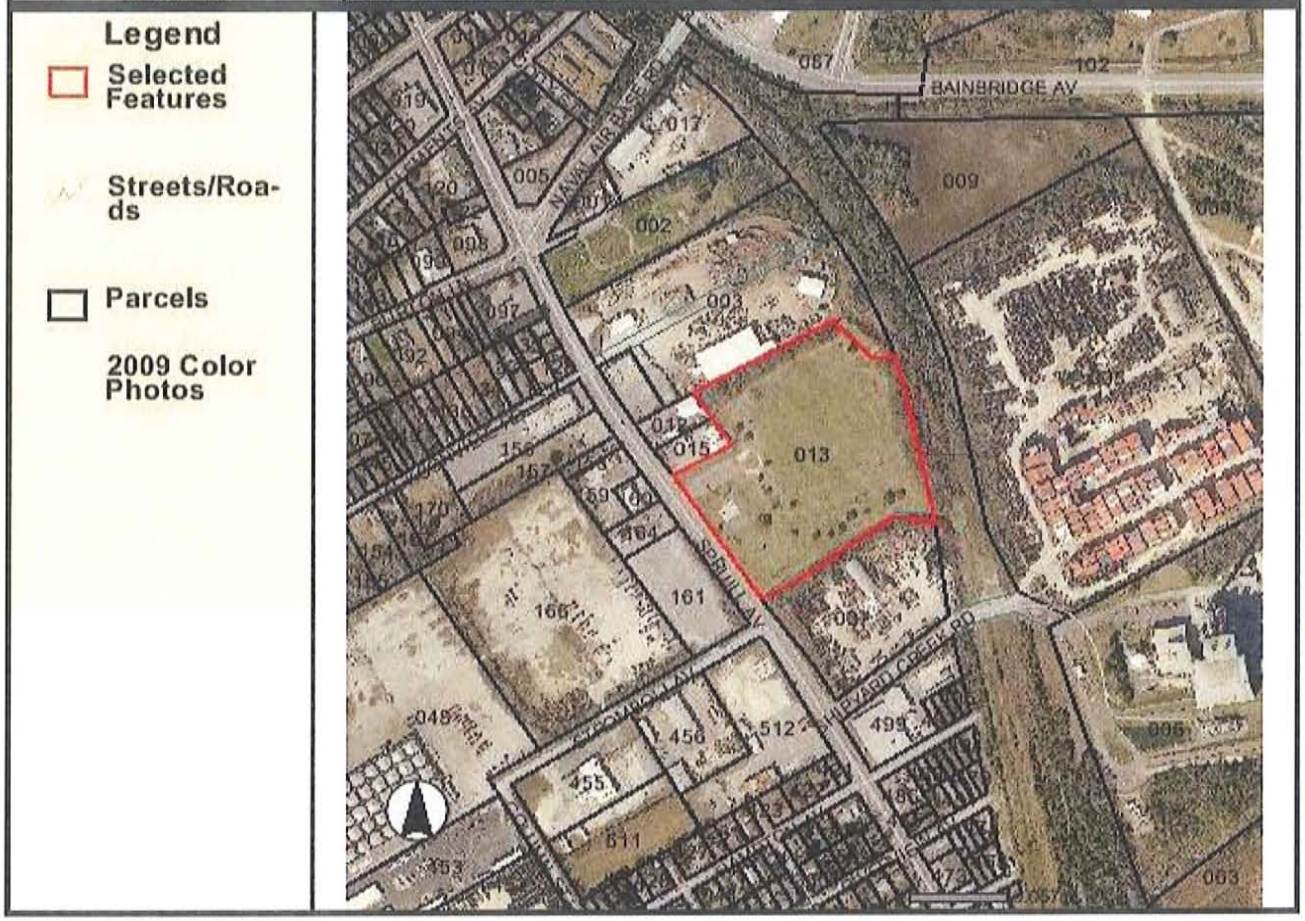

PARCEL NUMBER : 4660400013

PARCEL ID:	4660400013
STREET NUMBER:	0
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	PARK SOUTH RECREATION FACILITY
GENERAL USE:	SPL
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PART STROMBOLI TRACT
LGL HI ACRES:	9.09
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0.23
LGL TOTAL ACRES:	9.32
TAX DISTRICT:	43
JURISDICTION:	MUE
PLAT BOOK:	L090112
OWNER ON 1ST:	CITY OF NORTH CHARLESTON
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	G122-010
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 190016
MAIL UNIT:	
MAIL CITY:	NORTH CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29419-9016
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 4 — 0	LOT 13	GEOGRAPHICAL AREA	CITY OF NORTH CHARLESTON				TAX DISTRICT NO.	4-3
2.	TITLE OF OWNERSHIP		DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	SOLOMON, Walter G., as Trustee		9-18-61v	M74	378				
4.	CITY OF NORTH CHARLESTON	(6)	4-29-80	G122	10	84,240	3	P.O. Box 10100 N. Chas S.C. 29411	
5.									
6.									
7.									
8.									
9.									

10. PROPERTY LOCATION: Spruill Ave — SUBDIVISION:

11. Lot — Block — Tract No. — Parcel No. — Other PART STROMBOLI TRACT

12. ACREAGE: High Land 9.36 Marsh Land — Total Acres 9.36 — ACREAGE TAKEN FROM: DEED ( ), PLAT (✓), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 467 x 200 x 200 x 478 x 165 x 676 x 535.5 x 127.3 x 476

14. PLATS RECORDED IN: AP-109, B122-226 — COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15.

16.	YEAR ASSESSMENT FOR:	1980										
17.	LAND ASSESSMENT $					CHECKED 2/10/81 PE						
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	*				COMPUTERIZED						
20.	NUMBER OF BUILDINGS											
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE		
23.						TMS	BLOCK	LOT
24.								
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS		

LINE #1--Tax District changed from 4-1 (NORTH CHAS.) to 4-3 (CITY OF NORTH CHAS.) for 1980. Annexed to City of North Charleston, Radification Section 13-k, 12-20-79. jmw 3-38-80

LINE #19--Separated from 466-4-0-7 per plat AP-109 for 1981. Previously assessed in 16.28 ac., highland PART STROMBOLI TRACT. 5/11/80 pe

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 41

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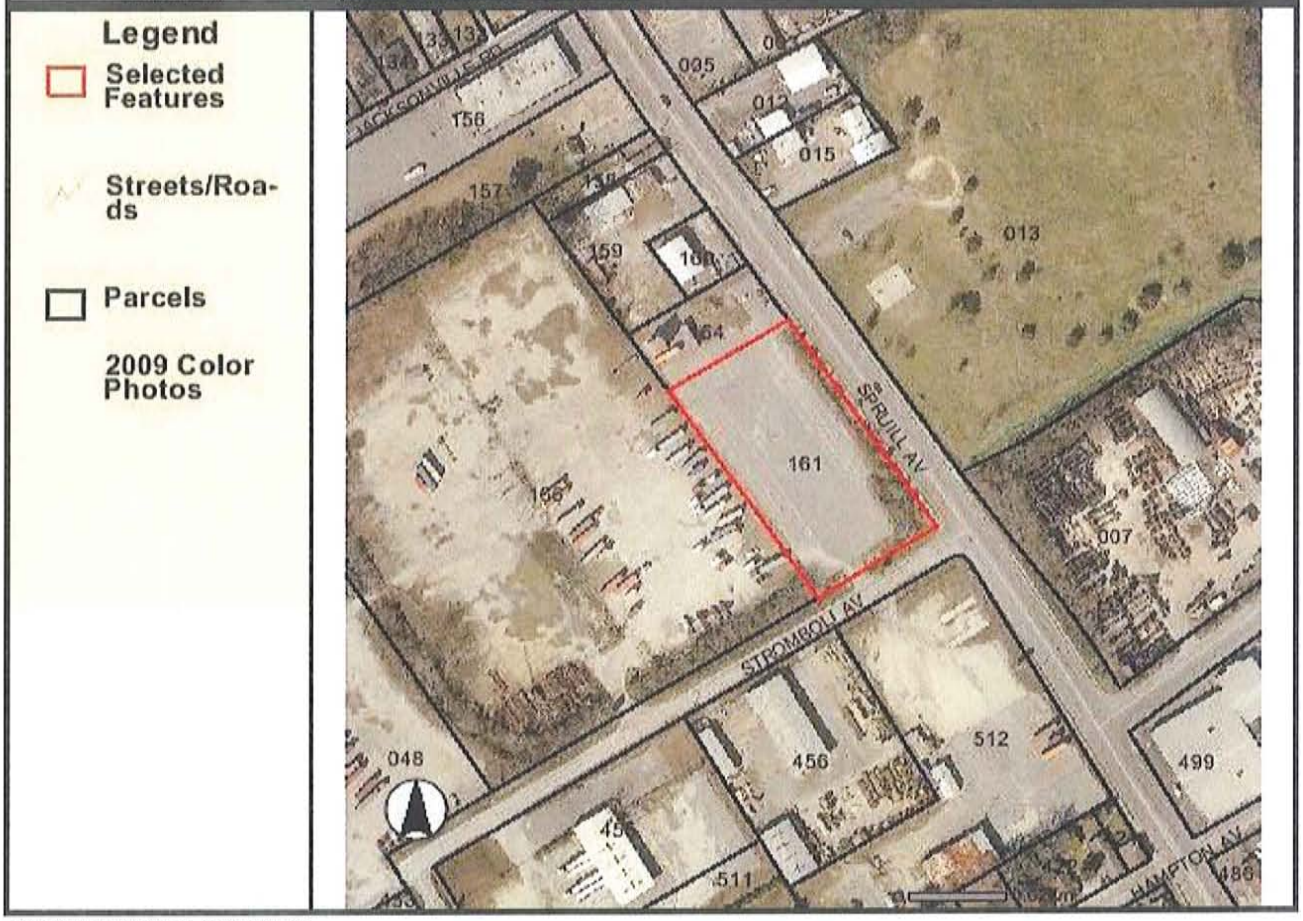

PARCEL NUMBER : 4660300161

PARCEL ID:	4660300161
STREET NUMBER:	0
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	COR STROMBOLI AVE
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	
LGL HI ACRES:	1.72
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	1.72
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-31
OWNER ON 1ST:	CROSS ATLANTIC LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	10/1/2002
DEED BOOK:	K420-661
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 70902
MAIL UNIT:	
MAIL CITY:	NORTH CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29415-0902
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	9
MULT LOT:	9
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	120000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 3 — 0	LOT 161	GEOGRAPHICAL AREA CITY OF NORTH CHRLESTON				TAX DISTRICT NO. 4-3	X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	SOLOMON, Walter H., as Trustee (1)	9-18-61	M74	378				
4.	SWYGERT COMPANY	4-26-85	V144	667	65,000	3	PO Box 308, Johns Isl. Sc 29455	
5.	SWYGERT, A. Ross	7-8-91	F204	159	65,350		2690 Dwyer + Blvd 29455	
6.	SWYGERT SHIPYARDS OF JOHNS ISLAND, INC.	7-8-91	F204	156	65,350		" " "	
7.	HARDEE SHEETMETAL, INC.	7-30-91	X204	142	65,350		" " "	
8.	RHODES, C. Anthony	5-9-97	V283	319	42,000		P.O Box 70902, Chas. 29415	
9.	CROSS ATLANTIC, LLC.	10-1-02	K420	661			P.O. Box 76902 Chas 29415.	

10.	PROPERTY LOCATION [illegible]		SUBDIVISION		
11.	Lot	Block	Tract No	Parcel No	Other
12.	ACREAGE: High Land 1.72	Marsh Land ———	Total Acres 1.72	ACREAGE TAKEN FROM: DEED ( ), PLAT (✓), COMPUTATIONS ( )	X
13.	MEASUREMENTS: Road Frontage 200 x 371.4 x 200 x 372.2 x	x	x	x	—
14.	PLATS RECORDED IN F-31, BD-178, V144-550			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓	
15.					

16.	YEAR ASSESSMENT FOR	1970									
17.	LAND ASSESSMENT $										
18.	BUILDING ASSESSMENT $										
19.	TOTAL ASSESSMENT $	*									X
20.	NUMBER OF BUILDINGS										
21.	TOTAL APPRAISED VALUE $										

VERIFIED
COMPUTERIZED 5.19.97 bld
CHECKED 3/13/80 dd 2/9/81 PE
COMPUTERIZED 4/3/80 AUG 26 1991 BY: P.A.E.
COMPUTERIZED MAY 27 1986 BY [illegible] 7/29/97 PAE

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237 BLOCK 2 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--This lot is part of 40.87 ac asessed as L-2650, no bldg.

LINE# 12--Previously mapped as 7.8 ac. High and 2.8 ac. Marsh = total of 10.60 ac. High and Marsh. Per Plat AO-62 and Deed R120-49 subd. 0.46 ac. into 466-3-0-164 for 1980. Prev. carried acreage incorrectly as 7.8 ac. High and 2.8 ac. Marsh.. There is no Marsh. 2.8 ac. Marsh added to highland for 1980. jmw 2-21-80

LINE# 3--Previously carried name incorrectly as Soloman, Should be Solomon. Corrected for 1980. jmw 2-21-80

LINE# 1--Tax District changed from 4-1 (North Chas.) to 4-3 (City of North Chas.) for 1980. Annexed to City of North Chas. Radification, Section 13-N, 12-27-79. jmw 3-28-80

LINE #12--Previously mapped as 10.14 ac., highland per plat AO-26, 8.417 ac., subdivided for 1981, see TMS# 466-3-0-166 New acreage for this card is 1 71 ac , highland, measurement also added for 1981. 6/11/80 pe

LINE# 12--Per resurvey Plat BD-178, acreage changed from 1.71 ac. High to 1.72 ac. high and measurements changed from 204 x 371 x 200 x 375 to 200 x 371.4 x 200 x 272.2 for 1986. jwc 5-27-86

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 42

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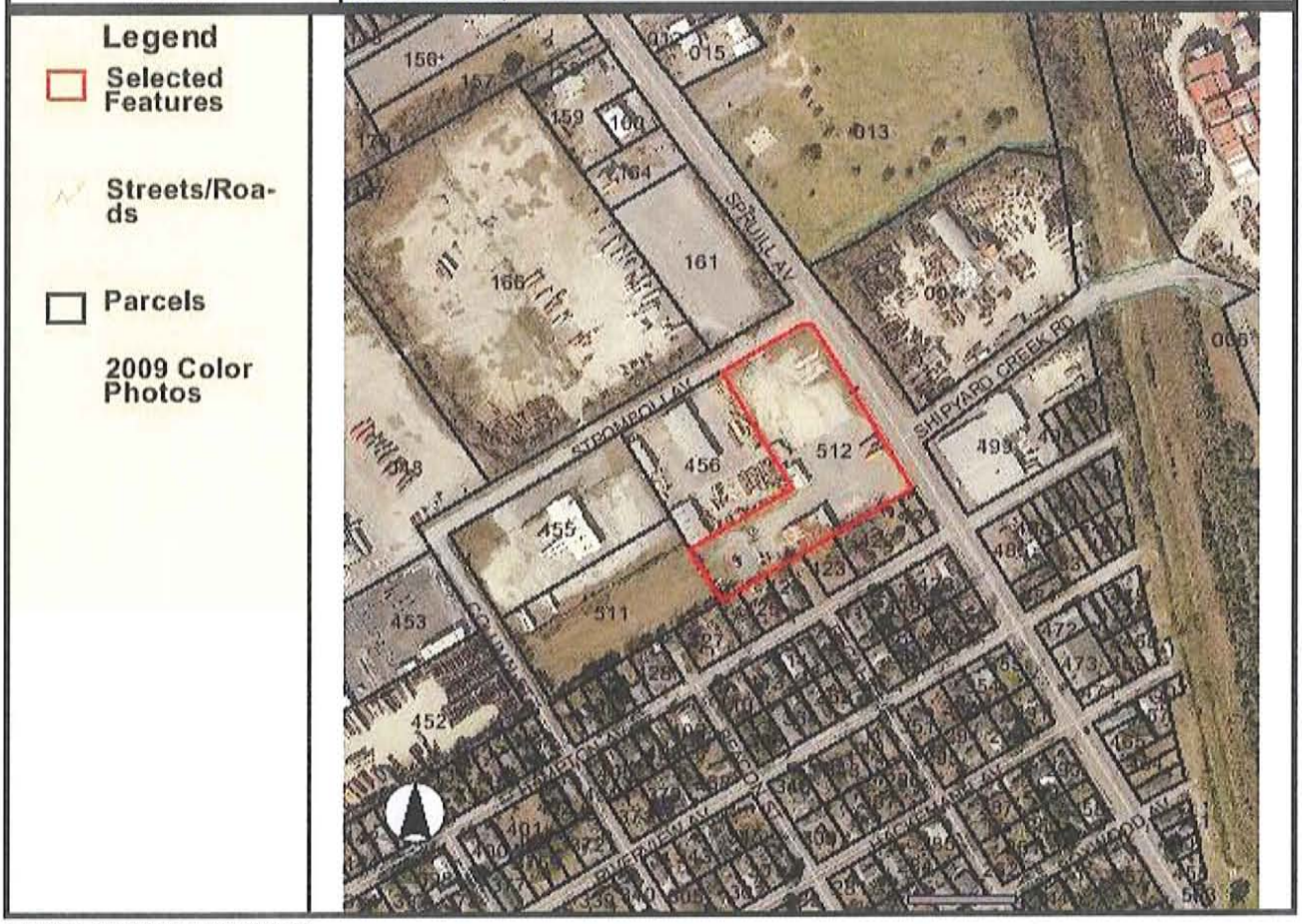


PARCEL NUMBER : 4660800512

PARCEL ID:	4660800512
STREET NUMBER:	2635
STREET NAME:	SPRUILL
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	MAXIM CRANE WORKS
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	S.W. STROMBOLI AND SPRUILL AVE.
LGL HI ACRES:	2.79
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	2.79
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	CC-159
OWNER ON 1ST:	CAROLINA MARITIME COMPANY INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/10/1991
DEED BOOK:	N229-789
WILL CODE:	
WILL DATE:	
C O NAME:	ELLIOTT DAVIS LLC
MAIL STREET NUMBER:	100
MAIL STREET NAME:	CALHOUN ST STE 300
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29401-3542
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	201212
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	309000
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	**T. M. No.** 466 — 8 — 0 **LOT** 5 12	**GEOGRAPHICAL AREA**	CITY OF NORTH CHARLESTON					**TAX DISTRICT NO.** 4-3
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS:	
3.	CAROLINA SHIPPING COMPANY	9-21-65	W83	276	28,500	3		
4.	CAROLINA STEVEDORING COMPANY, INC.	10-30-89	H188	032	255,000		P.O. Box 22207, Chas. S.C. 29413-2207	X
5.	CAROLINA MARITIME COMPANY, INC.	7-19-93	N229	789	201,212		P.O. Box 674, Chas S.C. 29402	
6.								
7.								
8.								
9.								

10. **PROPERTY LOCATION** Stromboli Avenue — SUBDIVISION:

11. Lot — Block — Tract No. — Parcel No. — Other SPRUILL AVE. S.W. STROMBOIL AVENUE

12. **ACREAGE:** High Land 2.79 — Marsh Land — — Total Acres 2.79 — **ACREAGE TAKEN FROM:** DEED ( ), PLAT (✓), COMPUTATIONS ( )

13. **MEASUREMENTS:** Road Frontage 390.4 X 46— X 129 X 250 X 291 X 180.6 X X

14. PLATS RECORDED IN: CC-159, U201-133 — **COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER** ✓

15.

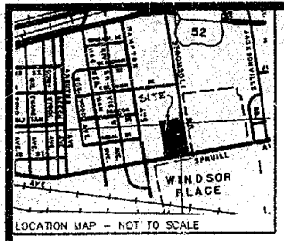
16.	YEAR ASSESSMENT FOR:	1991										
17.	LAND ASSESSMENT $			COMPUTERIZED						CHECKED		
18.	BUILDING ASSESSMENT $			OCT 3 1 1991						11-11-91		
19.	TOTAL ASSESSMENT $	*		BY: P.A.E.								X
20.	NUMBER OF BUILDINGS			1-28-94 bt								
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	$ ESTIMATED COST AS TAKEN FROM PERMIT	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

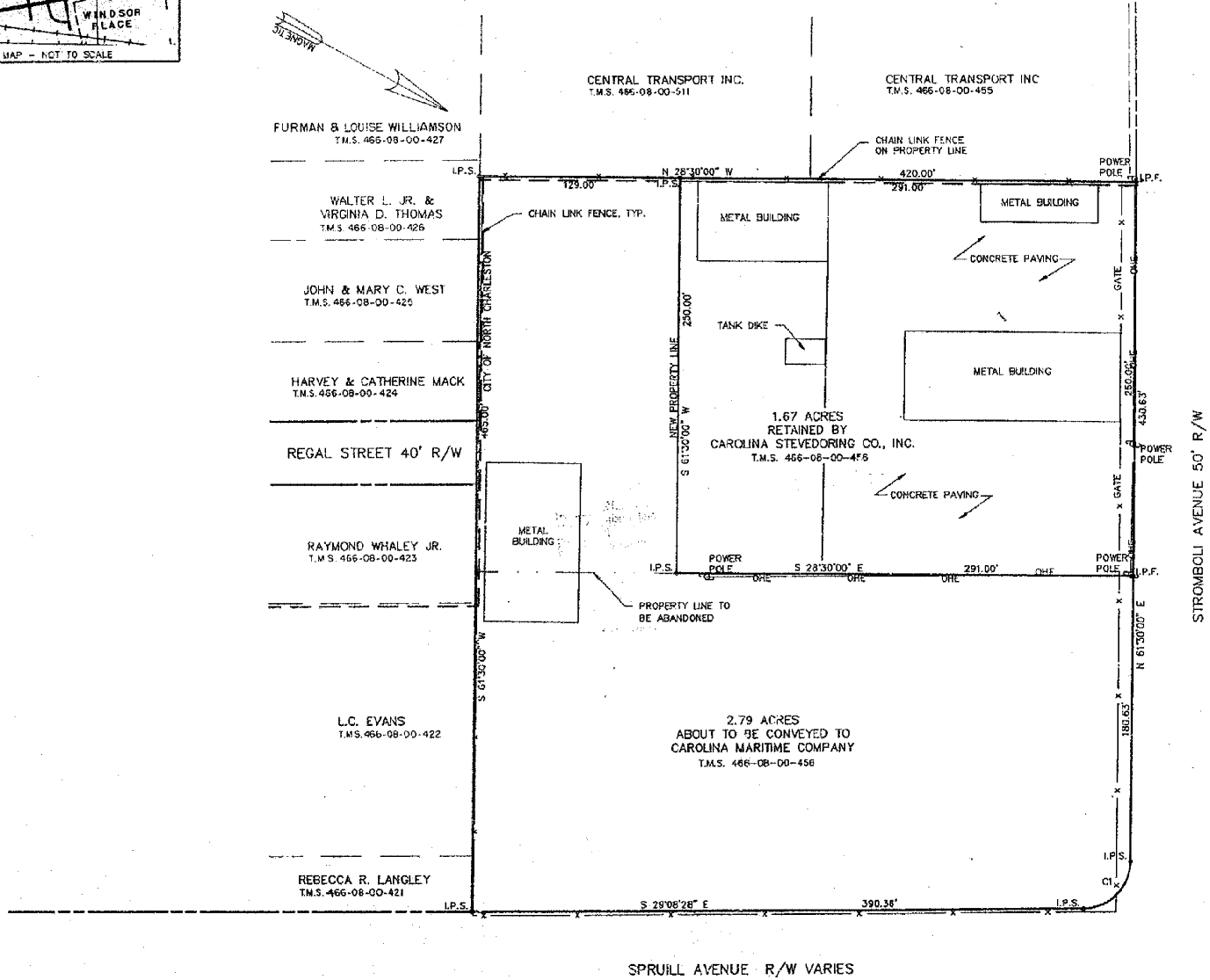
LINE #19--Separated from TMS#466-8-0-456 per Plat CC-159 for 1992. Prev. assessed in 4.5 ac. hi., 460 x 420 x 465 x 420, Spruill Ave. S .w. Stromboli Avenue. bt 9-10-91

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.79'	29.67'	42.19'	N 73°49'14" W	89°21'32"

BK U201 PG 133



LOCATION MAP - NOT TO SCALE



LEGEND

———	PROPERTY LINE
———	RIGHT-OF-WAY
———	ADJACENT PROPERTY
I.P.S.	IRON PIN SET
I.P.F.	IRON PIN FOUND

FLOOD ZONE DATA
THIS PROPERTY LIES IN FLOOD ZONE A7 WITH A BASE FLOOD ELEVATION OF 12.00' M.S.L. AS INDICATED ON FEMA FLOOD MAP COMMUNITY PANEL 450042 0014 C REVISED NOV. 5, 1986.

REFERENCES:
1. T.M.S. 466-08-00-456
2. DEED BOOK W83 PAGE 276 CHARLESTON COUNTY R.M.C.
3. DEED BOOK J91 PAGE 218 CHARLESTON COUNTY R.M.C.
4. PLAT BOOK S PAGE 33 CHARLESTON COUNTY R.M.C.
5. PLAT BOOK T PAGE 97 CHARLESTON COUNTY R.M.C.

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 12th day of April 1991 at 1:30 o'clock in Plat Book CC Page 159 and copy filed in File at Drawer 4 Folder 19 Drawing No. 31 Original plat to White [illegible] to David Spell Surveying.

Register Mesne Conveyance

APPROVED PLAT
Exempt from Section 18-22(a) and 18-23(a) of Subdivision Regulations.
DATE: 4-10-91
ATTEST: [signature]
Planning Director
City of North Charleston

PLAT OF THE SUBDIVISION OF 4.46 ACRES OWNED BY CAROLINA STEVEDORING CO., INC. LOCATED IN THE CITY OF NORTH CHARLESTON CHARLESTON COUNTY, SOUTH CAROLINA

DATE: JANUARY 17, 1991 SCALE: 1" = 50'

50 100 50 100
scale feet

I, DAVID W. SPELL, A REGISTERED SURVEYOR OF THE STATE OF SOUTH CAROLINA, DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON AND THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THIS PROPERTY AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THE PRECISION IS 1:10,000.
AREA DETERMINED BY COORDINATE METHOD.

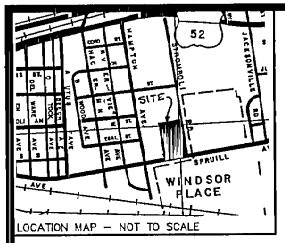
[signature]
S.C. REG. NO. 11477

SOUTH CAROLINA REGISTERED LAND SURVEYOR 11477 DAVID W. SPELL

SURVEY REQUESTED BY TOM TILSON

DAVID SPELL SURVEYING, INC. P.O. BOX 32381, CHARLESTON, S.C. 29417-2381 (803) 556-2090

DAVID SPELL SURVEYING INC P O BOX 32381 CHARLESTON S C 29417-2381 (803) 556-2090



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30 00	46 79	29 67	42 19	N 73 49 14 W	89 21 32

BK U201PG133

MAGNETIC

CENTRAL TRANSPORT INC
TMS 466 08 00 517

CENTRAL TRANSPORT INC
TMS 466 08 00 455

FURMAN & LOUISE WILLIAMSON
TMS 466 08 00 427

WALTER L JR & VIRGINIA D THOMAS
TMS 466 08 00 426

JOHN & MARY C WEST
TMS 466 08 00 425

HARVEY & CATHERINE MACK
TMS 466 08 00 424

REGAL STREET 40' R/W

RAYMOND WHALEY JR
TMS 466 08 00 423

L C EVANS
TMS 466 08 00 422

REBECCA R LANGLEY
TMS 466 08 00 421

CHAIN LINK FENCE ON PROPERTY LINE

CHAIN LINK FENCE TYP

N 28 30 00 W 420 00

129 00

291 00

IPS

IPF

POWER POLE

METAL BUILDING

METAL BUILDING

CONCRETE PAVING

GATE

OHE

TANK DIKE

METAL BUILDING

250 00

465 00

CITY OF NORTH CHARLESTON

NEW PROPERTY LINE

S 61 30 00 W

1 67 ACRES
RETAINED BY
CAROLINA STEVEDORING CO INC
TMS 466-08-00-456

430 63

CONCRETE PAVING

METAL BUILDING

PROPERTY LINE TO BE ABANDONED

S 28 30 00 E 291 00

N 61 30 00 E

180 63

2 79 ACRES
ABOUT TO BE CONVEYED TO
CAROLINA MARITIME COMPANY
TMS 466-08-00-456

S 61 30 00 W

S 29 08 28 E 390 36

C1

SPRUILL AVENUE R/W VARIES

STROMBOLI AVENUE 50 R/W

LEGEND

PROPERTY LINE
RIGHT-OF-WAY
ADJACENT PROPERTY
IPS IRON PIN SET
IPF IRON PIN FOUND

FLOOD ZONE DATA
THIS PROPERTY LIES IN FLOOD ZONE A7 WITH A BASE FLOOD ELEVATION OF 12 00 M S L AS INDICATED ON FEMA FLOOD MAP COMMUNITY PANEL 450042 0014 C REVISED NOV 5 1986

REFERENCES
1 TMS 466-08-00-456
2 DEED BOOK W83 PAGE 276 CHARLESTON COUNTY R M C
3 DEED BOOK J91 PAGE 218 CHARLESTON COUNTY R M C
4 PLAT BOOK S PAGE 33 CHARLESTON COUNTY R M C
5 PLAT BOOK T PAGE 97 CHARLESTON COUNTY R M C

Charleston South Carolina
Office of Register Mesne Conveyance

Plat recorded this 12th day of April 1991 at 1:30 o'clock in Plat Book CC Page 159 and the original cloth copy filed in File 2 Drawer 4 Folder 19 Drawing No 31 Original plat or certified print delivered to David Spell Surveying

Register Mesne Conveyance

APPROVED PLAT
Exempt from Section 18-22(a) and 18-23(a) of Subdivision Regulations
DATE 4-10-91
ATTEST
Planning Director
City of North Charleston

PLAT
OF
THE SUBDIVISION OF
4 46 ACRES
OWNED BY
CAROLINA STEVEDORING CO , INC
LOCATED IN
THE CITY OF NORTH CHARLESTON
CHARLESTON COUNTY, SOUTH CAROLINA

DATE JANUARY 17 1991 SCALE 1" = 50

50 100 50 100
scale feet

I DAVID W SPELL A REGISTERED SURVEYOR OF THE STATE OF SOUTH CAROLINA DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON AND THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THIS PROPERTY AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THE PRECISION IS 1 10 000
AREA DETERMINED BY COORDINATE METHOD

SOUTH CAROLINA REGISTERED LAND SURVEYOR 11477 DAVID W SPELL

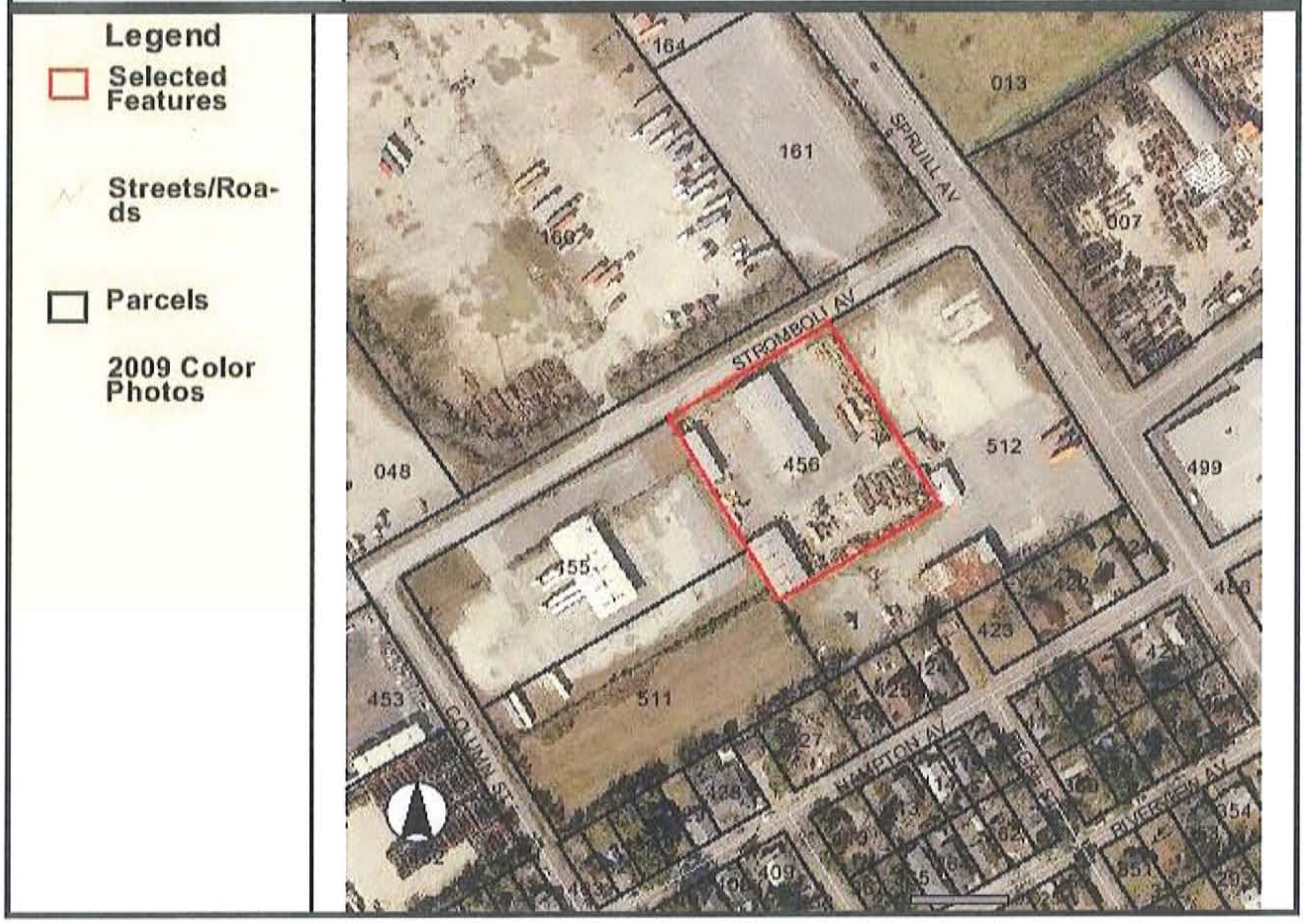
SC REG NO 11477

SURVEY REQUESTED BY TOM TILSON

002

Tract 43

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660800456

PARCEL ID:	4660800456
STREET NUMBER:	1950
STREET NAME:	STROMBOLI AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	WHS
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	S W STROMBOLI AVE & SPRUILL AVE
LGL HI ACRES:	1.67
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	1.67
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	S-33
OWNER ON 1ST:	CAROLINA STEVEDORING COMPANY INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	H188-032
WILL CODE:	
WILL DATE:	
C O NAME:	VALLRIC KITIONA
MAIL STREET NUMBER:	1131
MAIL STREET NAME:	SW KLICKITAT WAY
MAIL UNIT:	
MAIL CITY:	SEATTLE
MAIL STATE:	WA
MAIL ZIP:	98134
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	541000
BUILD COUNT:	3
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 8 — 0 LOT 456	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON					TAX DISTRICT NO. 4-3	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	SOLOMON, Walter H., as Trustee	9-61	M74	378				
4.	CAROLINA SHIPPING COMPANY (1)	9-21-65v	W83	276	28,500	3		
5. 546	CAROLINA STEVEDORING COMPANY, Inc.	10-30-89	H188	032	255,000		P.O. Box 22207 Chas. SC 29413-2207	X
6.								
7.								
8.								
9.								

10. PROPERTY LOCATION Stromboli Ave. SUBDIVISION:

11. Lot Block Tract No. Parcel No. Other SPRUILL AVE. S. STROMBOLI AVENUE

12. ACREAGE: High Land 1.67 Marsh Land — Total Acres 1.67 ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (✓) X

13. MEASUREMENTS: Road Frontage 250 X 291 X 250 X 291 X X X X

14. PLATS RECORDED IN: S-33, W81-243 * CC-159, U201-133 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ← X

15. TRACT LETRD A B C D STROMBOLI S 33 2.41 ac

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	1000	COMPUTERIZED			COMPUTERIZED				CHECKED.		
18.	BUILDING ASSESSMENT $	11000	MAY 27 1988			OCT 31 1991				5-16-91 a		
19.	TOTAL ASSESSMENT $	12000	By DAE			BY: P. A. E.						X
20.	NUMBER OF BUILDINGS	4										
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237 BLOCK 3 LOT 3
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #14--Also by deed W83-276

LINE #19--File #2083 dtd 7-24-67, for 1967 asmt change

LINE #12--Previously mapped as 2.4 ac., 250 X 420. Combined 466-8-0-457, 2.05 ac. S W. Stromboli and Spruill Avenues, dtd. 11-4-68, deed J91-218 for Appraisal Purposes. TMS 466-8-0-457 is deleted for 1979. jk, 9-15-78.

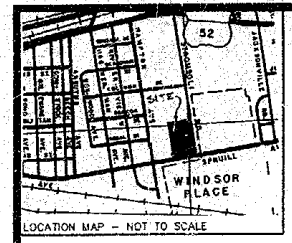
LINE #1--Annexed into the City of North Charleston 4-3 from North Charleston 4-1 by Ratif. #1987-125 Sec. #24-D dated 12-20-87 for 1988. bt 5-26-88

LINE #5--Previously carried in the name of CAROLINA SHIPPING COMPANY on Auditor's 1990 duplicate in error, this property was sold to CAROLINA STEVEDORING COMPANY, INC. in Oct. 1989 but transfer was not made. Correcting name for 1990 to CAROLINA STEVEDORING COMPANY, INC and putting on adds to adds for same year. 4/8/91 pe

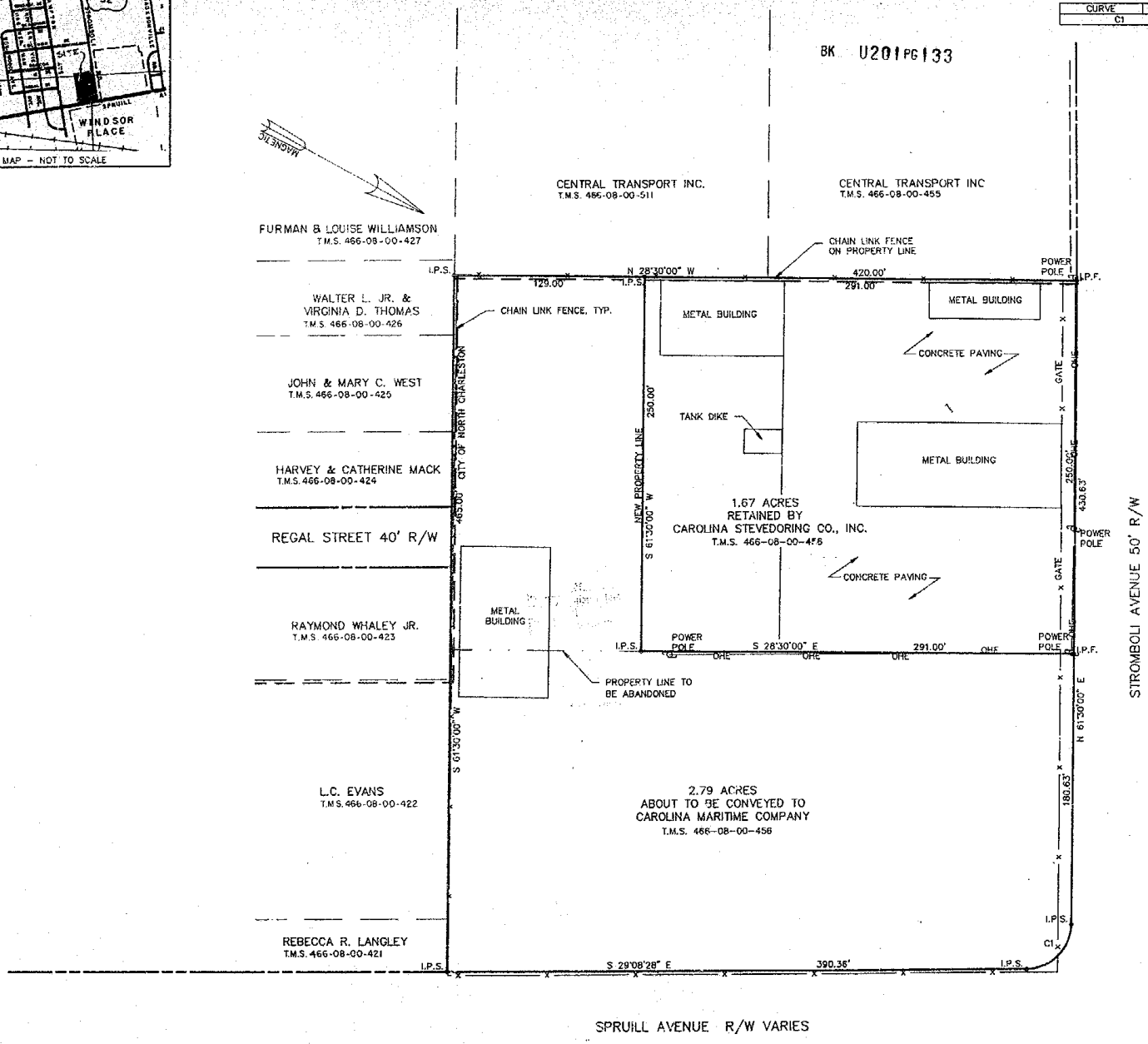
LINE #12--Prev. mapped as 4.5 ac. hi., 460 x 420 x 465 x 420, Spruill Ave. S.W. Stromboli Avenue. Per Plat CC-159, 2.79 ac. is S-ubd. for 1992. See TMS#466-8-0-512. Acreage is now 1.67 ac. hi., 250 x 291 x 250 x 291 for 1992. b t 9-10-91

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.79'	29.67'	42.19'	N 73°49'14" W	89°21'32"

BK U201 PG 133



LOCATION MAP – NOT TO SCALE



LEGEND

———	PROPERTY LINE
———	RIGHT-OF-WAY
— — —	ADJACENT PROPERTY
I.P.S.	IRON PIN SET
I.P.F.	IRON PIN FOUND

FLOOD ZONE DATA
THIS PROPERTY LIES IN FLOOD ZONE A7 WITH A BASE FLOOD ELEVATION OF 12.00' M.S.L. AS INDICATED ON FEMA FLOOD MAP COMMUNITY PANEL 450042 0014 C REVISED NOV. 5, 1986.

REFERENCES:
1. T.M.S. 466-08-00-456
2. DEED BOOK W83 PAGE 276 CHARLESTON COUNTY R.M.C.
3. DEED BOOK J91 PAGE 218 CHARLESTON COUNTY R.M.C.
4. PLAT BOOK S PAGE 33 CHARLESTON COUNTY R.M.C.
5. PLAT BOOK T PAGE 97 CHARLESTON COUNTY R.M.C.

Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 12th day of April 1991 at 1:30 o'clock in Plat Book CC Page 159 and [illegible] copy filed in File 2 Drawer 4 Folder 19 Drawing No. 31 Original plat is white [illegible] to David Spell Surveying.

Robert N. King
Register Mesne Conveyance

APPROVED PLAT
Exempt from Section 18-23(a) and 18-25(a) of Subdivision Regulations.
DATE: 4-10-91
ATTEST: [signature]
Planning Director
City of North Charleston

PLAT OF THE SUBDIVISION OF 4.46 ACRES OWNED BY CAROLINA STEVEDORING CO., INC. LOCATED IN THE CITY OF NORTH CHARLESTON CHARLESTON COUNTY, SOUTH CAROLINA

DATE: JANUARY 17, 1991 SCALE: 1" = 50'

50 100 50 100
scale feet

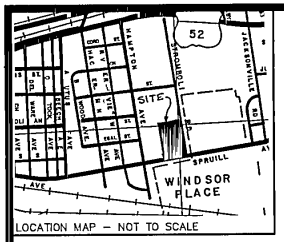
I, DAVID W. SPELL, A REGISTERED SURVEYOR OF THE STATE OF SOUTH CAROLINA, DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON AND THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THIS PROPERTY AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THE PRECISION IS 1:10,000.
AREA DETERMINED BY COORDINATE METHOD.

[signature]
S.C. REG. NO. 11477

SOUTH CAROLINA REGISTERED LAND SURVEYOR 11477 DAVID W. SPELL

SURVEY REQUESTED BY TOM TILSON

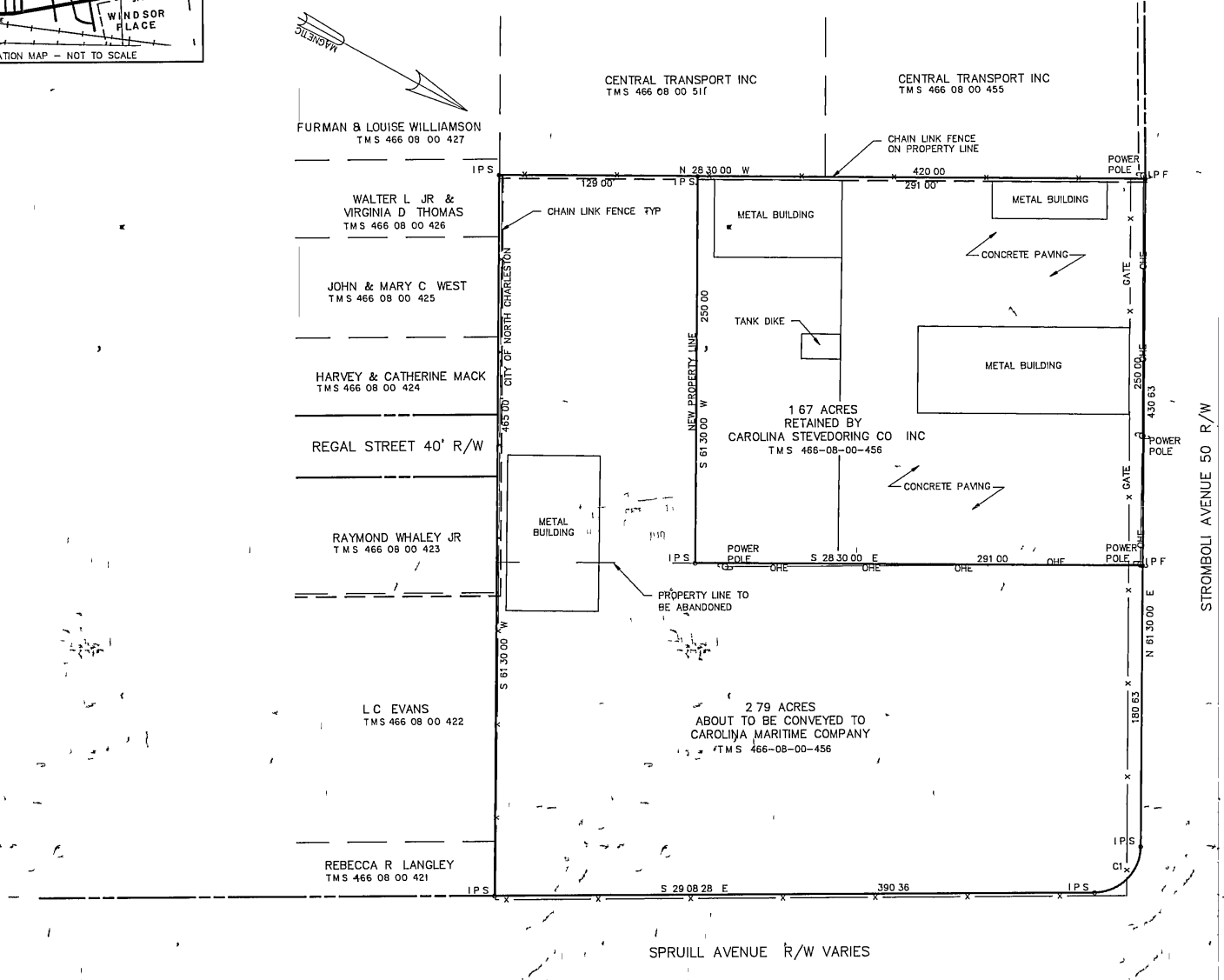
DAVID SPELL SURVEYING, INC. P.O. BOX 32381, CHARLESTON, S.C. 29417-2381 (803) 556-2090



LOCATION MAP – NOT TO SCALE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30 00	46 79	29 67	42 19	N 73 49 14 W	89 21 32

BK U201PG133



LEGEND

PROPERTY LINE
RIGHT-OF-WAY
ADJACENT PROPERTY
IPS IRON PIN SET
IPF IRON PIN FOUND

FLOOD ZONE DATA
THIS PROPERTY LIES IN FLOOD ZONE A7 WITH A BASE FLOOD ELEVATION OF 12 00 M S L AS INDICATED ON FEMA FLOOD MAP COMMUNITY PANEL 450042 0014 C REVISED NOV 5 1986

REFERENCES
1 T M S 466-08-00-456
2 DEED BOOK W83 PAGE 276 CHARLESTON COUNTY R M C
3 DEED BOOK J91 PAGE 218 CHARLESTON COUNTY R M C
4 PLAT BOOK S PAGE 33 CHARLESTON COUNTY R M C
5 PLAT BOOK T PAGE 97 CHARLESTON COUNTY R M C

Charleston South Carolina
Office of Register Mesne Conve,
Plat recorded this 12th day of April 1991 at 1 30 o'clock in Plat Book CC Page 159 and tracing cloth copy filed in File 2 Drawer 4 Folder 19 Drawing No. 31 Original plat (white print) delivered to David Spell Surveying

Register Mesne Conveyance

APPROVED PLAT
Exempt from Section 18-22(a) and 18-23(a) of Subdivision Regulations
DATE 4-10-91
ATTEST J H Cawley
Planning Director
City of North Charleston

PLAT OF THE SUBDIVISION OF 4 46 ACRES OWNED BY CAROLINA STEVEDORING CO, INC LOCATED IN THE CITY OF NORTH CHARLESTON

CHARLESTON COUNTY, SOUTH CAROLINA

DATE JANUARY 17 1991 SCALE 1" = 50

50 100 50 100
scale feet

I DAVID W SPELL A REGISTERED SURVEYOR OF THE STATE OF SOUTH CAROLINA DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON AND THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THIS PROPERTY AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THE PRECISION IS 1 10 000 AREA DETERMINED BY COORDINATE METHOD

David W Spell
S C REG NO 11477

SOUTH CAROLINA REGISTERED LAND SURVEYOR 11477 DAVID W SPELL

SURVEY REQUESTED BY TOM TILSON

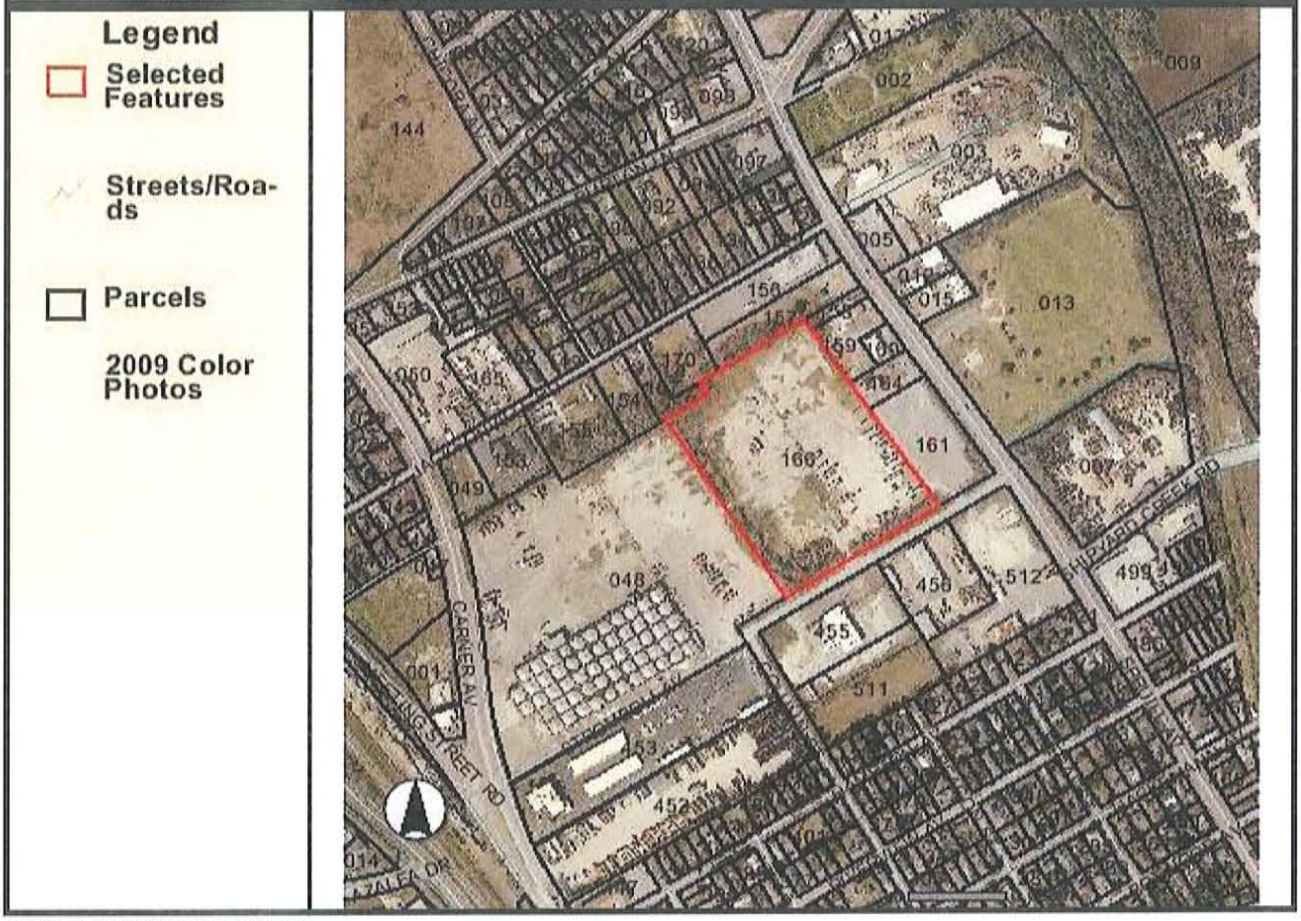
DAVID SPELL SURVEYING INC P O BOX 32381 CHARLESTON S C 29417-2381 (803) 556-2090

002

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 44

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660300166

PARCEL ID:	4660300166
STREET NUMBER:	1950
STREET NAME:	STROMBOLI AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	
LGL HI ACRES:	8.42
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	8.42
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	AQ-26
OWNER ON 1ST:	SOUTHEASTERN CONTAINER SERVICES
OWNER2 ON 1ST:	INC

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	A133-148
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 22118
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-2118
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	472000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 46[illegible] — 3 — 0	LOT 166	GEOGRAPHICAL AREA	CITY OF NORTH CHARLESTON					TAX DISTRICT NO. 4-3		
2.	TITLE OF OWNERSHIP		DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS			
3.	[illegible], Walter L., as Trustee	(1)	7-18-51	171	373						
4.	SOUTHEASTERN CONTAINER SERVICES, INC.		5-22-80	L122	297	75,753	3	P O Box 70546 Chas SC 29415			
√5.	CONTAINER LAND ASSOCIATES		8-27-82	G129	271	100,000	4	PO Box 70547			X
√6.	SOUTHEASTERN CONTAINER SERVICES, INC.		9-19-83	A133	148	45,379		P O Box 70549 Chas SC 29415			
7.											
8.											
9.											

10. PROPERTY LOCATION 1950 Stromboli Cir. SUBDIVISION

11. Lot Block Tract No Parcel No Other

12. ACREAGE: High Land 8.417 Marsh Land Total Acres 8.417 ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 551 x 66.47 x 146.5 x 45 x 347.1 x 110.6 x x COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

14. PLATS RECORDED IN AO-26, L122-227

15.

16.	YEAR ASSESSMENT FOR	1980										
17.	LAND ASSESSMENT $											
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	*										
20.	NUMBER OF BUILDINGS											
21.	TOTAL APPRAISED VALUE $											

COMPUTERIZED

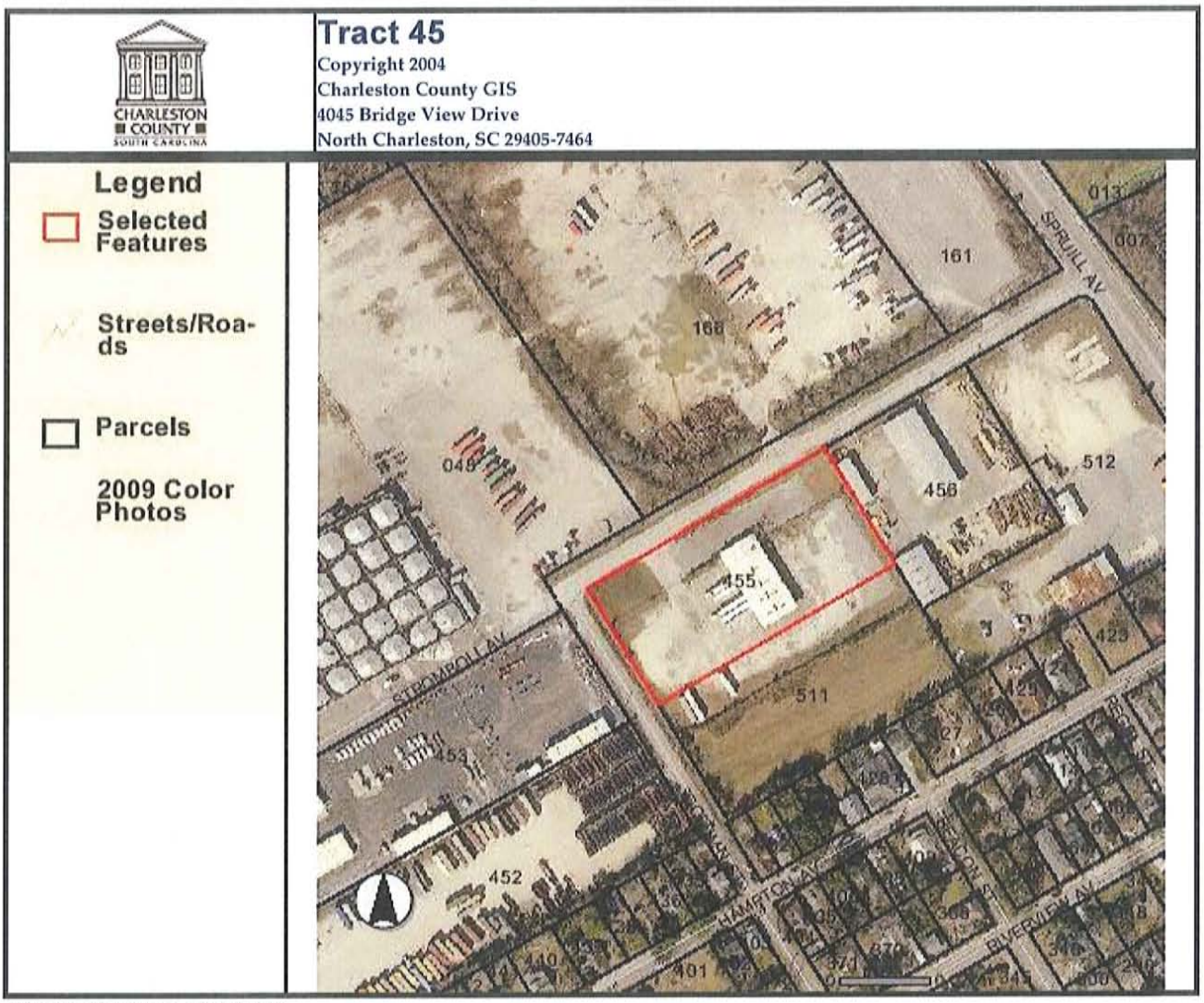
CHECKED 2/9/84 DE

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE TMS	BLOCK	LOT
23.								
24.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS		
25.								

LINE #1--Tax District changed from 4-1 (NORTH CHAS.) to 7-3 (CITY OF NORTH CHAS.) for 1980. Annexed to City of North Chas., Ratification Section 13-F, 12-27-79. jmw 3-28-80

LINE #2--Separated from 466-3-0-161 per plat A9-26 for 1981. Previously assessed in 10.14 ac., highland. 6/11/80 pe

LINE#5--A LIMITED PARTNERSHIP. mee 9-3-82



PARCEL NUMBER : 4660800455

PARCEL ID:	4660800455
STREET NUMBER:	1923
STREET NAME:	STROMBOLI AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	COR COLUMN ST EXT
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LOT 1 PART STROMBOLI
LGL HI ACRES:	2.02
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	2.02
TAX DISTRICT:	41
JURISDICTION:	CTA
PLAT BOOK:	K-22
OWNER ON 1ST:	CENTRAL TRANSPORT INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	10/21/1987
DEED BOOK:	X169-829
WILL CODE:	
WILL DATE:	
C O NAME:	REAL ESTATE DEPT
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 869
MAIL UNIT:	
MAIL CITY:	WARREN
MAIL STATE:	MI
MAIL ZIP:	48090-0869
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	275000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	218000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 8 — 0 LOT 455	GEOGRAPHICAL AREA: NORTH CHARLESTON						TAX DISTRICT NO. 4-1	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	R-J-M TERMINALS, INC.	8-62	Z76	161					
4.	MILLER, George T. (1)	5-22-67v	W87	110					X
5.	REALTY SPECIALISTS, INC.	1-5-73	X100	246	113,010	5	P.O.B. V 5245 [illegible]		
6.	SPECTOR TERMINALS, INC.	12-27-77	M114	250	130,000	4	1850 Kingery Hwy Bensenville IL	6/106	
7.	AMERICAN PROPERTY INVESTORS VIII	8-25-78	U116	208			" " "	5/19	
8.	CENTRAL TRANSPORT, INC.	10-27-87	X169	829	275,000	4	MI 48011 34200 [illegible] STERLING HTS		X
9.									

10. PROPERTY LOCATION: Stromboli Ave. & Columbus St., Ext. SUBDIVISION:

11. Lot 1 Block Tract No. Parcel No. Other PART STROMBOLI

12. ACREAGE: High Land 2.02 Marsh Land Total Acres 2.02 ACREAGE TAKEN FROM: DEED (X) PLAT ( ), COMPUTATIONS ( ) X

13. MEASUREMENTS: Road Frontage 418.7 x 210 x 419.4 x 210 x x x x

14. PLATS RECORDED IN: K-22, X60-216 BP-23, 0169-473 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15. LT 1 STROMBOLI AND PT STROMBOLI 4.00 ac

16.	YEAR ASSESSMENT FOR:	1970											
17.	LAND ASSESSMENT $	2000	COMPUTERIZED		COMPUTERIZED OR 11/11/87						CHECKED 3-1-88		
18.	BUILDING ASSESSMENT $	10800	JAN 6 1988										
19.	TOTAL ASSESSMENT $	12800	By PAE										
20.	NUMBER OF BUILDINGS	1											X
21.	TOTAL APPRAISED VALUE $												

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237 BLOCK 3 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--File #2109 dtd 5-20-68, for 1968 asmt change

LINE #8--A Michigan Corporation. Grantor in deed X169-829 was American Real Estate Holdings Limited Partnership. American Property Investors VIII merged with and into American Real Estate Holdings Limited Partnership (referred to in Certificate of Cancellation recorded in Book V169, page 33, in the RMC office on 10-20-87). 11-10-87 sb

LINE #12--Previously mapped as 4.0 ac., high Lot 1 and Part Stromboli 420 x 420 x 420 x 420 by plat BP-23 subdivided 2.02 ac. high for 1988, see TMS# 466-08-00-511. New acreage and legal for this card is 2.02 ac. high PART STROMBOLI with new measurements for 1988. 1/6/88 pe

Tract 46

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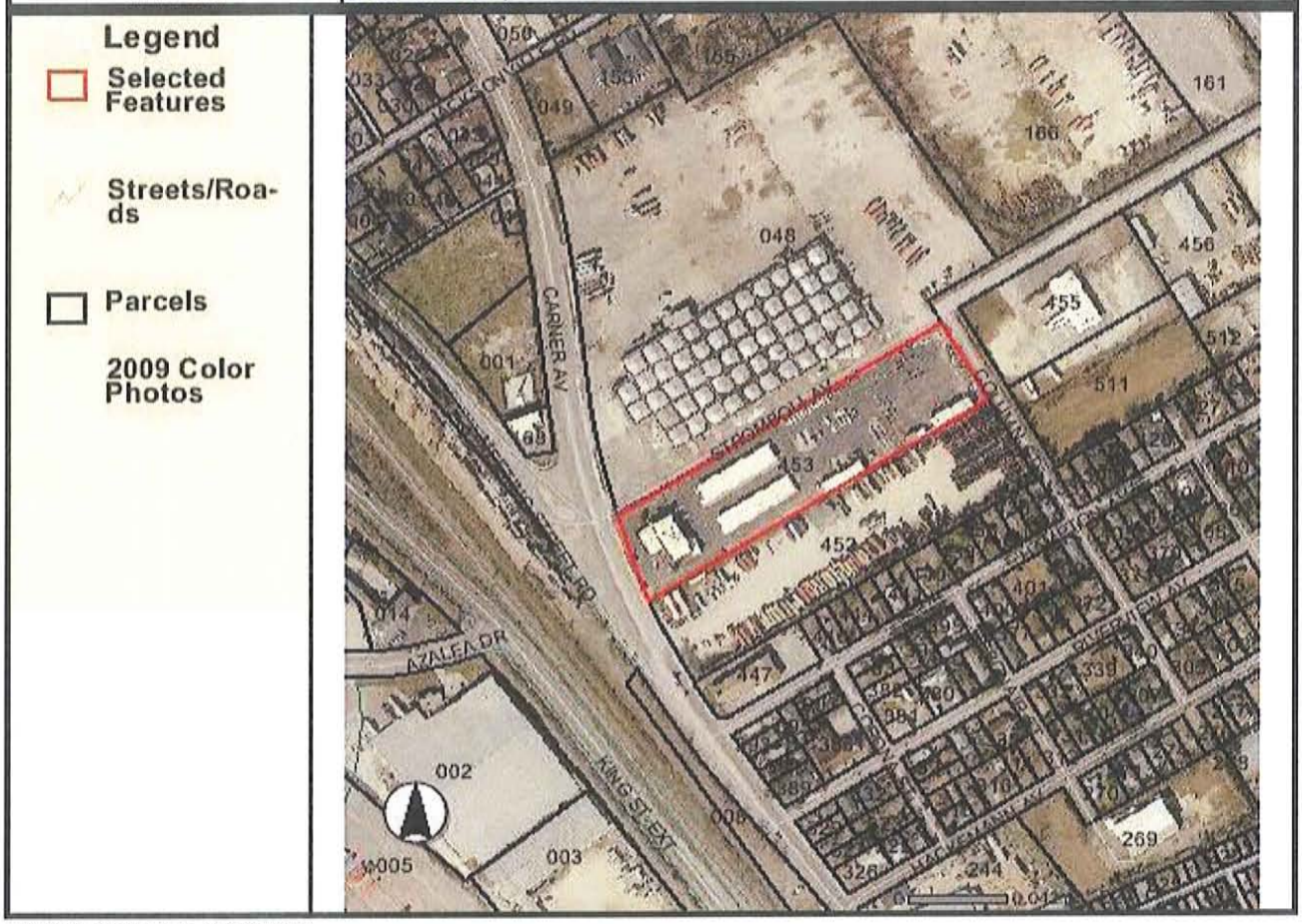
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660800453

PARCEL ID:	4660800453
STREET NUMBER:	2600
STREET NAME:	MEETING STREET RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	LEASED TO UTILITY SCTC 1576847-000
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	STROMBOLI (SCTC 1576847-000)
LEGAL DESCRIPTION:	TR A LEASED TO A UTILITY CO ASMT. INCLUDED IN PERSONAL PROPERTY
LGL HI ACRES:	3.9
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	3.9
TAX DISTRICT:	43
JURISDICTION:	SCT
PLAT BOOK:	U-45
OWNER ON 1ST:	BUTT WILLIAM CHRISTOPHER
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	3/6/2001
DEED BOOK:	T365-027
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	1218
MAIL STREET NAME:	KENSINGTON DR
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29407-7735
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 8 — 0 LOT 453	GEOGRAPHICAL AREA	NORTH CHARLESTON -CITY OF				TAX DISTRICT NO. 4-3	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	BUTT'S ELECTRICAL SUPPLY COMPANY (3)	11-57	S64	285				X
√4.	CITIZENS & SOUTHERN NATIONAL BANK OF SOUTH CAROLINA/ AS TRUSTEE	7-20-83	H132	163				X
√5.	CITIZENS & SOUTHERN NATIONAL BANK OF SOUTH CAROLINA/ AS TRUSTEE	7-20-83	H132	164				X
√6.	BUTT, Mary McClure a/k/a Mary McLure Butt	7-20-83	H132	165				X
√7.	BUTT, William Christopher	7-20-83	H132	162	441,000		1218 Kensington Dr. 29407	X
8.	BUTT, Nancy	8-29-83	W353	596			1218 Kensington Dr. Chas 29407	
9.	BUTT, William CHristopher	3-8-01	T365	027			" " "	

10. PROPERTY LOCATION: W. Enterprise Rd. SUBDIVISION: STROMBOLI

11. Lot ASSESSMENT INCLUDED IN PERSONAL PROPERTY Block | Tract No. A | Parcel No. | Other SCTC 1576847-000. LEASED TO A UTILITY CO.

12. ACREAGE: High Land 3.9 Marsh Land ——— Total Acres 3.9 | ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (✓)

13. MEASUREMENTS: Road Frontage 202 x 840.8 x 200 x 867.4 x x x x

14. PLATS RECORDED IN: S64-285, U-45 | COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15. TRACT A STROMBOLI 202 x 840 S64-285

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	600	COMPUTERIZED									
18.	BUILDING ASSESSMENT $	19600	AUG 18 1989									
19.	TOTAL ASSESSMENT $	20200	By									X
20.	NUMBER OF BUILDINGS	4										
21.	TOTAL APPRAISED VALUE $											

COMPUTERIZED CHECKED 8/1/83 dc

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237 BLOCK 2 LOT 4
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--File #2912 dtd 6-11-69, for 1969 asmt change

LINE #3--Juris code changed from 1 to 3 for 1977. Memo from A/O 6/14/77 ds
Land leased to Southern Bell and now is South Carolina Tax Commission Jurisdiction. per Tom Schaffe. 9/23/77 ds

LINE #4--Deed H132-163 is for TMS# 466-8-0-453 & 412-2-0-45. Grantee in deed H132-163 was CITIZENS & SOUTHERN NATIONAL BANK OF SOUTH CAROLINA as Executor and Testamentary Trustee under the Will of W. Harold Butt. 7/28/83 pe

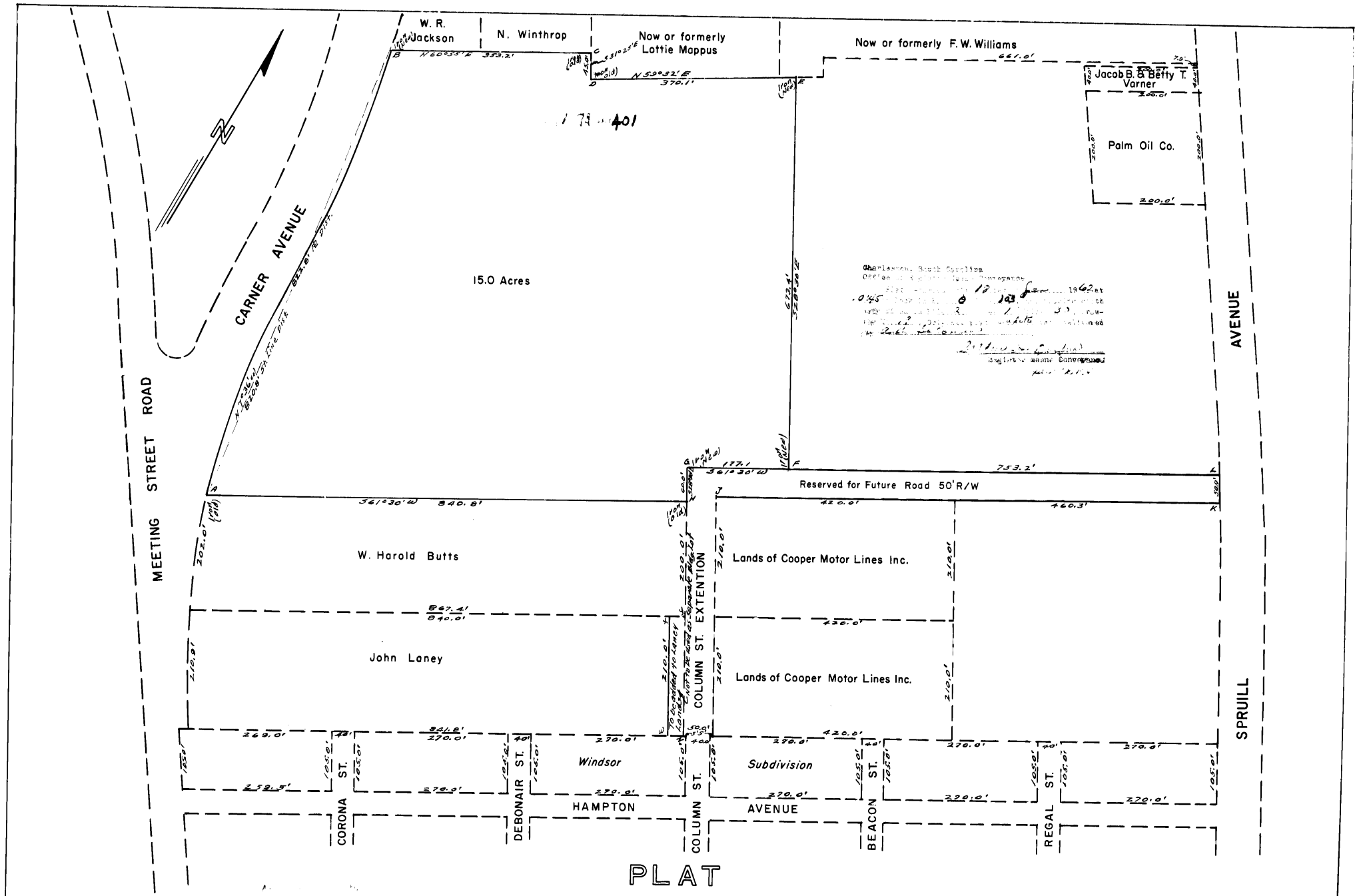
LINE #5--Deed H132-164 is a re-record of G130-85 for TMS# 466-8-0-453, 412-2-0-45 & 571-10-0-154. Grantee in deed H132-164 was CITIZENS AND SOUTHERN NATIONAL BANK OF SOUTH CAROLINA as Trustee of the Mary McClure Butt Trust. 7/28/83 pe

LINE #6--Deed H132-165 is a re-record of G130-86 for TMS# 466-8-0-453 & 412-2-0-45. 7/28/83 Pe

LINE #7--Deed H132-162 is a re-record of G130-76 for TMS# 466-8-0-453 & 412-2-0-45. 7/28/83 pe

LINE #11-Changed SCTC number from 610-00320 to 1576847-000 per Dept of Revenue certification. 11-8-95 bld.

LINE# 1--Tax Dist. change from N. Chas 4-1 to City Of N. Chas 4-3 By Rat#1995-45 for 2003. 4-10-03 lbs



PLAT

Showing Lands Known as Stromboli Lands
Owned by Walter H. Solomon, as Trustee

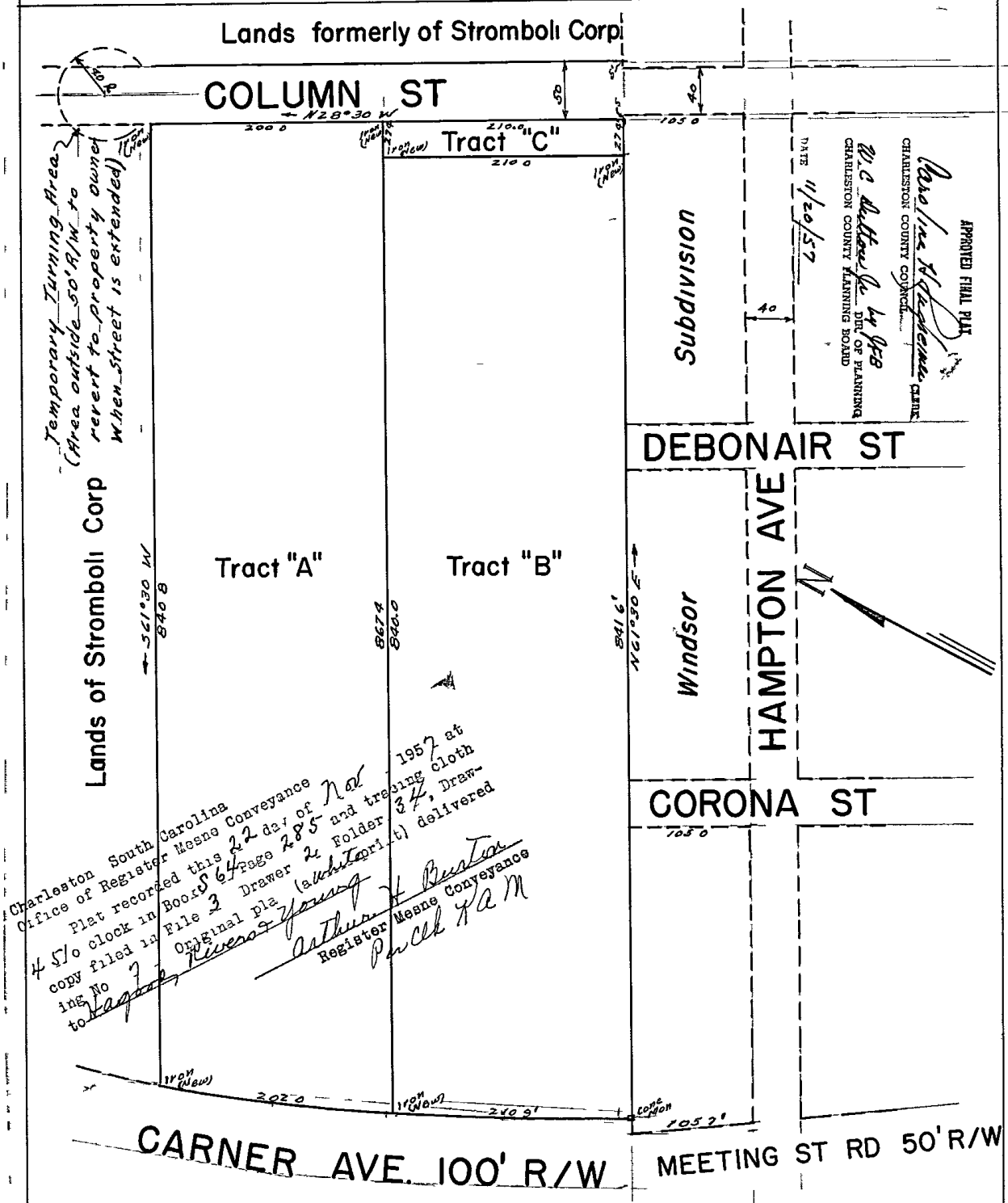
State of South Carolina County of Charleston.

Scale: 1" = 100'
Nov. 20, 1961

I, W. H. Matheny, certify this as a plat of a true and correct survey, made on the ground, and to be within an accuracy of 1:3000.

W. H. Matheny, R.L.S.
Reg. No. 630

IB 2c
1-8-1962



- PLAT -

Tracts "A", "B", & "C", now or formerly property of Stromboli Corp

State of South Carolina — County of Charleston

By the recording of this plat I, Walter H Solomon, President, Stromboli Corp, hereby dedicate all streets, rights-of-way, and other public areas as shown to the use of the public forever.

Walter H Solomon

Walter H Solomon, Pres
Stromboli Corporation

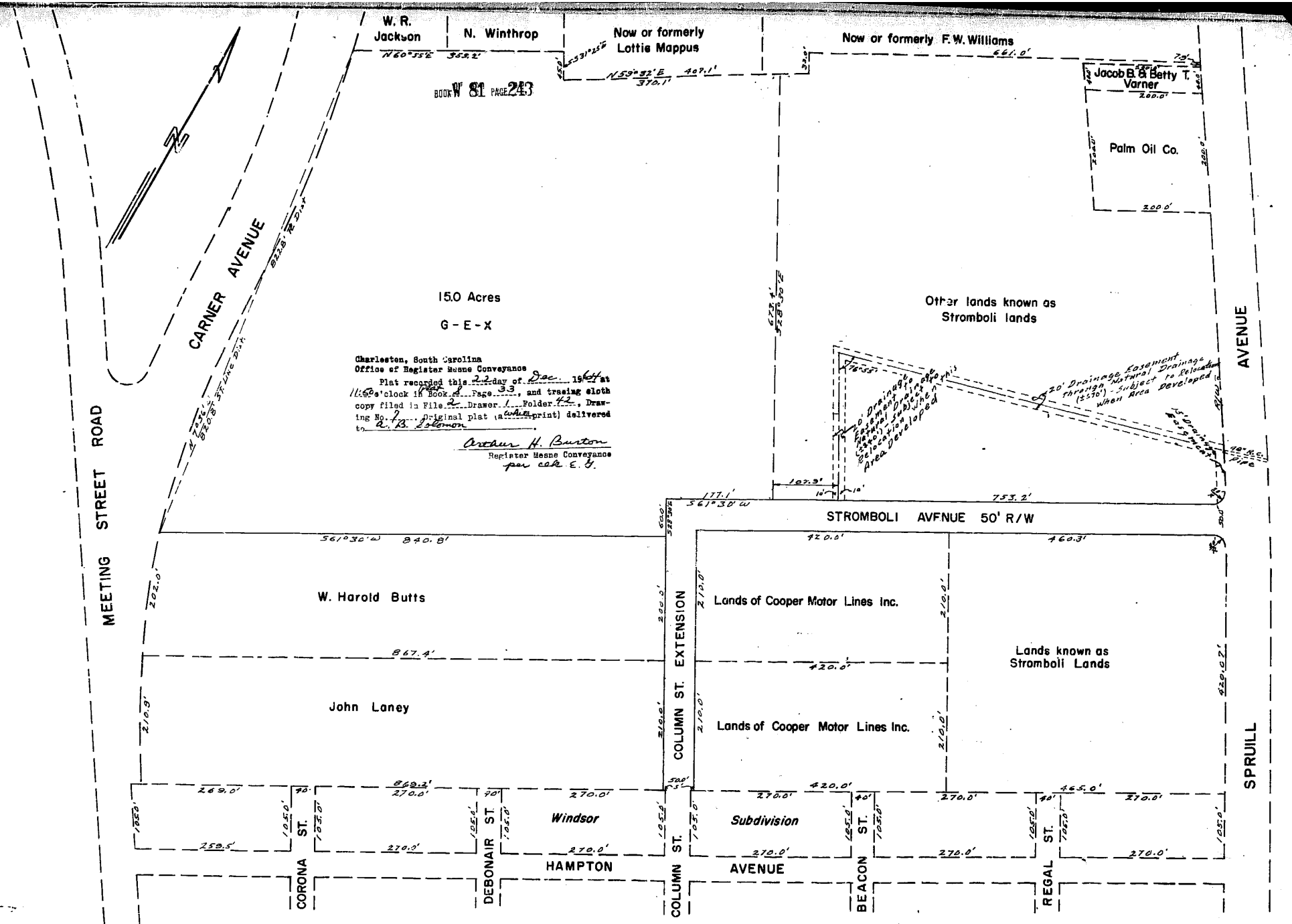
I, W H Matheny, certify this as a plat of a true and correct survey made on the ground on the date shown hereon

W H Matheny

W H Matheny, R L S
Reg No 630

Scale 1" = 100'

March 12, 1957



PLAT

Showing Lands Known as Stromboli Lands
Owned by Walter H. Solomon as Trustee

By the reco. ng of this plat I, Walter H. Solomon, owner as Trustee, hereby dedicate all streets, rights-of-ways, and other public areas as shown to the use of the public forever.

Walter H. Solomon, as Trustee

State of South Carolina County of Charleston

Scale: 1" = 100'
Nov. 20, 1964

APPROVED FINAL PLAT
Caroline H. Stephenson
CLERK, CHARLESTON COUNTY COUNCIL
H H Hearn
DIRECTOR OF PLANNING
CHARLESTON COUNTY PLANNING BOARD
DATE 12/16/64

I, W. H. Matheny, certify this as a plat of a true and correct survey, made on the ground, and to be within an accuracy of 1:3000.

W. H. Matheny, R. L. S.
Reg. No. 630

Original Tract	45.18 Acres
Sold & Road R/W	29.81 "
Remaining Unsold	15.37 Acres

Tract 47

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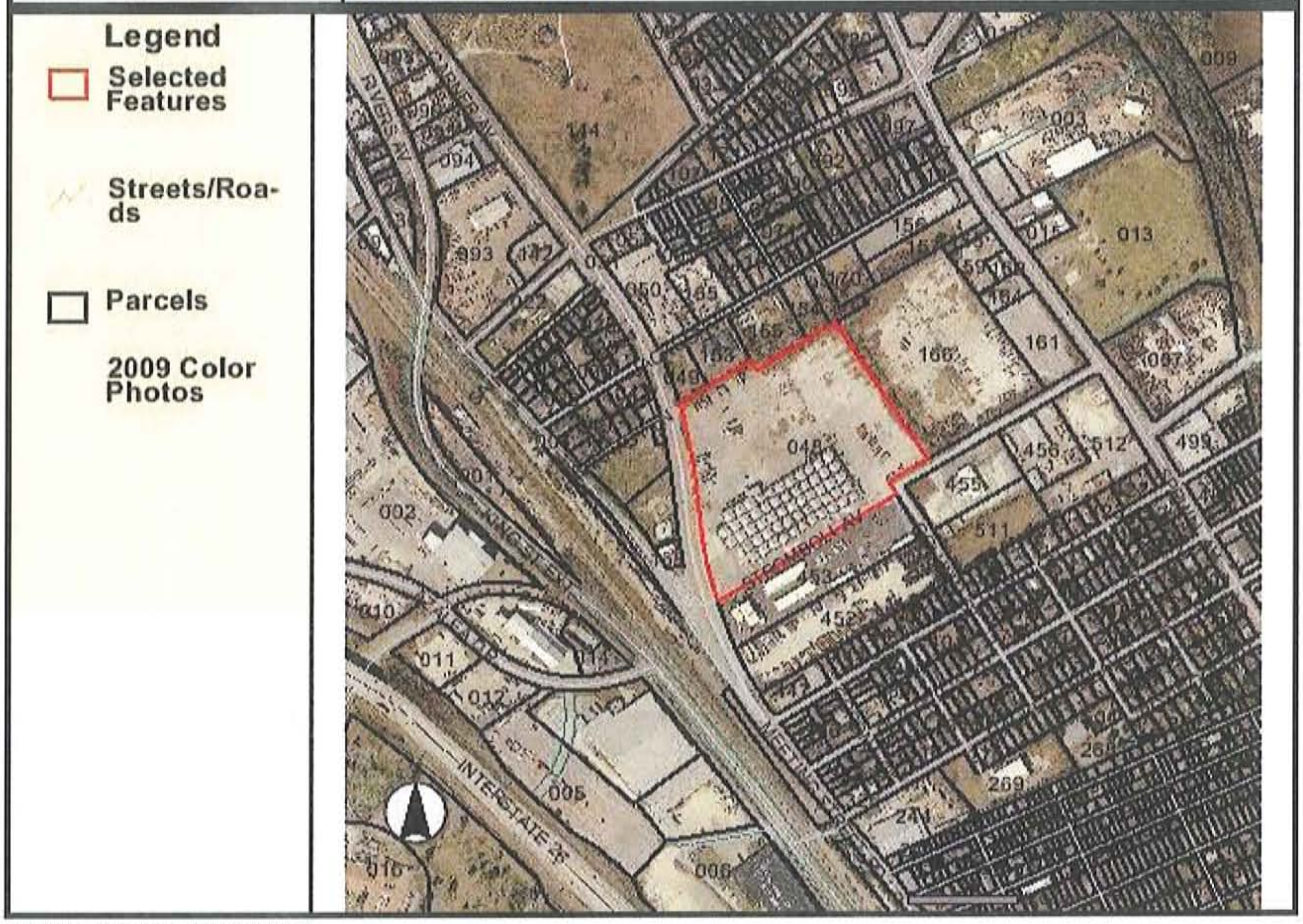
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660300048

PARCEL ID:	4660300048
STREET NUMBER:	2650
STREET NAME:	CARNER AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	WHS
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	STROMBOLI HIGH
LGL HI ACRES:	14.85
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	14.85
TAX DISTRICT:	41
JURISDICTION:	CTA
PLAT BOOK:	O-103
OWNER ON 1ST:	CONTAINER LAND ASSOCIATES
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	12/30/1988
DEED BOOK:	T180-282
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 22118
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29413-2118
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	725000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	2702000
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 3 — 0	LOT 48	GEOGRAPHICAL AREA	NORTH CHARLESTON			TAX DISTRICT NO. 4-3	
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	G. E. X. CHARLESTON CORP.	1-23-62	C76	40				
4.	WOODMAN OF THE WORLD LIFE INSURANCE SOCIETY	5-63 v	B80	108			1700 Farnam St, Omaha, N.E. 68102	
5.	GXE PROPERTIES	4-1-82	B128	169	870,000	3	180 EAST BAY ST, CHAS SC 29401	X
6.	CONTAINER LAND ASSOCIATES	12-30-88	T180	077	1,000,000		P O Box 70547, Chas SC 29405	X
7.	CONTAINER LAND ASSOCIATES	12-30-88	T180	282			" " "	X
8.								
9.								

10.	PROPERTY LOCATION Carner [illegible]		SUBDIVISION		
11.	Lot	Block	Tract No	Parcel No	Other STROMBOLI HIGH
12.	ACREAGE: High Land 14.85	Marsh Land ———	Total Acres 14.85	ACREAGE TAKEN FROM: DEED ( ), PLAT (✓), COMPUTATIONS ( )	X
13.	MEASUREMENTS: Road Frontage	x	x	x	x
14.	PLATS RECORDED IN O-103, Z74-401, AV-10, B128-143, BU-39, R180-849			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓	
15.	STROMBOLI HIGH O 103 15.00 ac				

16.	YEAR ASSESSMENT FOR	1970										
17.	LAND ASSESSMENT $	5000	COMPUTERIZED									
18.	BUILDING ASSESSMENT $	156800	APR 28 1989									
19.	TOTAL ASSESSMENT $	161800	By [illegible]									X
20.	NUMBER OF BUILDINGS	1										
21.	TOTAL APPRAISED VALUE $											

COMPUTERIZED CHECKED 1/18/82

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237 BLOCK 2 LOT 5
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--File #2911 dtd 6-11-69, for 1969 asmt change increase

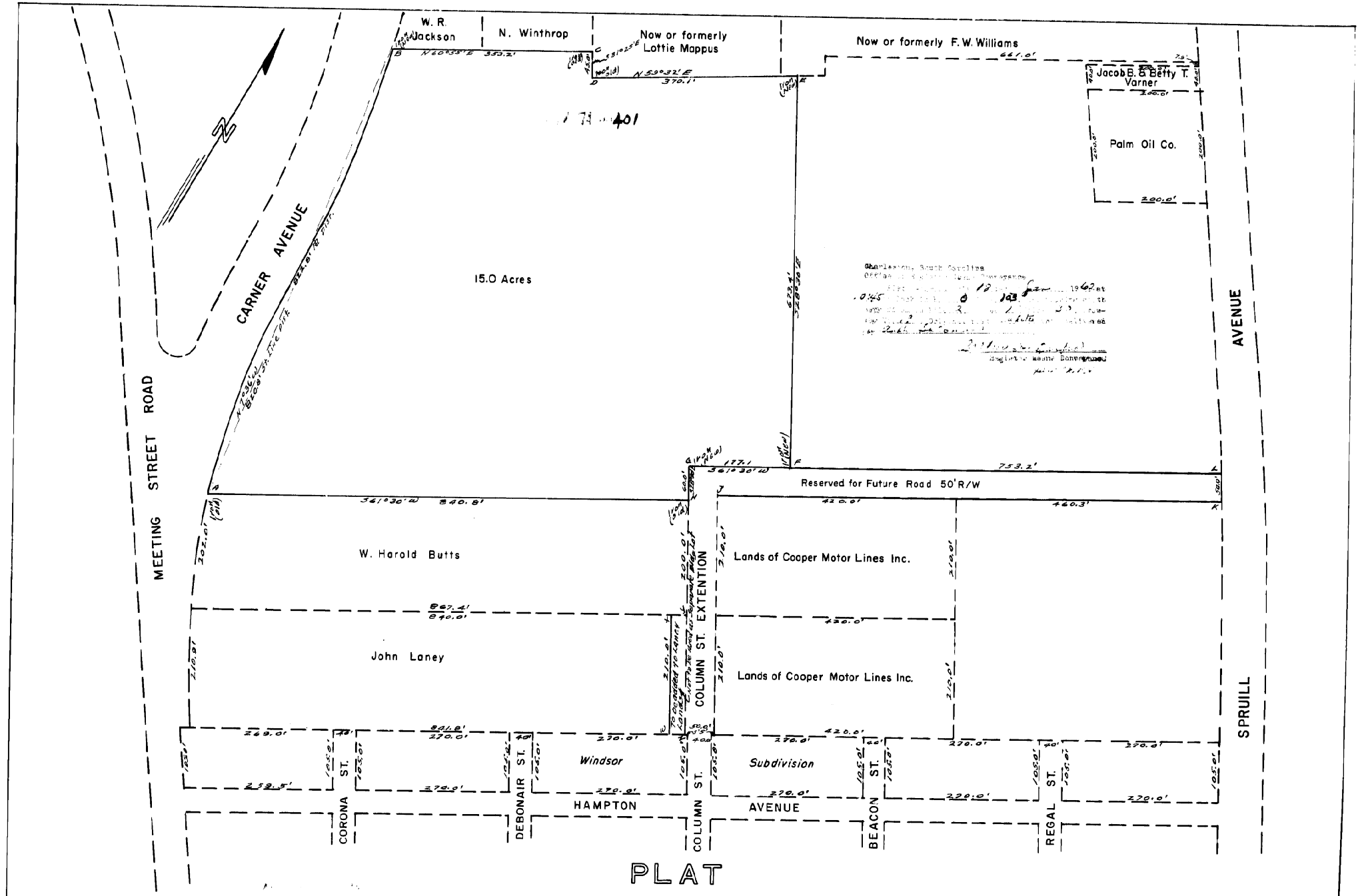
LINE# 12--Previously mapped as 15.0 ac. high with measurements. Per Resurvey Plat AV-10, acreage changed to 14.81 ac. high with measurements for 1983. jwc 10-5-82

LINE# 5--A South Carolina Genral Partnership. jwc 10-5-82

LINE #14--Per resurvey Plat BU-39 Acreage changed from 14.81 ac. hi. to 14.85 ac. hi for 1989. bt 4-17-89

LINE #6--W. David Latimer As Trustee for Container Land Associates, A Limited Partnership. bt 4-17-89

LINE #7--A Limited Partnership bt 4-17-89



PLAT

Showing Lands Known as Stromboli Lands
Owned by Walter H. Solomon, as Trustee

State of South Carolina County of Charleston.

Scale: 1" = 100'
Nov. 20, 1961

I, W. H. Matheny, certify this as a plat of a true and correct survey, made on the ground, and to be within an accuracy of 1:3000.

W. H. Matheny, R.L.S.
Reg. No. 630

Tract 48

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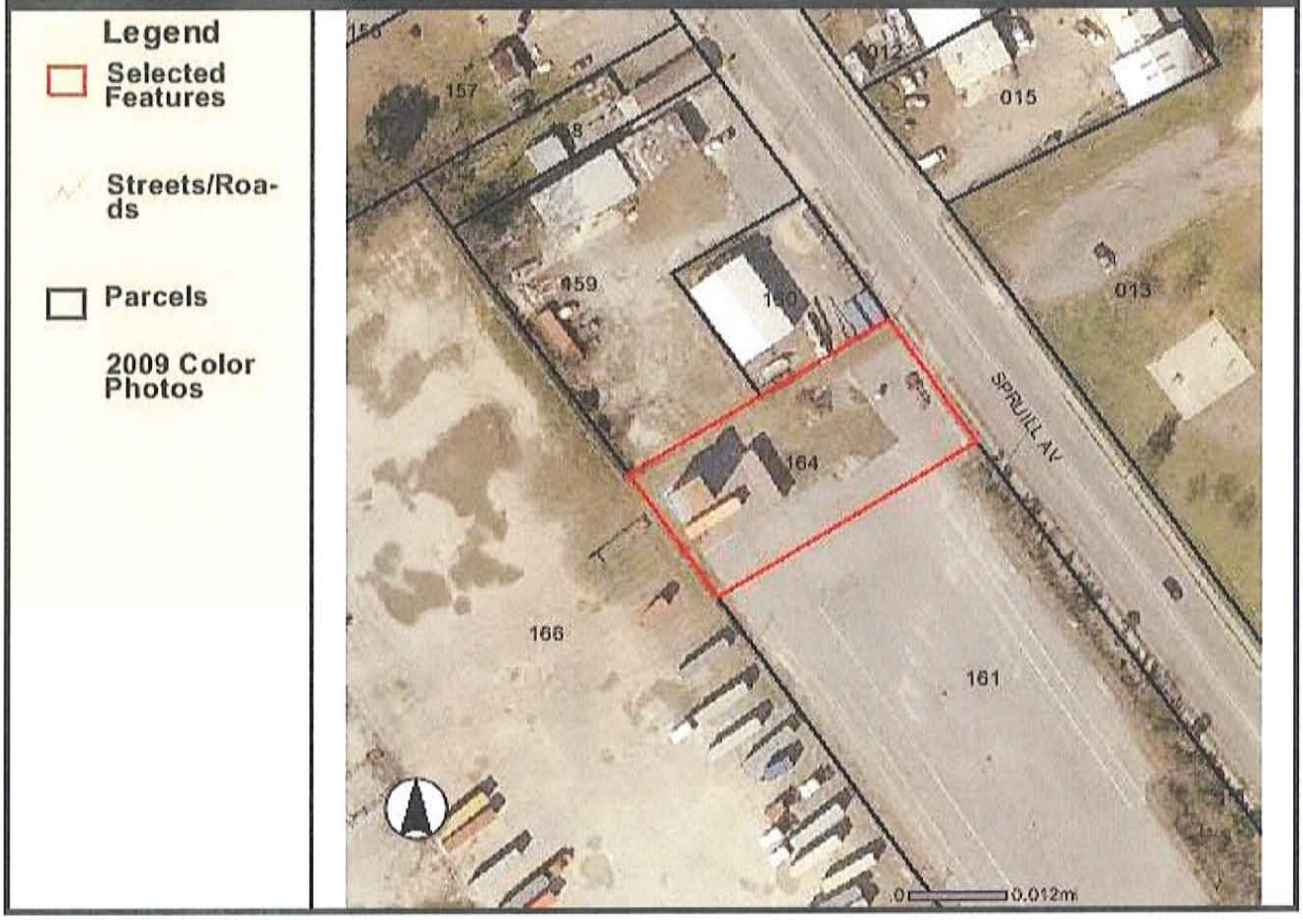
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660300164

PARCEL ID:	4660300164
STREET NUMBER:	0
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	
LGL HI ACRES:	0.46
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0.46
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	AO-62
OWNER ON 1ST:	CROSS ATLANTIC LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	10/1/2002
DEED BOOK:	K420-661
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 70902
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29415-0902
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	9
MULT LOT:	9
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	32100
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 03 — 00	LOT 104	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON			TAX DISTRICT NO. 4-3	X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	SOLOMON, Walter H., as Trustee	9-18-61	M74	378			
4.	MCKENZIE, Samuel A., Jr.	10-16-79	R120	49	20,000	3	[illegible] Spruill Ave. Chas. No. 29415 SC
5.	RODEO LEASING, INC.	6-9-93	Z227	272	15,000		75 Spring Grove Rd. Bonneau SC 29431
6.	LOW COUNTRY MARKETING, INC.	10-1-93	T232	306	25,000		118 [illegible] 29492 X
7.	RHODES, C.Anthony	6-25-97	W285	583	12,500		1947 Cape Dr [illegible] 29407
8.	CROSS ATLANTIC, LLC.	10-1-02	K420	661			P.O Box 76902 N Chas. 29415
9.							

10.	PROPERTY LOCATION Spruill Ave.		SUBDIVISION	
11.	Lot	Block	Tract No	Parcel No	Other
12.	ACREAGE: High Land 0.46	Marsh Land —	Total Acres 0.46	ACREAGE TAKEN FROM: DEED ( ), PLAT (✓), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage [illegible] x [illegible] x x x x x x			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER
14.	PLATS RECORDED IN AO-62, P120-222			
15.				

16.	YEAR ASSESSMENT FOR	1979	COMPUTERIZED								
17.	LAND ASSESSMENT $		JUN 2 8 1993		COMPUTERIZED						
18.	BUILDING ASSESSMENT $										
19.	TOTAL ASSESSMENT $	*	BY: P.A.E. 10-14-93 [illegible]		VERIFIED		CHECKED 3/13/80 [illegible]				X
20.	NUMBER OF BUILDINGS		5-9-94 [illegible]				5-10-94				
21.	TOTAL APPRAISED VALUE $						1-1-97 [illegible]				

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE TMS BLOCK LOT
23.						
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE# 19--Separated from 466-3-0-161 per Plat AO-62 for 1980. Previously assessed in 7.8 ac. High and 2.8 ac. Marsh= total of 10.60 ac. High and Marsh. jmw 2-21-80

LINE #6--Deed is for TMS# 466-3-0-159 & 164. bsk 10-13-93

LINE #1--Previously mapped as North Charleston PSD, district 4-1, annexed into the City of North Charleston, district 4-3, for 1994 by ordinance no. 1993-38, ratified on 12-29-93. 3/18/94 cdf

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 49

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North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4660300160

PARCEL ID:	4660300160
STREET NUMBER:	2665
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PT TR B
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	41
JURISDICTION:	CTA
PLAT BOOK:	P-114
OWNER ON 1ST:	EASON LEASING COMPANY INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/16/1996
DEED BOOK:	J269-074
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 70040
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29415-0040
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	15000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	59700
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 3 — 0	LOT 1 0	GEOGRAPHICAL AREA	NORTH CHARLESTON			TAX DISTRICT NO. 4	
2.	TITLE OF OWNERSHIP		DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	DELHI-TAYLOR OIL CORP.		11-62	H78	155			
4.	HESS OIL AND CHEMICAL CORP.	①	4-63	W78	215B	✓		
5.	CRONAN, William J., Jr.		6-7-78	Z115	248	19,700	3	1101 Le Vista Ave, Orange TX 39567
6.	EASON LEASING COMPANY, INC.		5-21-96	J269	074	15,000		P.O. Box 70040 Chas SC 29415-0040
7.								
8.								
9.								

10. PROPERTY LOCATION: [illegible] SUBDIVISION

11. Lot | Block | Tract No PART B | Parcel No | Other

12. ACREAGE: High Land | Marsh Land | Total Acres — ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 100 X 100 X .00 X 1 1. X X X X

14. PLATS RECORDED IN P-114, H78-155 — COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER —

15. TRACT B 0 24 AC P 114 X

16.	YEAR ASSESSMENT FOR	1970			COMPUTERIZED							
17.	LAND ASSESSMENT $	50			5-21-95 BR							
18.	BUILDING ASSESSMENT $	750								MAY 31 1996		
19.	TOTAL ASSESSMENT $	800										
20.	NUMBER OF BUILDINGS	2								COMPUTERIZED		
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 227 BLOCK 9 LOT 3
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #15--Part Tract B on 466-3-0-159

APPROVED PLAT

EXEMPT FROM SECTION II OF SUBDIVISION REGULATIONS

SECTION I.B.2.

CHARLESTON COUNTY PLANNING BOARD

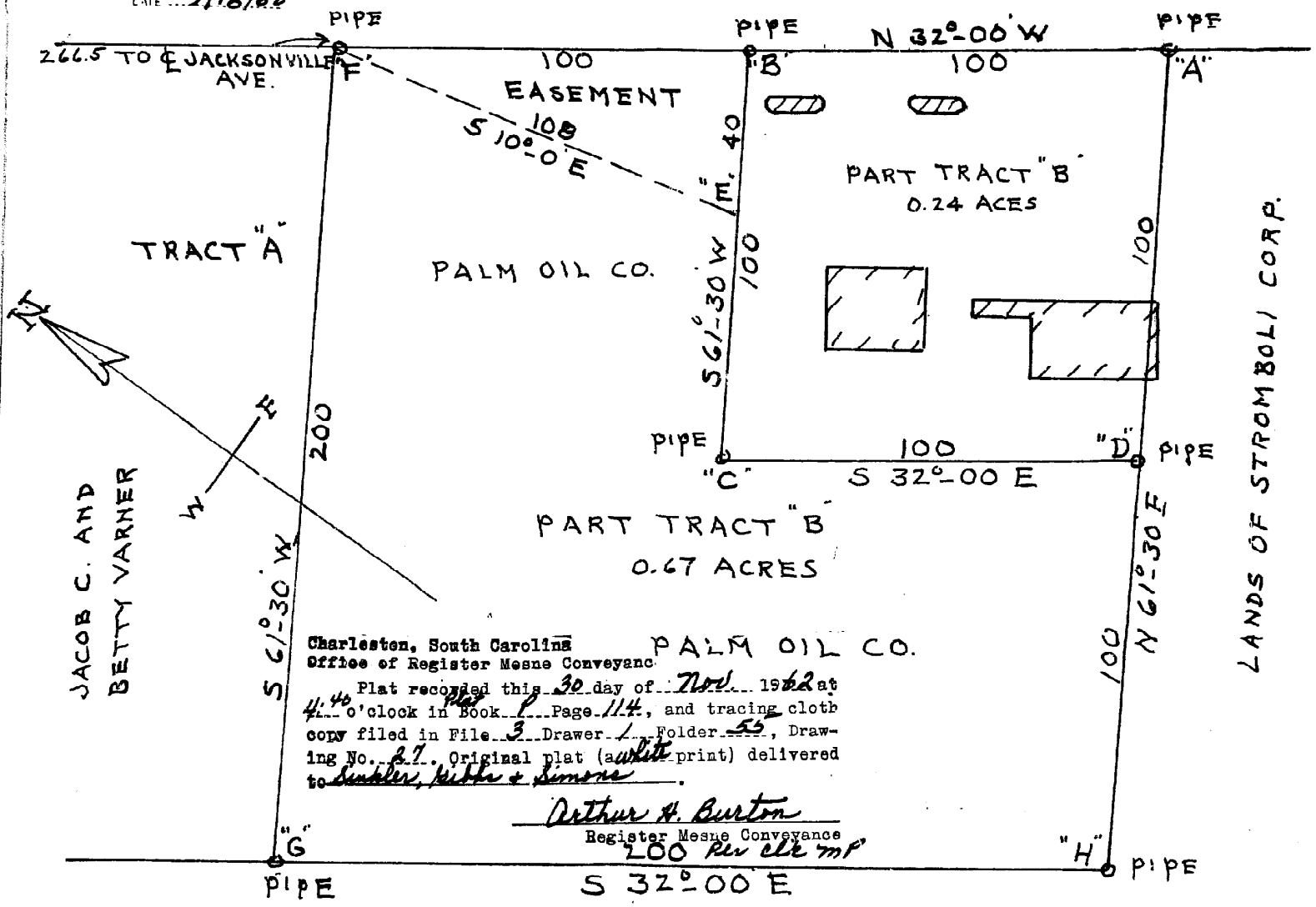
Dudley S. Hind

DIR. OF PLANNING

DATE 9/18/62

BOOK H 78 PAGE 155

SPRUILL AVE. 75' WIDE



Charleston, South Carolina
Office of Register Mesne Conveyance

Plat recorded this 30 day of Nov. 1962 at 4:40 o'clock in Book P Page 114, and tracing cloth copy filed in File 3 Drawer 1 Folder 55, Drawing No. 67. Original plat (a white print) delivered to Sinkler, Gibbs & Simons.

Arthur H. Burton
Register Mesne Conveyance

200 Rec clk mf

LANDS OF STROMBOLI CORP.

PLAT OF A PART OF TRACT "B" ON SPRUILL AVENUE, CHARLESTON COUNTY, S.C. LETTERED "A"-"B"-"C"-"D", AND AN EASEMENT, LETTERED "B"-"F"-"E", AS SHOWN ON A PLAT RECORDED IN BOOK V-68 PAGE 44. ABOUT TO BE CONVEYED BY PALM OIL CO. TO DELHI-TAYLOR OIL CORP.

SCALE 1"=30' SEPT. 7, 1962 BY Joseph Feedle C.E.

I HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN ON THIS PLAT, THAT SAID PLAT SHOWS THE TRUE DIMENSIONS OF SAID PROPERTY, AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED. Joseph Feedle C.E

THERE IS NO ERROR IN CLOSURE. AREA "A"-"B"-"C"-"D". Joseph Feedle C.E. REG. SURV. NO. 29.

Tract 50

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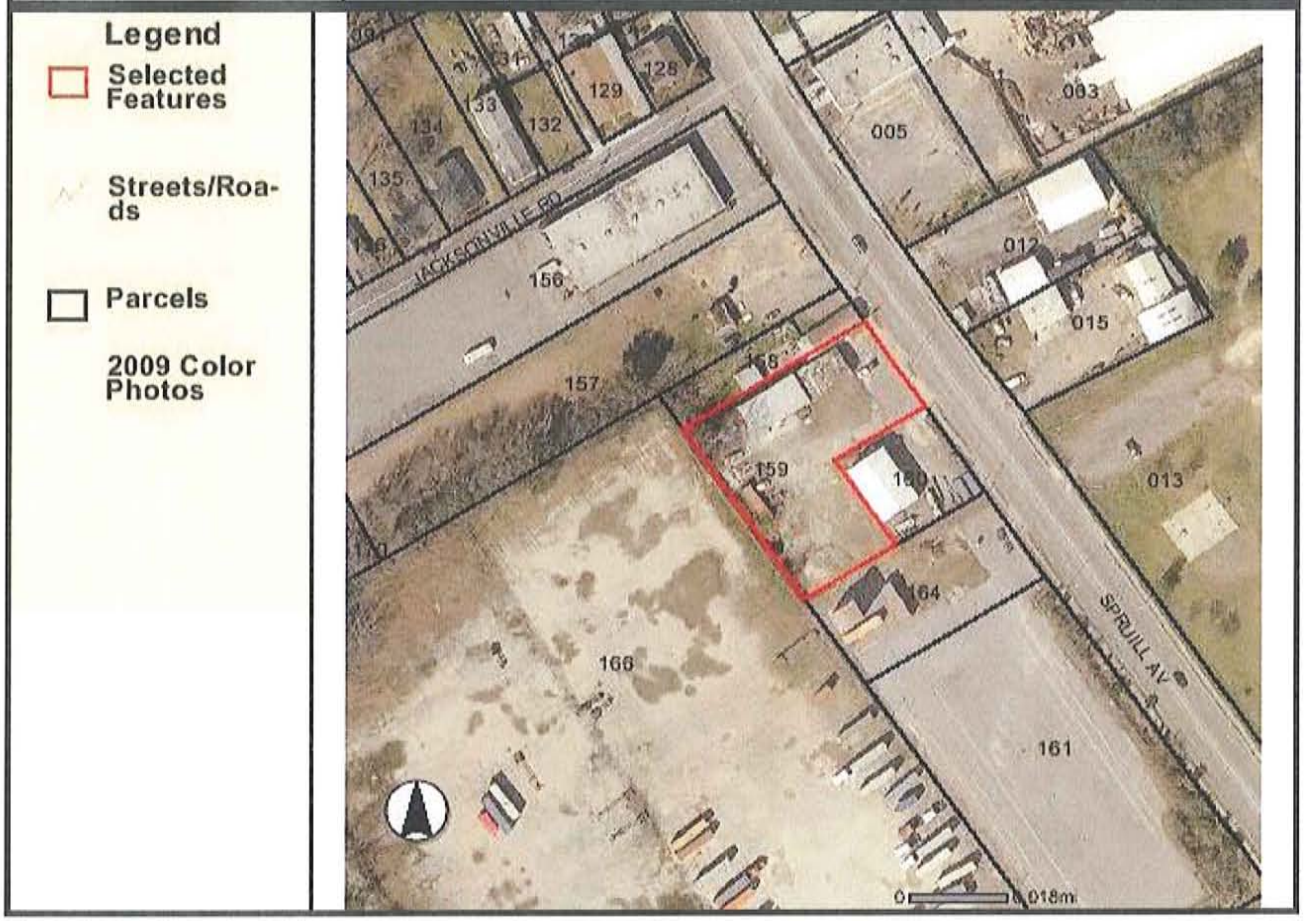
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660300159

PARCEL ID:	4660300159
STREET NUMBER:	2667
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PT TR B
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	P-114
OWNER ON 1ST:	2667 SPRUILL AVE LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	10/11/2006
DEED BOOK:	R601-123
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 93
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29402-0093
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	262000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	111000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 3 — 0	LOT 151	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON				TAX DISTRICT NO. 4-3	X
2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	PALM OIL CO.							
4.	PETROLEUM EQUIPMENT CO., INC.	10-31-63	X77	93	✓			
5.	D & S EQUIPMENT COMPANY, INC.	10-29-74	N105	418	75,000	3	2667 Spruill Ave, Chas, S.C. 29405	
6.	MCKENZIE, Rodhea L. DBA RODEO LEASING	3-9-84	P135	240	35,655		" " " "	
7.	RODEO LEASING, INC.	6-9-93	Z227	274	25,000		75 Spring Grove Boneau 29431 SC	
8.	LOW COUNTRY MARKETING, INC.	10-1-93	T232	306	25,000		118 Berkshire 29190	X
9.								

10.	PROPERTY LOCATION [illegible]		SUBDIVISION	
11.	Lot	Block	Tract No PART B	Parcel No	Other
12.	ACREAGE High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )
13.	MEASUREMENTS: Road Frontage	100 x 100 x 100 x 100 x 100 x 200 x		X
14.	PLATS RECORDED IN P-114, H78-155			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER
15.	PT TRACT B 0 67 ACRES P 114			

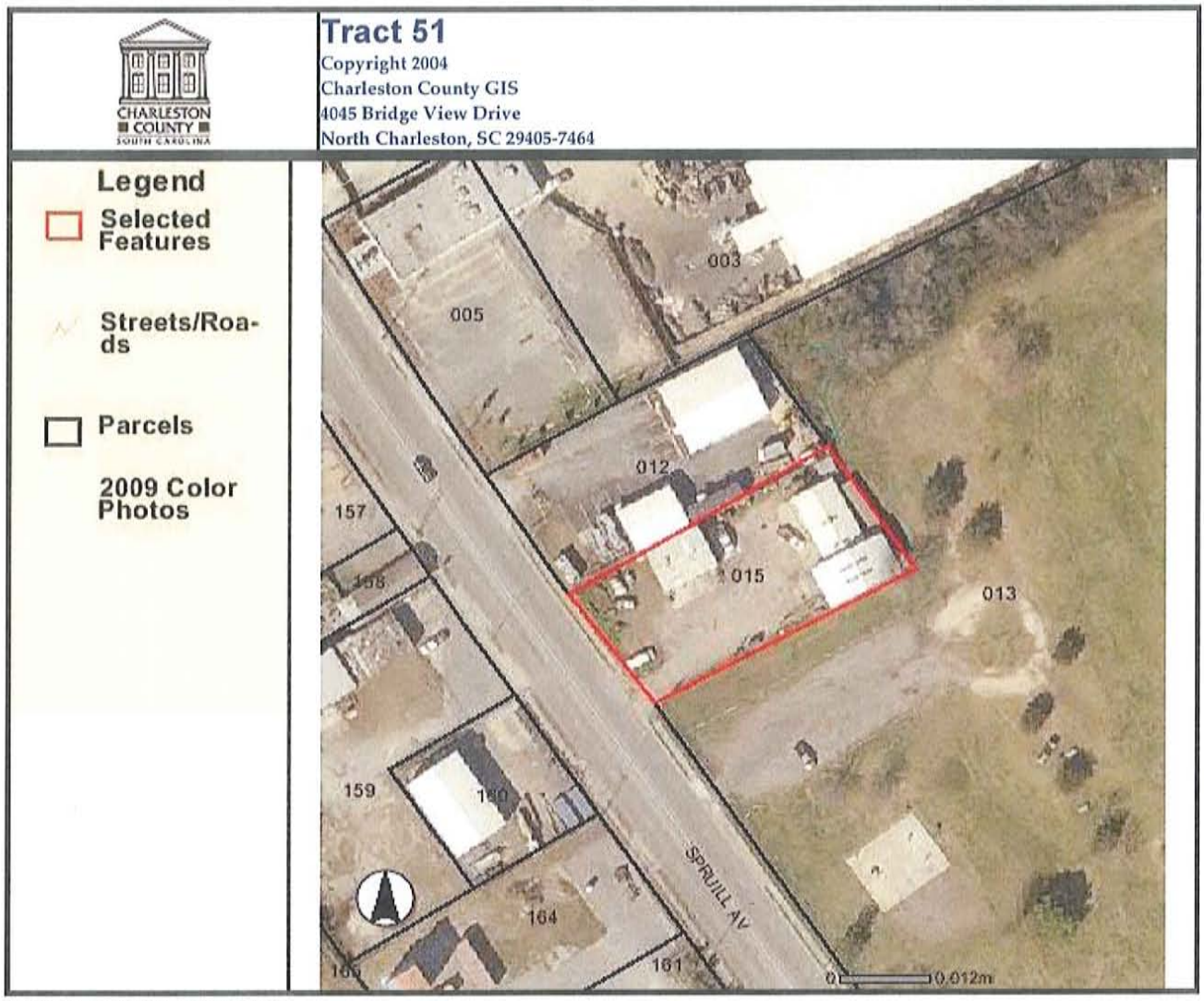
16.	YEAR ASSESSMENT FOR	1970	COMPUTERIZED		COMPUTERIZED						
17.	LAND ASSESSMENT $	50	JUN 2 8 1993		SEP 2 6 1984					CHECKED	
18.	BUILDING ASSESSMENT $	1120			PAE					9/28/84	
19.	TOTAL ASSESSMENT $	1170	BY: P. A. E.		By 5-9-94 BT					5-10-94	X
20.	NUMBER OF BUILDINGS	1	10-14-93 BT								
21.	TOTAL APPRAISED VALUE $										

	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
22.						TMS 227 BLOCK 9 LOT 3A
23.						
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--File #2322 dtd 7-29-67, for 1967 asmt change

LINE #8--Deed is for TMS# 466-3-0-159 & 164. bsk 10-13-93

LINE #1--Previously mapped as North Charleston PSD, district 4-1, annexed to City of North Charleston, district 4-3 for 1994 by ordinance no. 1993-38, ratified on 12-29-93. 3/18/94 cdf



PARCEL NUMBER : 4660400015

PARCEL ID:	4660400015
STREET NUMBER:	2664
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PARCEL 2 PART STROMBOLI TRACT
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	41
JURISDICTION:	CTA
PLAT BOOK:	AY-163
OWNER ON 1ST:	GREGORY ALLYSON D
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	12/23/1983
DEED BOOK:	D134-316
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	4991
MAIL STREET NAME:	HIGHWAY 162
MAIL UNIT:	
MAIL CITY:	MEGGETT
MAIL STATE:	SC
MAIL ZIP:	29449-5753
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	35000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	114200
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 04 — 00 **LOT** 15	**GEOGRAPHICAL AREA** NORTH CHARLESTON					**TAX DISTRICT NO.** 4-1	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	USRY, L. Edward and Thalia H. (1)	11-14-79	Y120	35				
4.	GREGORY, Allyson D.	12-29-83	D134	316	35,000	3	Hwy 162, Ellis. S. 29414	
5.								
6.								
7.								
8.								
9.								
10.	**PROPERTY LOCATION** Spruill Avenue						SUBDIVISION:	
11.	Lot Block	Tract No.			Parcel No. 2		Other PART STROMBOLI TRACT	
12.	**ACREAGE:** High Land Marsh Land Total Acres				**ACREAGE TAKEN FROM:** DEED ( ), PLAT (X) COMPUTATIONS ( )			
13.	**MEASUREMENTS:** Road Frontage 100.3 X 200 X 100 X 200 X X X X							
14.	PLATS RECORDED IN: AY-163, D134-298						**COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER** —	
15.								

16.	YEAR ASSESSMENT FOR:	1983										
17.	LAND ASSESSMENT $											
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	*										X
20.	NUMBER OF BUILDINGS											
21.	TOTAL APPRAISED VALUE $											

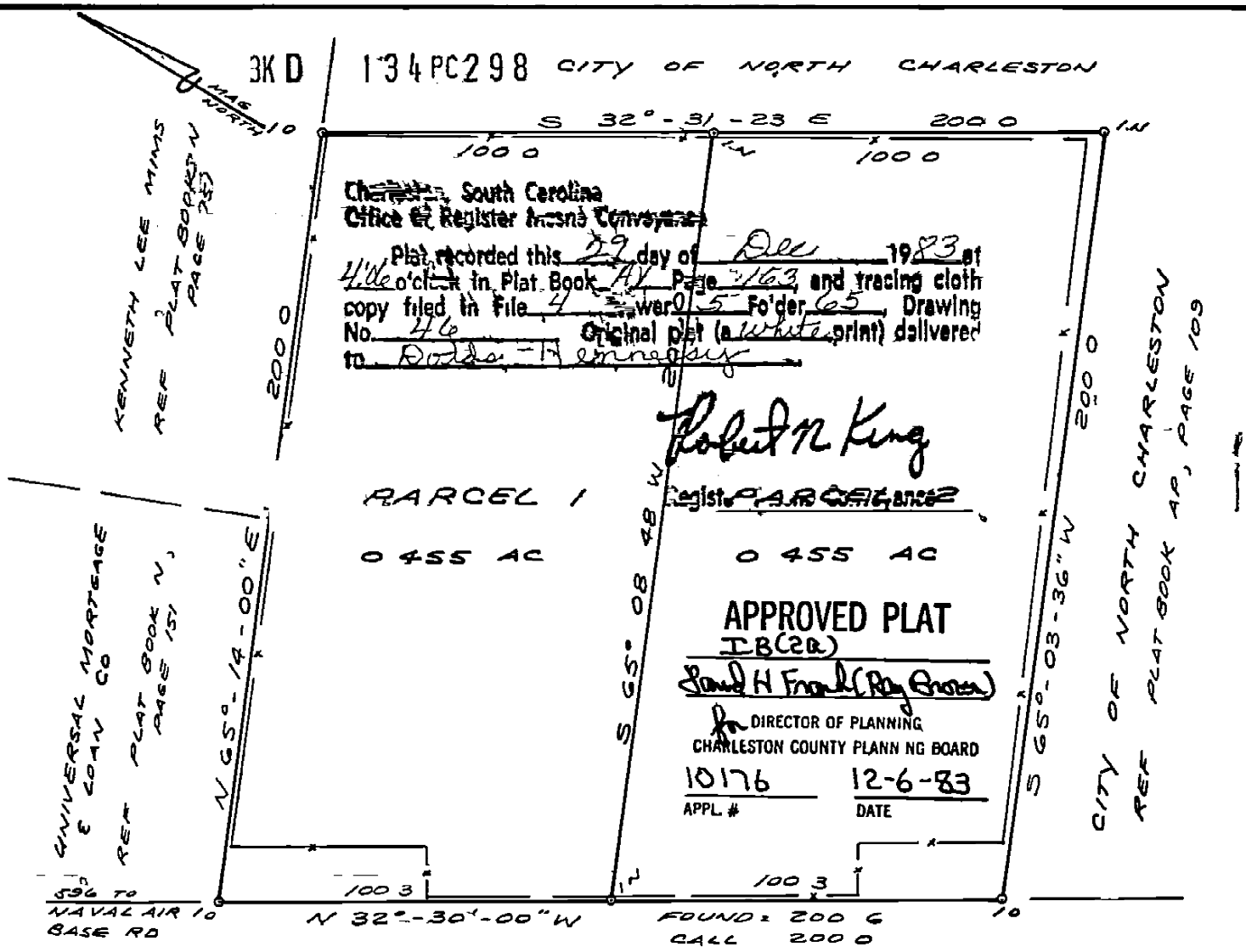
COMPUTERIZED

CHECKED 5/24/84 ARE

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE TMS / BLOCK / LOT
23.						
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE# 19--Separated from 466-4-0-12 per Plat AY-163 for 1984. Prev. assessed in 0.92 ac. high, 200 x 200, Part Stromboli Tract. jwc 4-5-84

BK D 134 PG 298 CITY OF NORTH CHARLESTON



SPRUILL AVENUE 75'

SURVEYOR'S CERTIFICATE

I CHARLES F DAWLEY JR A REGISTERED SURVEYOR IN THE STATE OF SOUTH CAROLINA DO HEREBY CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON, THAT THIS PLAT SHOWS ITS TRUE DIMENSION AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THE PRECISION IS 1/7500

SOUTH CAROLINA REGISTERED No 9314 LAND SURVEYOR CHARLES F DAWLEY JR

PLAT

OF THE SUBDIVISION OF A 0.91 ACRE TRACT OF LAND ON SPRUILL AVENUE, IN CHARLESTON COUNTY, S C

THIS PROPERTY IS PRESENTLY OWNED BY L EDWARD USRY & THALIA H USRY AND IS ABOUT TO BE CONVEYED TO THOMAS D EASON

SCALE 1" = 40'

0 20 40 80

10 30

NOVEMBER 16, 1983

REF PLAT BOOK "U" PAGE 138
TMS 466-04-00-012

Charles F Dawley Jr
CHARLES F DAWLEY JR
RLS No 9314

Tract 52

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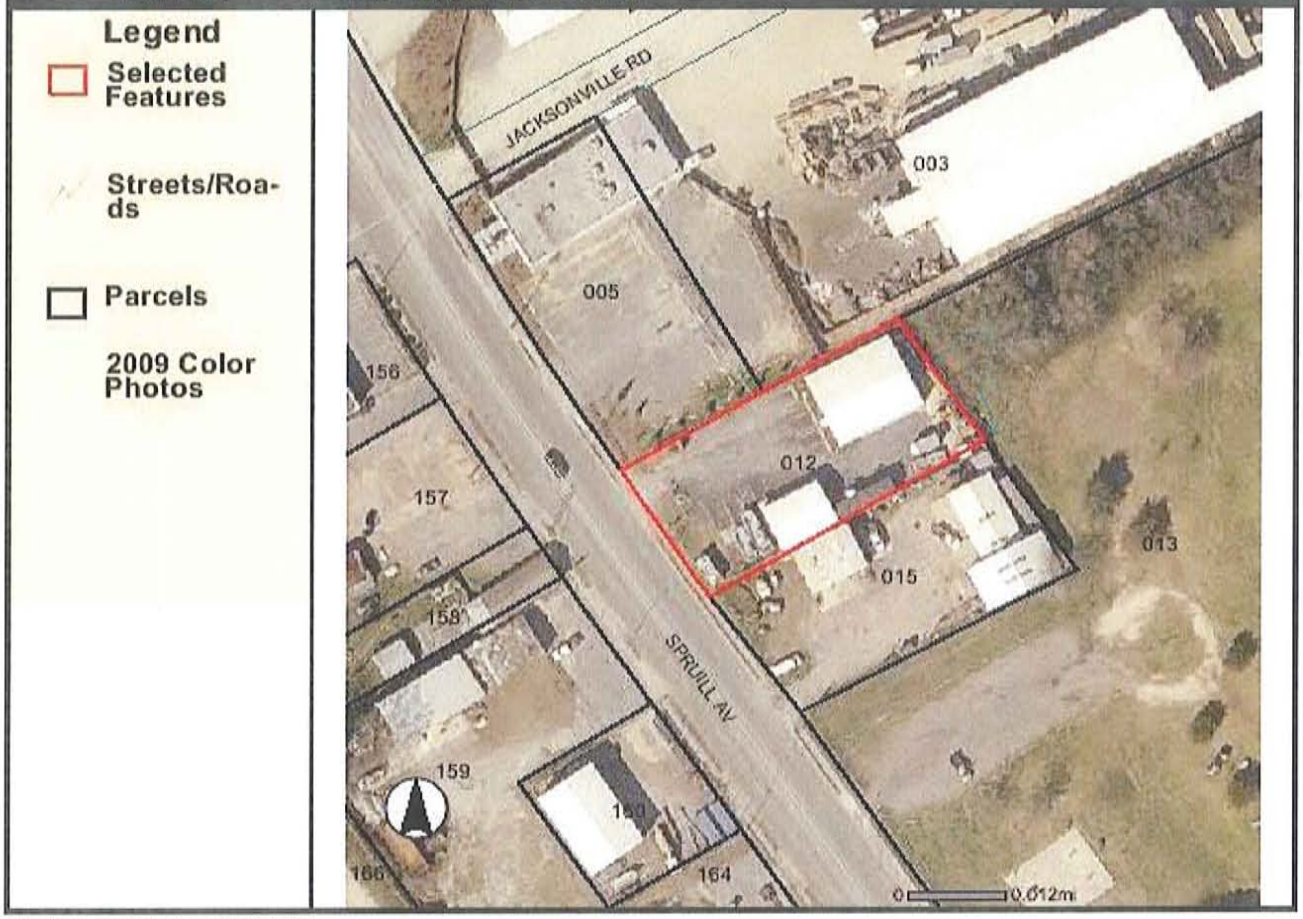
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660400012

PARCEL ID:	4660400012
STREET NUMBER:	2668
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PARCEL 1 PART STROMBOLI TRACT
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	41
JURISDICTION:	CTA
PLAT BOOK:	U-138
OWNER ON 1ST:	EASON HOLDING COMPANY INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/20/1996
DEED BOOK:	Y270-378
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 70040
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29415-0040
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	10
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	144500
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 04 — 00	LOT 12	GEOGRAPHICAL AREA NORTH CHARLESTON				TAX DISTRICT NO. 4-1
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	SOLOMON, Walter H., as Trustee	9-18-61	M74	378			
4.	USRY, L. Edward and Thalia H. (1)	11-14-79	Y120	35	40,000	3	1240 Fairmont Ave. Apt #9 Mt. Pleas. SC 29464
5.	EASON, Thomas D.	12-29-83	D134	315	35,000	3	15 Wyecreek Dr, Chas. SC 29412
6.	EASON HOLDING COMPANY, INC.	6-27-96	Y270	378			P.O. Box 70040, Chas. 29415
7.							
8.							
9.							

10. PROPERTY LOCATION: Spruill Avenue — SUBDIVISION:

11. Lot — Block — Tract No. — Parcel No. 1 — Other PART STROMBOLI TRACT X

12. ACREAGE: High Land — Marsh Land — Total Acres — ACREAGE TAKEN FROM: DEED ( ), PLAT (✓), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 100.3 x 200 x 100 x 200 x x x x

14. PLATS RECORDED IN: U-138, Y120-29 AY-163, D134-298 — COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15.

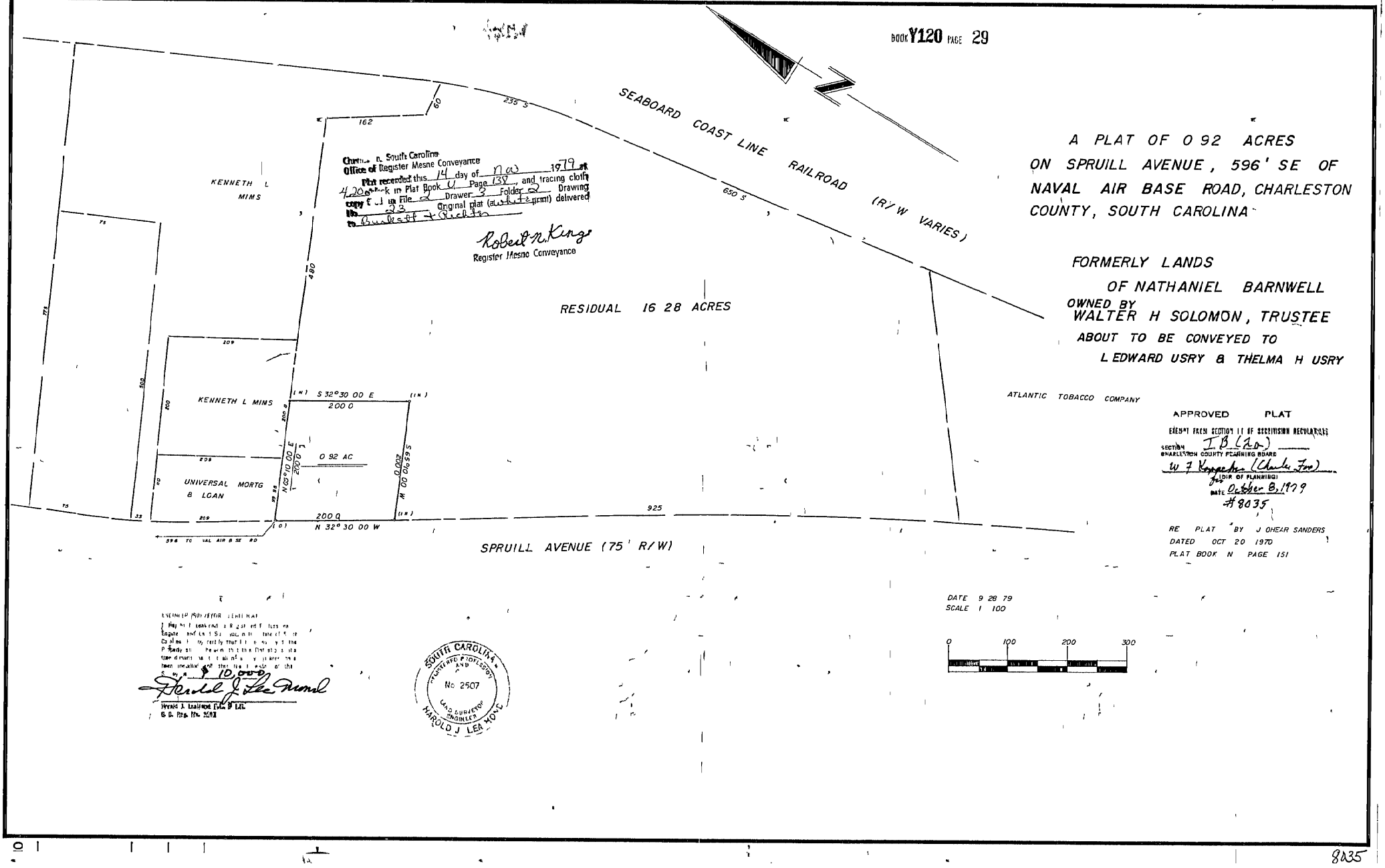
16.	YEAR ASSESSMENT FOR:	1979										
17.	LAND ASSESSMENT $				VERIFIED		CHECKED 3/13/80					
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	*			COMPUTERIZED		5/24/84	POE				X
20.	NUMBER OF BUILDINGS											
21.	TOTAL APPRAISED VALUE $				7-10-96							

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE # 19- Separated from 466-4-0-7 per Plat U-138 for 1980. Previously assessed in 17.2 ac. High, 1125 x 670 x 162 x - x 428. jmw 2-21-80

LINE# 11--Prev. mapped as 0.92 ac. high, 200 x 200, Part Stromboli Tract. Per Plat AY-163, subd. into Parcels 1 and 2 for 1984; See TMS# 466-4-0-15 for Parcel 2. Now legal for this card is Parcel 1, 100.3 x 200 x 100 x 200, Part Stromboli Tract. jwc 4-5-84

408-14-28



Charleston South Carolina
Office of Register Mesne Conveyance
Plat recorded this 14 day of Nov 1979 at 4:20 o'clock in Plat Book U Page 139, and tracing cloth copy of Drawing in File 2 Drawer 3 Folder 2 Original plat (or blueprint) delivered Nos 23 to Burkett & Richter

Robert N. King
Register Mesne Conveyance

A PLAT OF 0 92 ACRES ON SPRUILL AVENUE, 596' SE OF NAVAL AIR BASE ROAD, CHARLESTON COUNTY, SOUTH CAROLINA

FORMERLY LANDS OF NATHANIEL BARNWELL
OWNED BY
WALTER H SOLOMON, TRUSTEE
ABOUT TO BE CONVEYED TO
L EDWARD USRY & THELMA H USRY

APPROVED PLAT
EXEMPT FROM SECTION II OF SUBDIVISION REGULATIONS
SECTION I B (2a)
CHARLESTON COUNTY PLANNING BOARD
W F Kingsmore (Charles Fee)
for DIR OF PLANNING
DATE October 8, 1979
#8035

RE PLAT BY J OHEAR SANDERS
DATED OCT 20 1970
PLAT BOOK N PAGE 151

DATE 9 28 79
SCALE 1 100

0 100 200 300

ENGINEER/SURVEYOR CERTIFICATE

I, Harold J. Lea, Jr. and Associates, Engineers and Land Surveyors, do hereby certify that the property shown hereon is the result of a survey made by me on the 10th day of Oct A.D. 1979

Harold J. Lea Jr.
Harold J. Lea, Jr. and Assoc. P.A.
S.C. Reg. No. 2507

SOUTH CAROLINA REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR No 2507 HAROLD J LEA JR

8035

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 53

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North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4660300158

PARCEL ID:	4660300158
STREET NUMBER:	2669
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	TR A
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	A/P
OWNER ON 1ST:	MILTON JAMES
OWNER2 ON 1ST:	CLARA F

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	5/31/1996
DEED BOOK:	Z269-569
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	1982
MAIL STREET NAME:	ECHO AVE
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8130
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	38000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	48900
BUILD COUNT:	2
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 3 — 0	LOT 158	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON					TAX DISTRICT NO. 4-3	X
2.	TITLE OF OWNERSHIP		DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	STROMBOLI CORP.								
4.	VARNER, Jacob C. and Betty T.	(1)	11-30-59	V68	41				
5.	VARNER, Betty T.		1989	89E	727	By Will		2040 Hampton Ave. Chas Hgts 29405 1982 Bell Hts (1960) 29405	
6.	MILTON, James and Clara F.		6-5-96	Z269	569	38,000			
7.									
8.									
9.									

10.	PROPERTY LOCATION 2669 Spruill Ave.			SUBDIVISION	
11.	Lot	Block	Tract No A	Parcel No	Other
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )	
13.	MEASUREMENTS: Road Frontage 40 x 200 x 40 x 200 x			x	x x
14	PLATS RECORDED IN Aerial Photo			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER	
15.	TRACT A o 18 ACRES			CONVERTED 4-5-94 dlg	

16.	YEAR ASSESSMENT FOR	1970										
17.	LAND ASSESSMENT $	100	COMPUTERIZED								CHECKED 2-9-90	
18.	BUILDING ASSESSMENT $	500	JAN 24 1990									
19.	TOTAL ASSESSMENT $	600	By DOE									XX
20.	NUMBER OF BUILDINGS	1	6 18 96 bla									
21.	TOTAL APPRAISED VALUE $											

	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
22.						TMS 227 BLOCK 9 LOT 2
23.						
24.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS
25.						

LINE #19--File #2028 dtd 6-22-70, for 1970 asmt change

LINE #1--Previously mapped as North Charleston PSD, district 4-1, annexed to City of North Charleston, district 4-3, for 1994 by ordinance no. 1993-38, ratified on 12-29-93. 3/18/94 cdf

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 54

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4045 Bridge View Drive
North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4660300157

PARCEL ID:	4660300157
STREET NUMBER:	2671
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	MAPPUS
LEGAL DESCRIPTION:	LT B-1
LGL HI ACRES:	1.22
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	1.22
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	Y-111
OWNER ON 1ST:	HLM AND ASSOCIATES LP
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	9/1/1998
DEED BOOK:	M311-123
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2681
MAIL STREET NAME:	SPRUILL AVE
MAIL UNIT:	
MAIL CITY:	N CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8335
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	1
MULT LOT:	6
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	133200
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 3 — 0	LOT 157	GEOGRAPHICAL AREA		NORTH CHARLESTON			TAX DISTRICT NO.	4-3
2.	TITLE OF OWNERSHIP		DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	CONDON, Caroline I.								
4.	MIMS, Harold L., Jr. (1)		12-12-67	H89	39	✓			
5.	HLM and ASSOCIATES L.P.		9-24-98	M311	123			2681 Spruill Ave. N. Chas. S.C.29405	
6									
7.									
8.									
9.									

10. PROPERTY LOCATION [illegible] SUBDIVISION MAPPUS

11. Lot Block Tract No B-1 Parcel No Other

12. ACREAGE High Land 1.22 Marsh Land Total Acres 1.22 ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 112.65 x 513.79 x 113.58 x 509.30 x x x x

14. PLATS RECORDED IN Y-111 DC-823, Y374-037, COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER

15. LT B MAPPUS SUB Y 111 1.97 ac

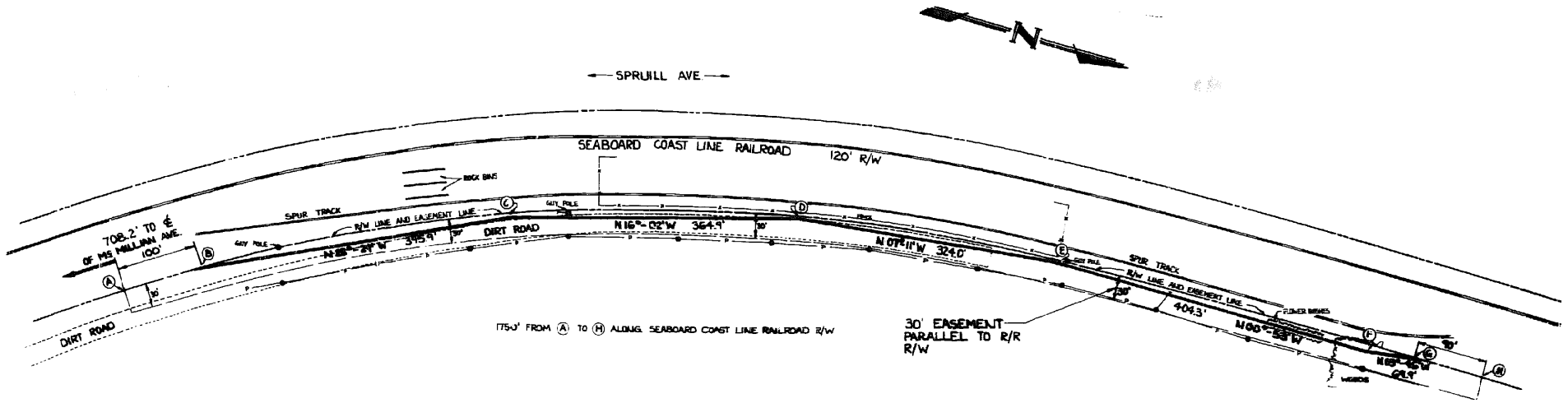
16.	YEAR ASSESSMENT FOR	1970										
17.	LAND ASSESSMENT $	600			COMPUTERIZED							
18.	BUILDING ASSESSMENT $	19500			5-21-95 BC							
19.	TOTAL ASSESSMENT $	20000										
20.	NUMBER OF BUILDINGS	1										
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 227 BLOCK 9 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--File #2382 dtd 6-22-70, for 1970 asmt change.

LINE#5 --Deed M311-123 is for 10, lots Deed is also selling PID#352-08-00-180 and 181, those two number are not good numbers 9-29-98 lbs

LINE# 1--Prev. mapped as Lot B, 1.97 ac. hi. By Plat DC-823, portion seperated for new PID# 466-03-00-170 for 2002, New acreage for this card is 1.22 ac. hi. Tract B-1. Mappus 10-22-01 lbs



LEGEND

——— R/W LINE
━━━ PROPOSED SEWER
– – – EASEMENT LINE
—P—●—P—●— POWER LINES & POLES

I HEREBY CERTIFY THE ABOVE SURVEY AND PLAT TO BE CORRECT

S.C. REG. NO. 1573

PLAT

SHOWING

EASEMENT FOR SANITARY SEWER

TO BE ACQUIRED BY

NORTH CHARLESTON CONSOLIDATED PUBLIC SERVICE DISTRICT

FROM

CITY OF CHARLESTON

LOCATED

CHARLESTON COUNTY, S.C.

SCALE: 1"=100' DATE: DEC., 1968

DAVIS & FLOYD ENGR. INC.

CHARLESTON, S.C.

#19

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 55

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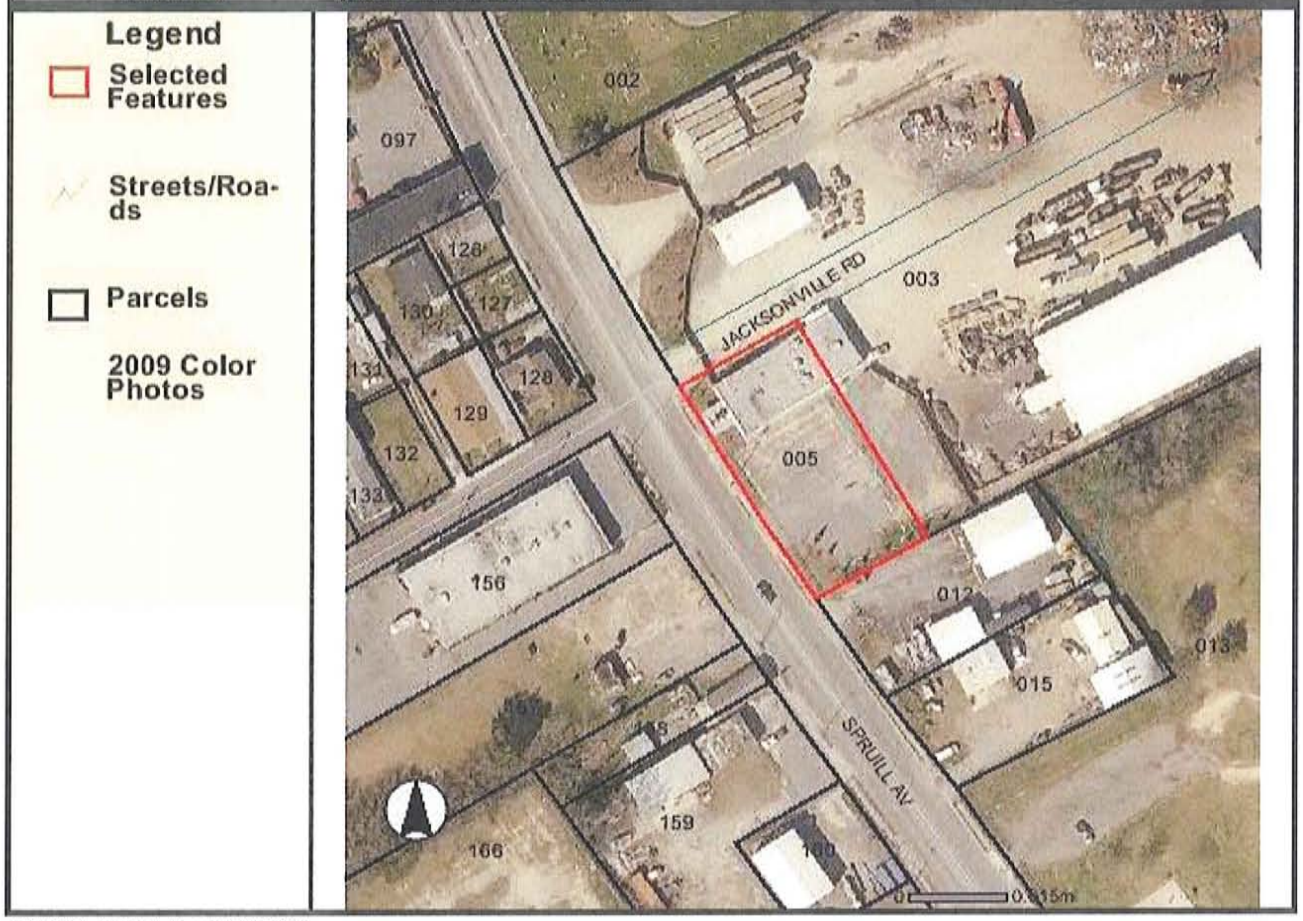
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660400005

PARCEL ID:	4660400005
STREET NUMBER:	2700
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PT LT 33 STROMBOLI
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	N-151
OWNER ON 1ST:	MIMS AMUSEMENT COMPANY
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	6/29/2009
DEED BOOK:	0064-806
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2681
MAIL STREET NAME:	SPRUILL AVE
MAIL UNIT:	
MAIL CITY:	N CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8335
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	1
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	348000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 4 — 0 LOT 5	GEOGRAPHICAL AREA			NORTH CHARLESTON		TAX DISTRICT NO.	4-1
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	CONDON, Wm. F., Sr.							
4.	UNIVERSAL MORTGAGE AND LOAN CO. (D)	1-60	Y68	379				
5.								
6.								
7.								
8.								
9.								

10. PROPERTY LOCATION: Sprunill Avenue — SUBDIVISION:

11. Lot: PART 33 — Block: — Tract No. — Parcel No. — Other: STROMBOLI X

12. ACREAGE: High Land — Marsh Land — Total Acres — ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 208.7 x 109.9 x 214.8 x 99.7 x x x x

14. PLATS RECORDED IN: F-136, N-151

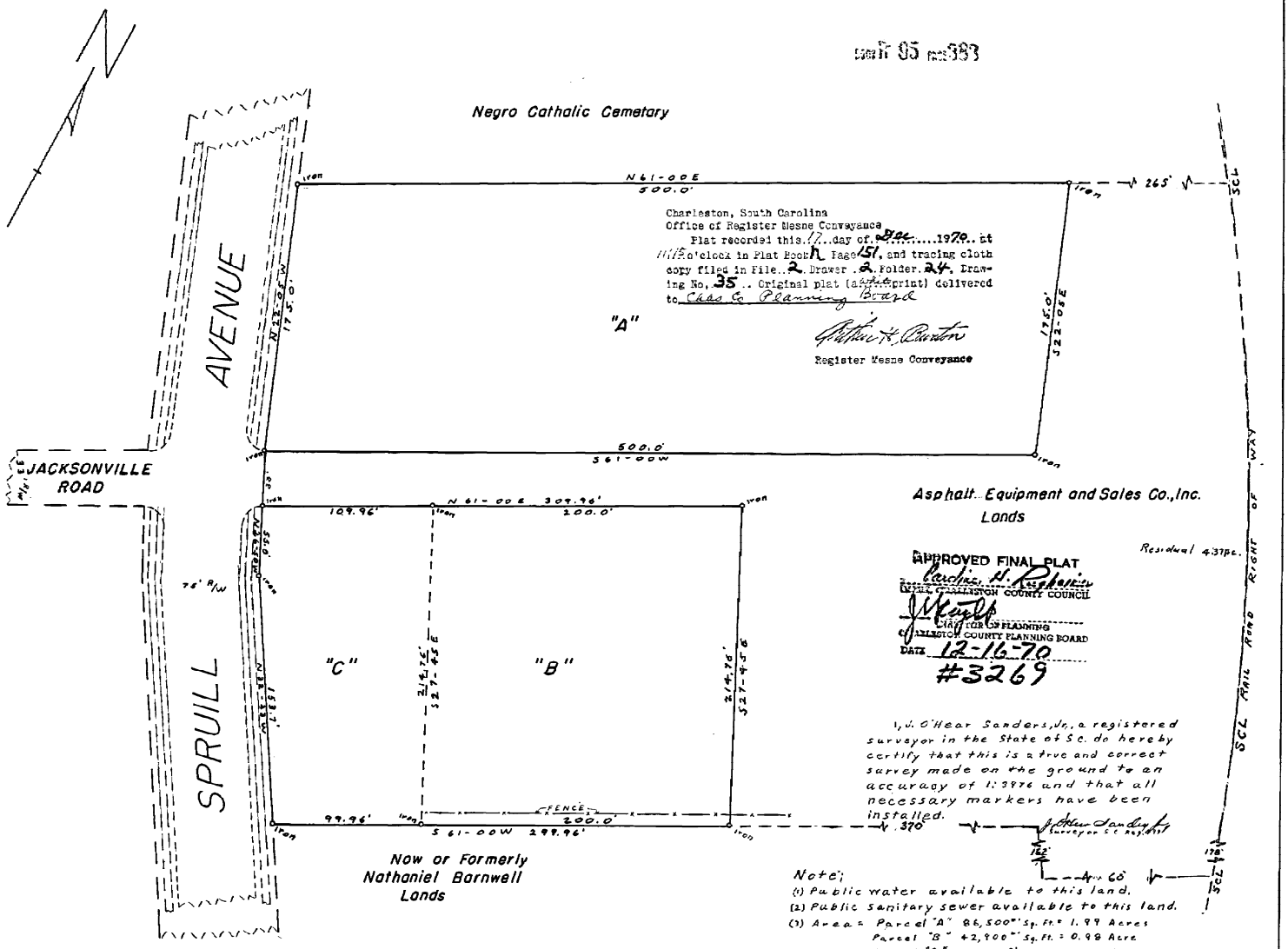
15. PT LT 33 STROMBOLI — COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	150										
18.	BUILDING ASSESSMENT $	3000										
19.	TOTAL ASSESSMENT $	3150										
20.	NUMBER OF BUILDINGS	1										
21.	TOTAL APPRAISED VALUE $											

COMPUTERIZED 5-21-95 BL

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 227 BLOCK 10 LOT 2
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #11--By plat N-151 this lot is also known as TRACT C



I, J. O'Hear Sanders, Jr., a registered surveyor in the State of S.C. do hereby certify that this is a true and correct survey made on the ground to an accuracy of 1:3976 and that all necessary markers have been installed.

J. O'Hear Sanders Jr.
Surveyor S.C. Reg. 499

Note;
(1) Public water available to this land.
(2) Public sanitary sewer available to this land.
(3) Area = Parcel "A" 86,500 Sq. Ft. = 1.99 Acres
Parcel "B" 42,900 Sq. Ft. = 0.98 Acre
Parcel "C" 22,737 Sq. Ft. = 0.52 Acre
Total 152,137 Sq. Ft. = 3.49 Acres
Residual 190,720 = 4.37 Acres
(4) Locating information, Plat by William Hume Simmons Dated Sept. 1875 and recorded in the R.M.C. office in Can "C", Plat by Fred J. Smith Eng. in 1879 and recorded in the R.M.C. Office in Plat Book C, Page 114, also plat by Gedney M. Howe Eng. and Surveyor dated Oct. 14, 1942 and recorded in R.M.C. Office in Plat Book F, Page 136
(5) Parcel "B" is not created as a seperate building Lot but is to be attached to and made part of Parcel "C"

State of South Carolina
County of Charleston

Showing Tracts "A" and "B" about to be conveyed by Asphalt Equipment and Sales Co., Inc. to Kenneth L. Mims. Tract "C" owned by Kenneth L. Mims.

Oct. 20, 1970

J. O'Hear Sanders, Jr.
Surveyor S.C. Reg. 499

Scale 1" = 50'

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 56

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North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4660300156

PARCEL ID:	4660300156
STREET NUMBER:	2681
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	COR JACKSONVILLE RD
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	MAPPUS
LEGAL DESCRIPTION:	LT A-1
LGL HI ACRES:	1.23
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	1.23
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	Y-111
OWNER ON 1ST:	HLM AND ASSOCIATES LP
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	9/1/1998
DEED BOOK:	M311-123
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2681
MAIL STREET NAME:	SPRUILL AVE
MAIL UNIT:	
MAIL CITY:	N CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8335
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	1
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	374000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

T. M. No. 466 — 3 — 0 | LOT 15% | GEOGRAPHICAL AREA NORTH CHARLESTON | TAX DISTRICT NO. 42

TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
MIMS, Harold L., Jr.						
SOUTH ATLANTIC NAFINO, INC.	6-4-69	S92	86	✓		
MIMS, Harold L. Jr.	9-24-98	M311	195			
HIM and ASSOCIATES L.P.	9-24-98	M311	123			2681 Sprull Ave. N. Chas. S.C.29405

PROPERTY LOCATION: [illegible] | SUBDIVISION: MAPPUS

Lot | Block | Tract No A-1 | Parcel No | Other

ACREAGE: High Land 1.23 | Marsh Land | Total Acres 1.23 | ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

MEASUREMENTS: Road Frontage 160.70 x 506.30 x 105.0 x 559.51 x x x x

COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

PLATS RECORDED IN Y-111 , DC-823, Y374-037,

LT A MAPPUS SUB Y 111 1.17 ac

YEAR ASSESSMENT FOR	1970										
LAND ASSESSMENT $	500										
BUILDING ASSESSMENT $						5-21-95 BL					
TOTAL ASSESSMENT $	500										
NUMBER OF BUILDINGS	0										
TOTAL APPRAISED VALUE $											

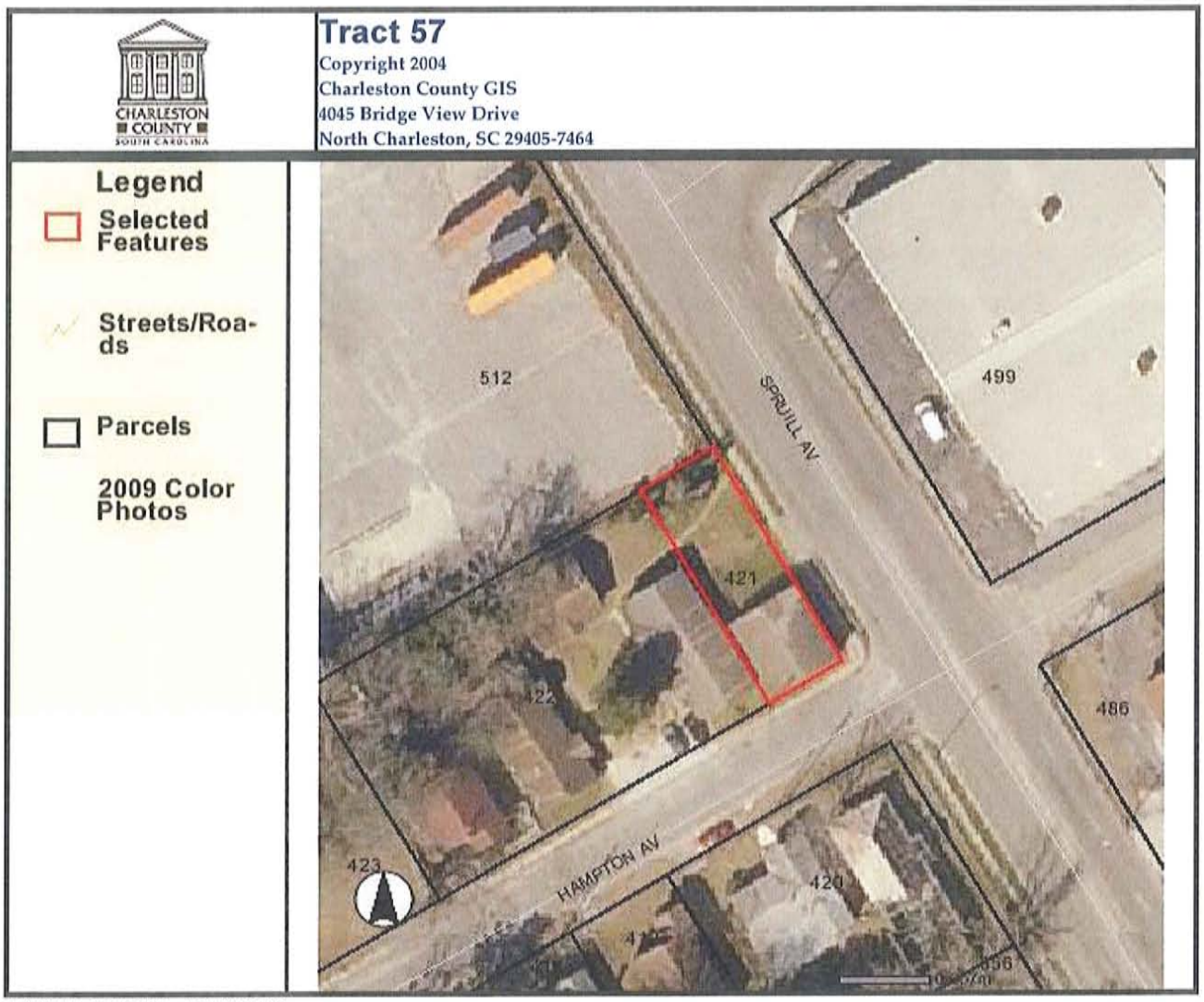
BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $

1960-68 TAX MAP CODE: TMS 227 BLOCK 9 LOT 1

"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE# 6--Deed M311-123 is for 10, lots Deed is also selling PID#352-08-00-180 and 181, those two number are not good numbers 9-29-98 lbs

LINE# 1--Prev. mapped as Lot A, 1.20 ac. hi. By resurvey Plat DC-823, acreage and legal change for 2002, New acreage and lega for this card is Tract A-1, 1.23 ac. MAPPUS 10-22-01 lbs



PARCEL NUMBER : 4660800421

PARCEL ID:	4660800421
STREET NUMBER:	2533
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	WINDSOR
LEGAL DESCRIPTION:	LT G BLK 27
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	C-170
OWNER ON 1ST:	2533 SPRUILL AVENUE LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	6/8/2005
DEED BOOK:	B542-319
WILL CODE:	
WILL DATE:	
C O NAME:	LOREN ZIFF
MAIL STREET NUMBER:	856
MAIL STREET NAME:	LOWCOUNTRY BLVD STE 101
MAIL UNIT:	
MAIL CITY:	MT PLEASANT
MAIL STATE:	SC
MAIL ZIP:	29464-3181
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	52900
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 8 — 0 LOT 421	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON					TAX DISTRICT NO. 4-3	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	LANGLEY, John C.		U55	199				
4.	LANGLEY, John C., Jr.	9-20-66v	K86	165		17		
5.	LANGLEY, Rebecca R.	6-19-79	M119	250			744 Mayfield Dr.	29412
6.								
7.								
8.								
9.								

10. PROPERTY LOCATION: Hampton & Spruill Ave. SUBDIVISION: WINDSOR

11. Lot G Block 27 Tract No. Parcel No. Other

12. ACREAGE: High Land Marsh Land Total Acres ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 34 x 105 x 35 x 105 x x x x

14. PLATS RECORDED IN: C-170 COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

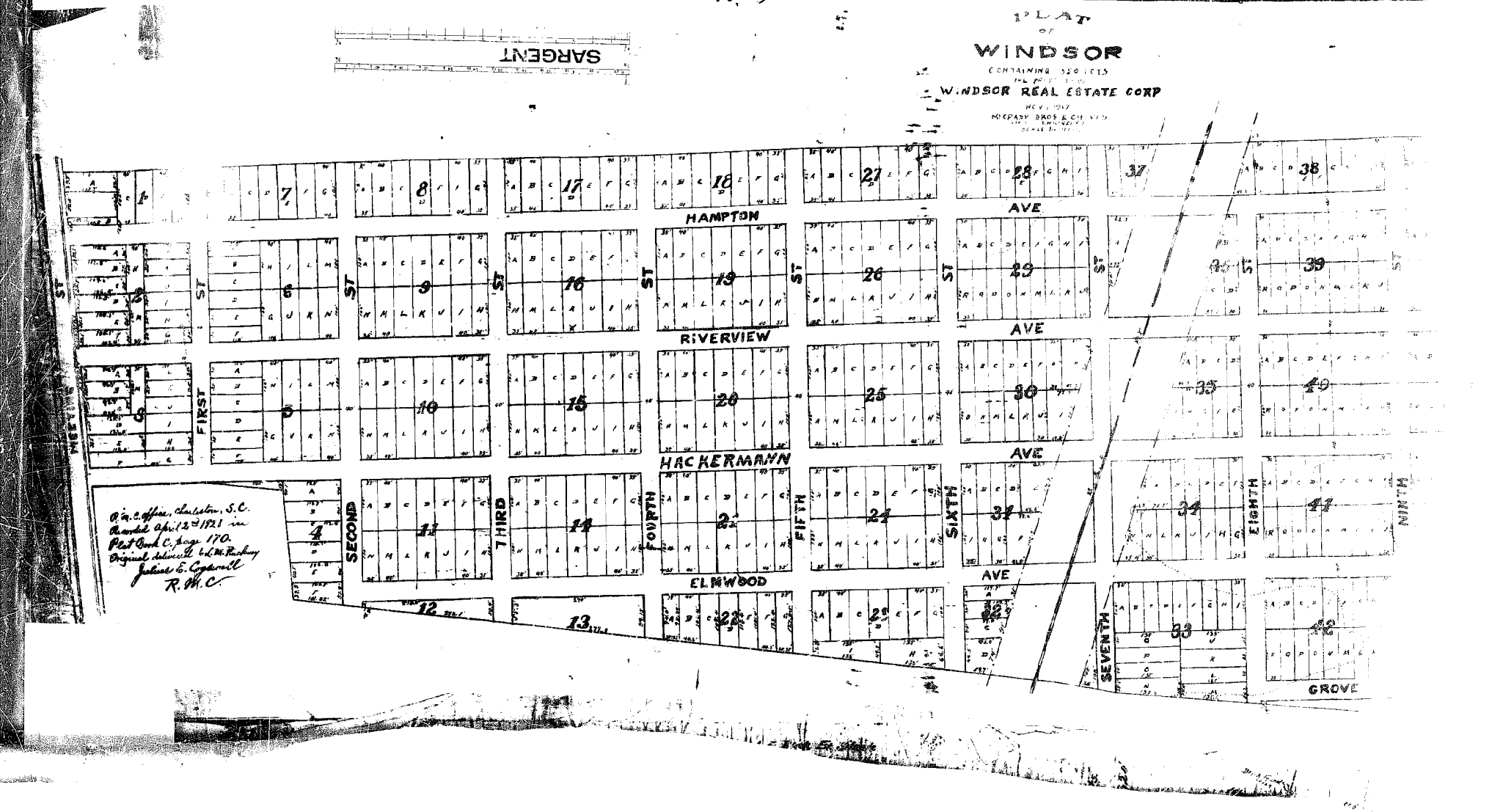
15. LT G BLK 27 WINDSOR C 170

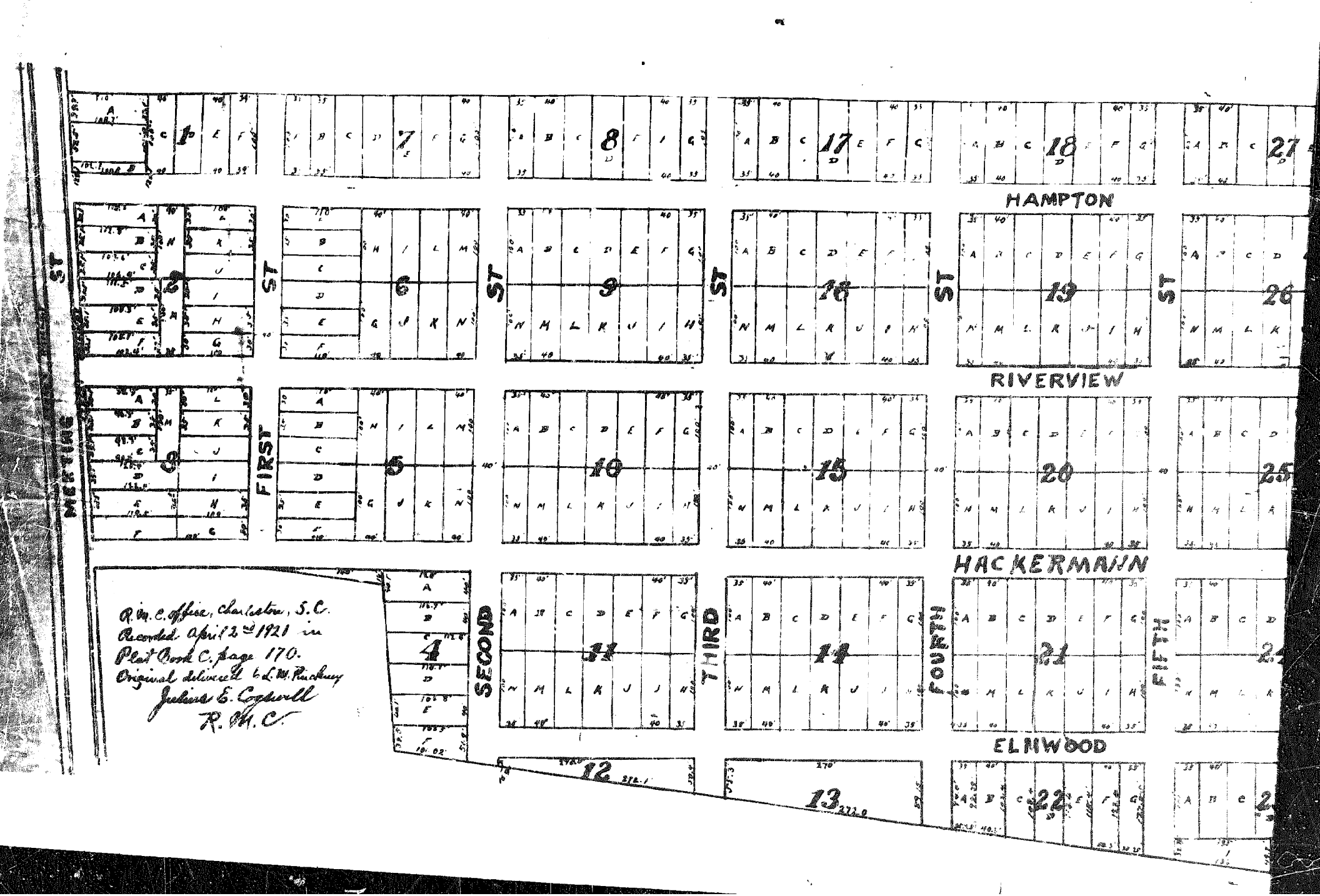
16.	YEAR ASSESSMENT FOR:	1970	COMPUTERIZED									
17.	LAND ASSESSMENT $	50	MAY 27 1988									
18.	BUILDING ASSESSMENT $	710	By PDE	COMPUTERIZED								
19.	TOTAL ASSESSMENT $	760		VERIFIED								X
20.	NUMBER OF BUILDINGS	1										
21.	TOTAL APPRAISED VALUE $											

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237A BLOCK 2 LOT 6
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--File #2091 dtd 7-24-67 for 1967 asmt change

LINE #1--Annexed into the City of North Charleston 4-3 from North Charleston 4-1 by Ratif. #1987-125 Sec. #24-D dated 12-30-87 for 1988. bt 5-26-88


PLAT
OF
WINDSOR
WINDSOR REAL ESTATE CORP
SARGENT
HAMPTON
AVE
RIVERVIEW
AVE
HACKERMANN
AVE
ELMWOOD
AVE
GROVE
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
SIXTH ST
SEVENTH ST
EIGHTH ST
MAIN
R.M.C. Office, Charleston, S.C.
Recorded April 2nd 1921 in
Plat Book C, page 170.
Original delivered to L.M. Rushing
Julius E. Cogswell
R.M.C.


MERRIMAC ST
FIRST ST
SECOND ST
THIRD ST
FOURTH ST
FIFTH ST
HAMPTON
RIVERVIEW
HACKERMANN
ELMWOOD
1
2
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4
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R.M.C. Office, Charleston, S.C.
Recorded April 2nd 1921 in
Plat Book C. Page 170.
Original delivered by L.M. Pinckney
Julius E. Caldwell
R.M.C.

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 58

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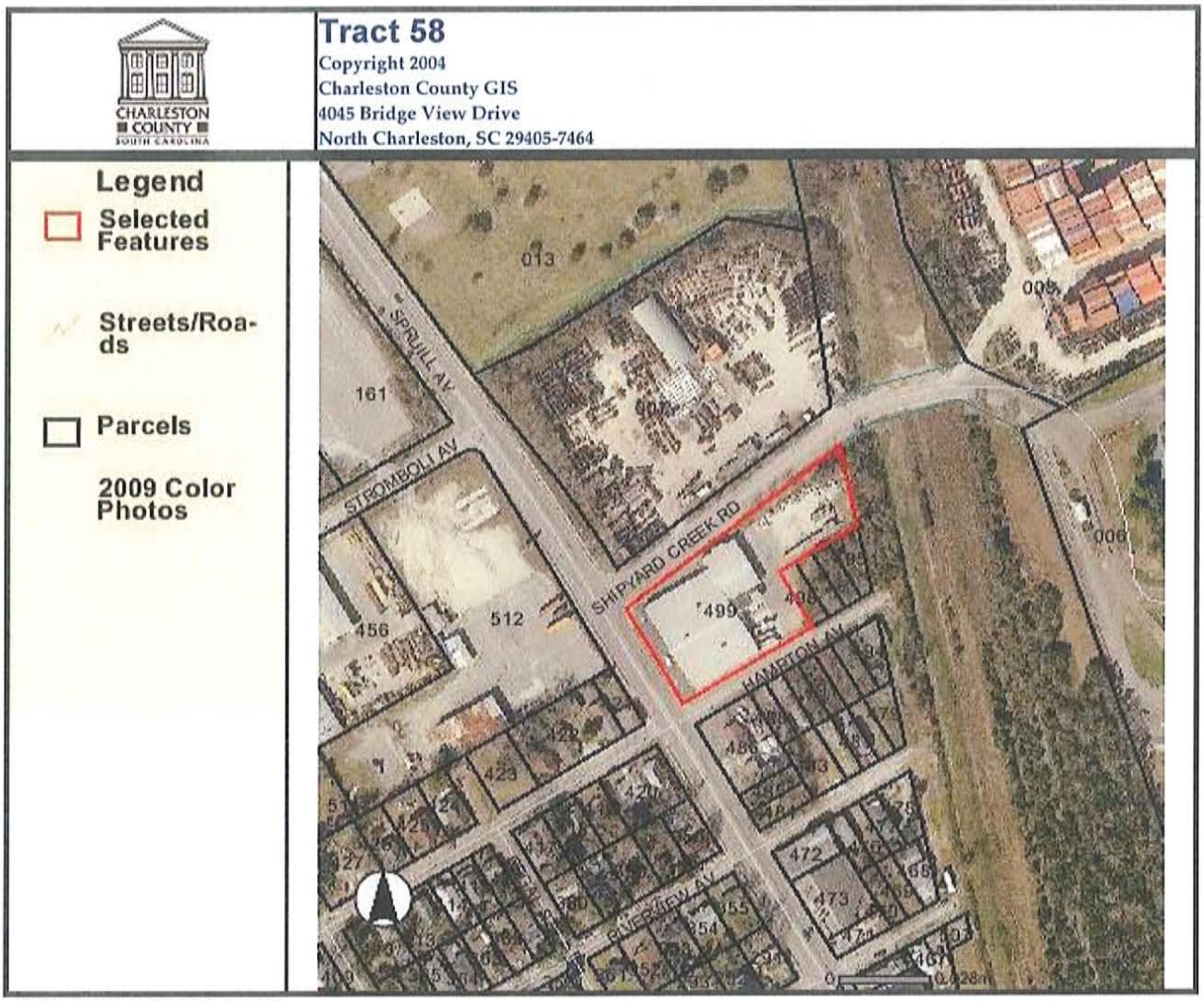
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660800499

PARCEL ID:	4660800499
STREET NUMBER:	2532
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	WHS
MOBILE HOMES:	0
SUBDIVISION:	HOWARD HEIGHTS
LEGAL DESCRIPTION:	LTS 48 THRU 54 & LT B BLK 28 WIND
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	U-156
OWNER ON 1ST:	SPADARO HOLDINGS I LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	12/14/2006
DEED BOOK:	V608-834
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	6899
MAIL STREET NAME:	PHILLIPS INDUSTRIAL BLVD
MAIL UNIT:	
MAIL CITY:	JACKSONVILLE
MAIL STATE:	FL
MAIL ZIP:	32256-3029
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	750000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	225500
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 8 — 0 LOT 499	GEOGRAPHICAL AREA CITY OF NORTH CHARLESTON					TAX DISTRICT NO. 4 3	
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	MARTIN, Carolina							
4.	LEVINE, Lilla G.	10-25-65v	D84	77	11,000	4		X
5.	ATLANTIC TOBACCO COMPANY OF SOUTH CAROLINA, INC.	2-1-73	B101	363	205,000	4	2532 Spruill Ave. 29405	
6.	NRR PROPERTIES	12-27-00	Z360	234	231,000		130 Linden Oaks Dr Rochester N.Y. 14625	
7.								
8.								
9.								

10. PROPERTY LOCATION: Spruill & Hampton Ave. SUBDIVISION:

11. Lot OVER * Block | Tract No. | Parcel No. | Other X

12. ACREAGE: High Land | Marsh Land | Total Acres | ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 178.5 x 428 x 1339 x 116 x 105 x 240 x x

14. PLATS RECORDED IN: F-155, C-170, U-156 | COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

15. LT 48 54 HOWARD HGTS F 155 LT B BLK 28 WINDSOR; PT STROMBOLI TRACT U 156 .90 ac

16.	YEAR ASSESSMENT FOR:	1970	1970									
17.	LAND ASSESSMENT $	230	730	COMPUTERIZED								
18.	BUILDING ASSESSMENT $	10570	10570	MAY 27 1988								
19.	TOTAL ASSESSMENT $	10800	11300	By [illegible]								X
20.	NUMBER OF BUILDINGS	1	1									
21.	TOTAL APPRAISED VALUE $			JAN 18 2001								

COMPUTERIZED

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237A BLOCK 3 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #4--Also deed C89-402 conveys Lots 48, 49 and 50 Howard Hgts. from Leon Weintraub. Also deed X85-3 dtd 6-30-66

LINE #11--Legal should read: Lots 48 thru 54 HOWARD HEIGHTS AND LOT B BLK 28 WINDSOR also PART STROMBOLI TRACT

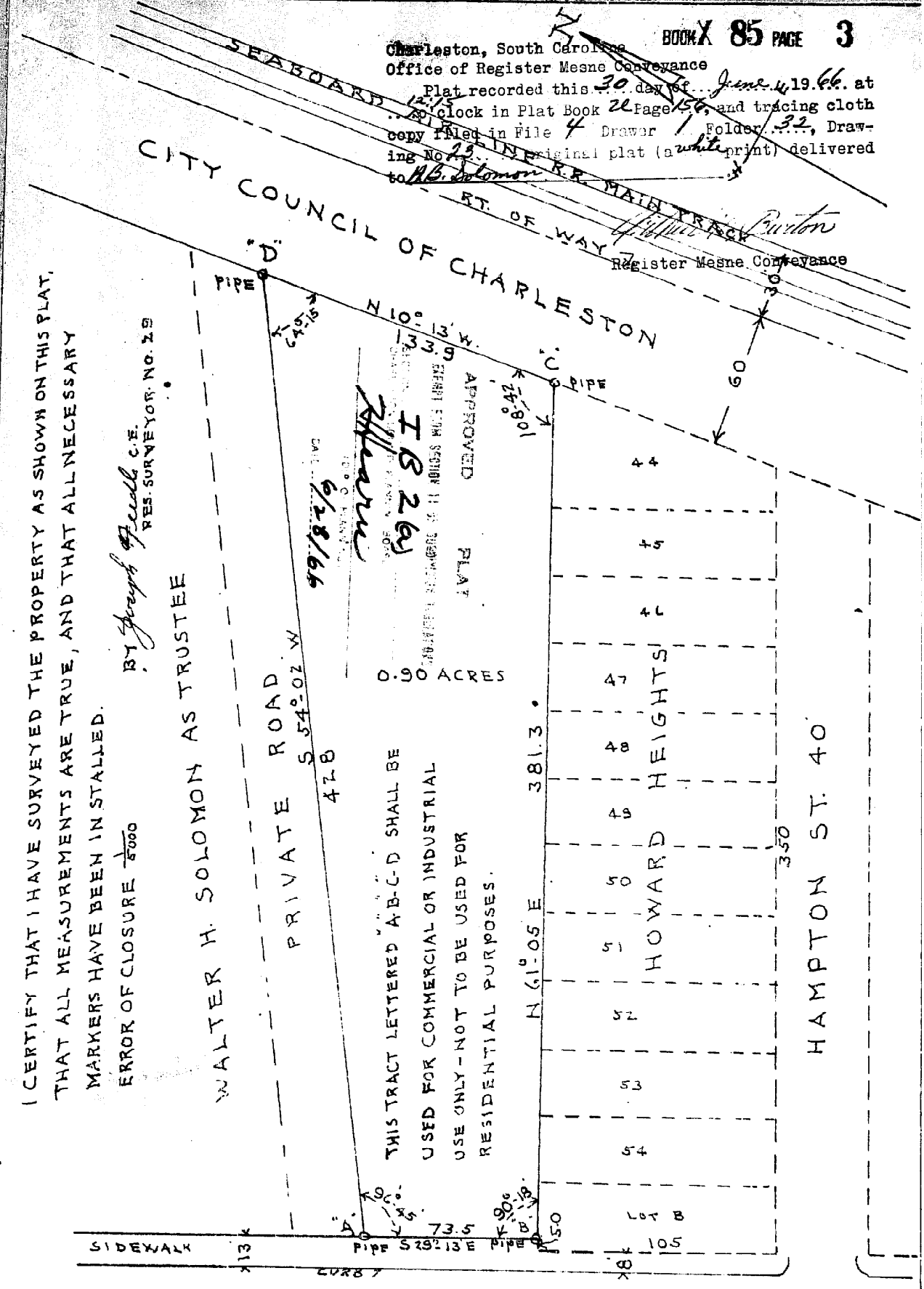
LINE #19--File #1836 dtd 5-20-68, for 1968 asmt change; File #2932 dtd 6-13-69, for 1969 asmt change
Asmts combined: Pt Stromboli Tract .90 ac is L-500; Lts 48 thru 54 Howard Heigths and Lt B Blk 28 Windsor is L-230, 1B-10570, tot 10800. Property combined for Appr. purposes

LINE #1--Annexed into the City of North Charleston 4-3 from North Charleston 4-1 by Ratif. #1987-125 Sec. #24-D dated 12-30-87 for 1988. bt 5-26-88

LINE #6-- Deed P368 347 is a rerecord to correct legal. sp 4-17-01

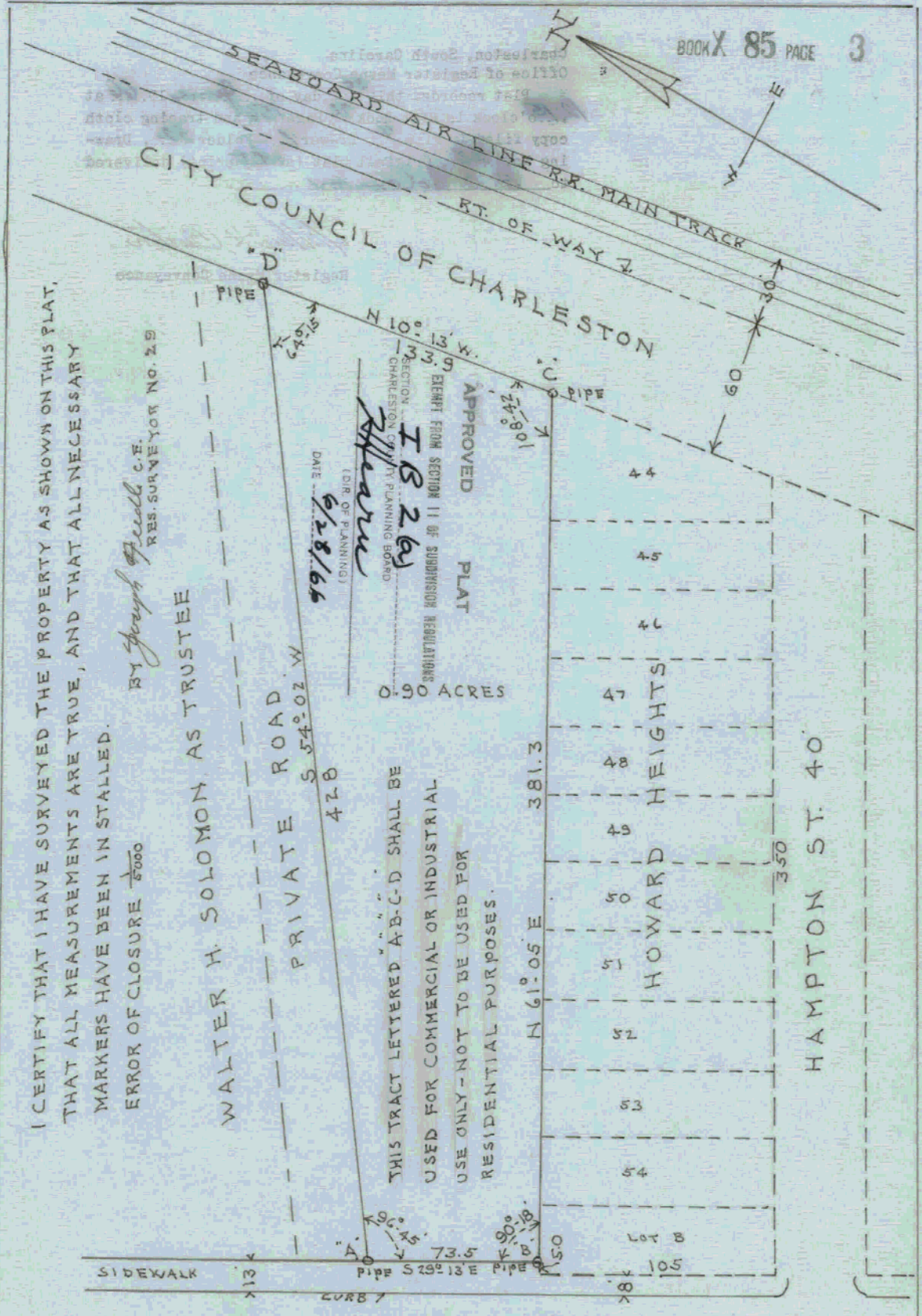
Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 30 day of June 4 19 66 at 12:15 o'clock in Plat Book 2L Page 156, and tracing cloth copy filed in File 4 Drawer 1 Folder 32, Drawing No. 23 original plat (a white print) delivered to H.B. Solomon

Arthur Burton
Register Mesne Conveyance



PLAT OF A TRACT OF LAND, LETTERED "A-B-C-D", BEING A PART OF THE "STROMBOLI TRACT". SITUATED ON THE EAST SIDE OF SPRUILL AVENUE IN CHARLESTON COUNTY S.C. ABOUT TO BE CONVEYED TO LILLA G. LEVINE BY WALTER H. SOLOMON, AS TRUSTEE.

SCALE 1" = 50' JUNE 23, 1966 BY Joseph Feedle C.E.



I CERTIFY THAT I HAVE SURVEYED THE PROPERTY AS SHOWN ON THIS PLAT, THAT ALL MEASUREMENTS ARE TRUE, AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED.

ERROR OF CLOSURE 1/5000

BY Joseph Needle C.E.
RES. SURVEYOR NO. 29

PLAT OF A TRACT OF LAND, LETTERED "A-B-C-D", BEING A PART OF THE "STROMBOLI TRACT". SITUATED ON THE EAST SIDE OF SPRUILL AVENUE IN CHARLESTON COUNTY S.C. ABOUT TO BE CONVEYED TO LILLA G. LEVINE BY WALTER H. SOLOMON, AS TRUSTEE.

SCALE 1"=50' JUNE 23, 1966 BY Joseph Needle C.E.

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 59

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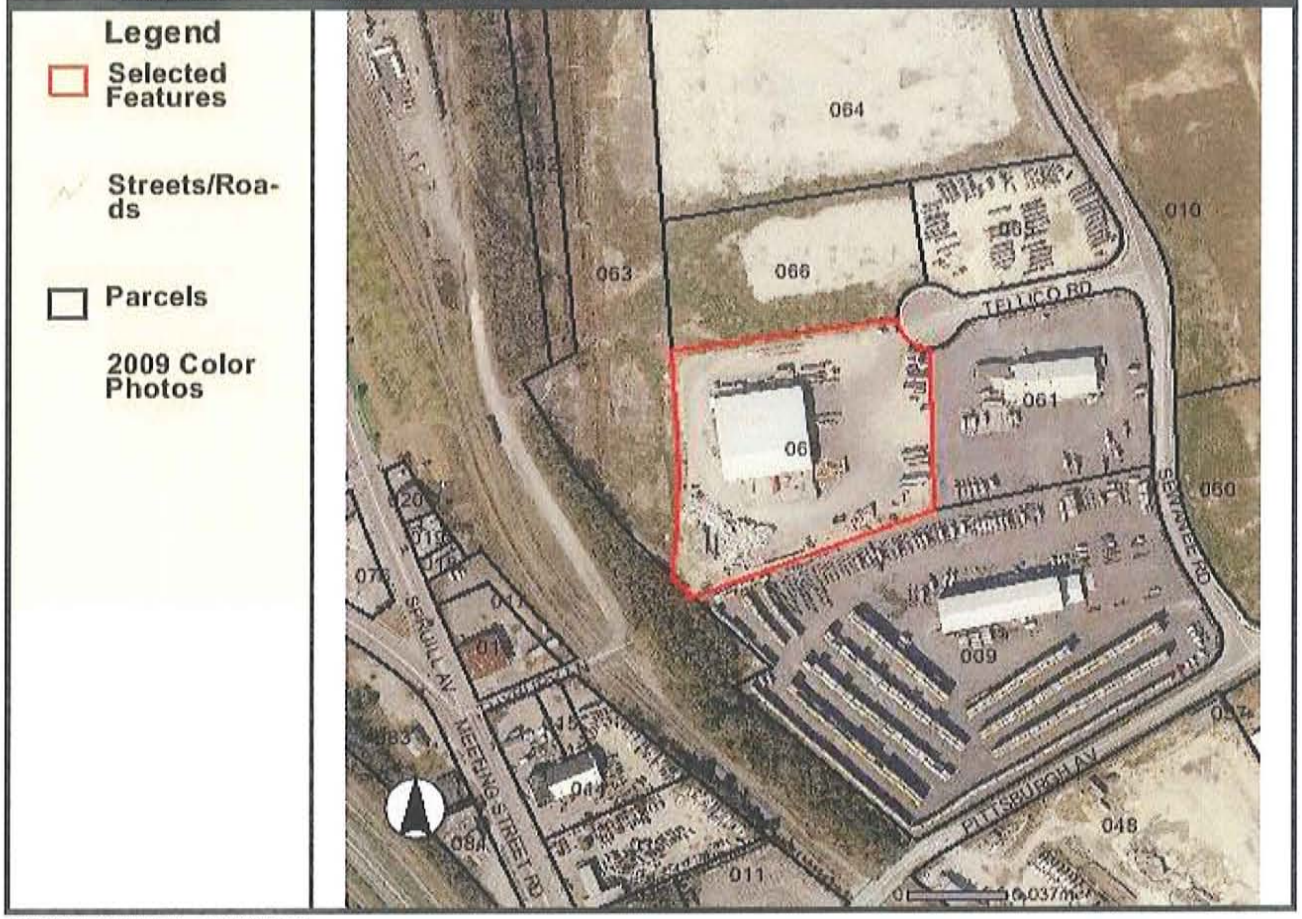
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660000062

PARCEL ID:	4660000062
STREET NUMBER:	2025
STREET NAME:	TELLICO RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	SONOCO RECYCLING
GENERAL USE:	WHS
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	PARCEL F
LGL HI ACRES:	5.07
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	5.07
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	EJ-906
OWNER ON 1ST:	PAPER STOCK DEALERS INC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	11/16/2007
DEED BOOK:	N644-742
WILL CODE:	
WILL DATE:	
C O NAME:	SONOCO PRODUCTS COMPANY
MAIL STREET NUMBER:	1
MAIL STREET NAME:	N 2ND ST
MAIL UNIT:	
MAIL CITY:	HARTSVILLE
MAIL STATE:	SC
MAIL ZIP:	29550-3300
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	5
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	2682000
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

Tract 60

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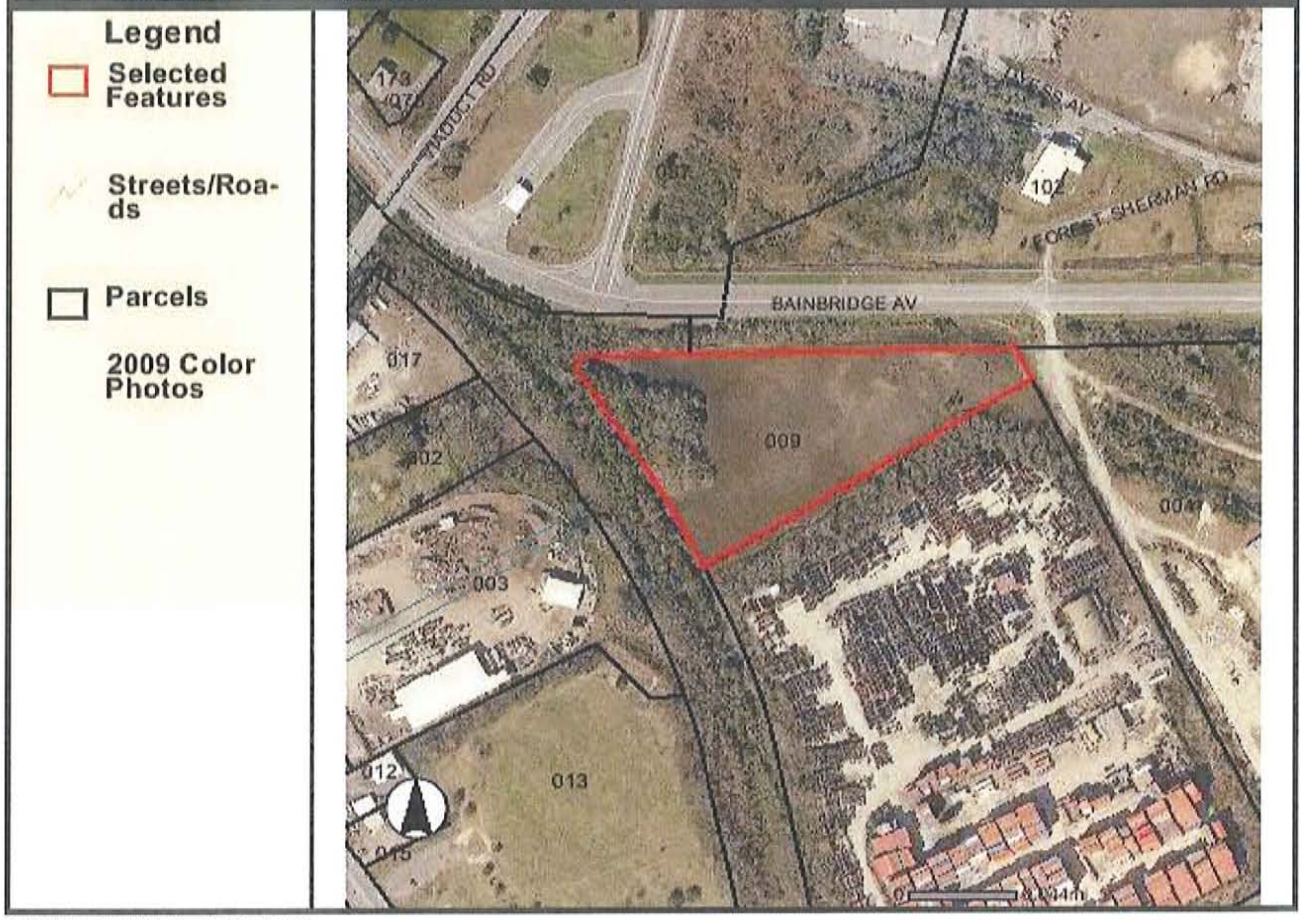
4045 Bridge View Drive
North Charleston, SC 29405-7464



PARCEL NUMBER : 4660400009

PARCEL ID:	4660400009
STREET NUMBER:	0
STREET NAME:	NAVAL AIR BASE RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	OFF
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	STROMBOLI N S SALRR
LGL HI ACRES:	2
LGL MAR ACRES:	3.5
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	5.5
TAX DISTRICT:	41
JURISDICTION:	CTA
PLAT BOOK:	U45-85
OWNER ON 1ST:	ALSTON CAROLINE S EST OF ETAL
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	
DEED BOOK:	L130-258
WILL CODE:	
WILL DATE:	
C O NAME:	GEORGE BLACKWELL
MAIL STREET NUMBER:	104
MAIL STREET NAME:	THE OAKS AVE
MAIL UNIT:	
MAIL CITY:	GOOSE CREEK
MAIL STATE:	SC
MAIL ZIP:	29445-3251
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	0
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	35000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 4 — 0	LOT 9	GEOGRAPHICAL AREA	NORTH CHARLESTON			TAX DISTRICT NO. 41
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	...ICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	SIMONTON, Charles						
4.	ALSTON, Caroline S., Est. of (1)		B87	24			90 C A Fox PO Box 215, Johns Isl
✓5.	ALSTON, Caroline S., EST OF ETAL	1-21-83	L130	258			104 OAKS AVE, Goose Creek, SC 29445
6.							
7.							
8.							
9.							

10. PROPERTY LOCATION: off Navy Airbase Rd.

SUBDIVISION:

11. Lot | Block | Tract No. | Parcel No. | Other STROMBOLI, N.S. SALRR

12. ACREAGE: High Land 5.5 | Marsh Land — | Total Acres 5.5 | ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (✓

13. MEASUREMENTS: Road Frontage X X X X X X X

14. PLATS RECORDED IN: Q47-264, U45-85

15. COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓

16.	YEAR ASSESSMENT FOR:	1970									
17.	LAND ASSESSMENT $										
18.	BUILDING ASSESSMENT $										
19.	TOTAL ASSESSMENT $	*									
20.	NUMBER OF BUILDINGS										X
21.	TOTAL APPRAISED VALUE $										

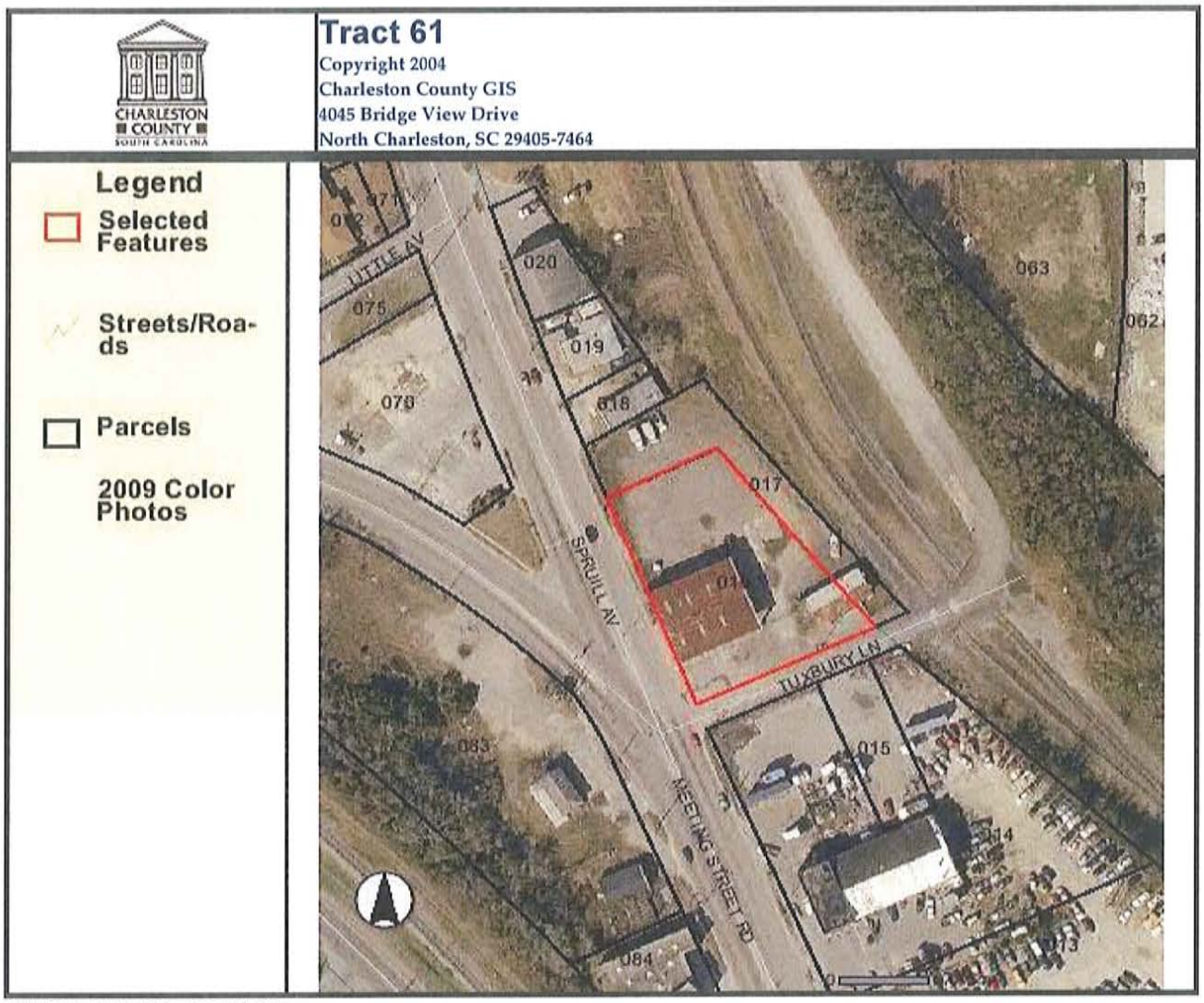
COMPUTERIZED
CHECKED
5/26/83 dc

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #19--Wade Hampton Tract originally- many sales out- is placing plats together and by USA combemnation B87-24 we are fairly certain that this tract still belongs to Heirs of Caroline S. Alston. It is not currently carried in tax books.

LINE #4--By will file # 77-925 the 2/5ths int of William H. Fox was devised to Charles A. Fox. 9/21/78 ds

LINE# 5--Per REcital in Deed L130-248, 249, and 250, Caroline S. Alston died intestate leaving as her soel heirs Benjamin F. Alston, Jr., Caroline S. Alston, and Thomas Alston. Benjamin F. Alston, Jr. died intestate leaving as his sole heirs Ruth Alston Fox, Benjamin F. Alston, III, Iszabella Stuart, and Charles S. Alston. Charles S. Alston died leaving as his sole heir Marion M. Alston. Isabella Stuart died leaving as her sole heir Isabella Reeves. By Deed L130-250, Isabella Reeves conveys int. to Charles A. Fox. Per Deed L130-248, Marion M. Alston conveys int. to Charles A. Fox. Per Deed L130-249, Benjamin F. Alston, Jr. a/k/a Benjamin F. Alston, III conveys his Int. to Charles A. Fox. Thomas Alston and Ruth Alston Fox did not convey their int. out; therefore, we have left name in The Est. of Caroline S. Alston. Per Deed L130-258, Charles A. Fox conveys his Int. to George A. Blackwell. George Blackwell is the ETAL. ETAL is George A. Blackwell. jwc 5-20-83



PARCEL NUMBER : 4661600016

PARCEL ID:	4661600016
STREET NUMBER:	2102
STREET NAME:	SPRUILL AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	COM
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	N.E. SPRUILL AVE AND TUXBURY LANE
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	F-243
OWNER ON 1ST:	JENNINGS MICHAEL
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	4/2/2001
DEED BOOK:	W367-001
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2026
MAIL STREET NAME:	MEETING STREET RD
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-9357
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	145000
MULT LOT:	2
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	226500
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S. C.

1.	T. M. No. 466 — 16 — 0 LOT 16.	GEOGRAPHICAL AREA: City of NORTH CHARLESTON					TAX DISTRICT NO. 4-3		X
2.	TITLE OF OWNERSHIP	DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS		
3.	TERRY, Dorothy S. (1)	*					110 N Rutledge Ave, Chas, 29406		X
4.	KELLY AND KELLY	5-2-83	K131	311	45,000	3	Po Bx. 20967, CHAS, SC 29415		X
5.	JENNINGS, Michael	4-3-01	W367	001	145,000		2026 Meeting St Chas 29405		
6.									
7.									
8.									
9.									

10. PROPERTY LOCATION: 2102 Spruill Ave. SUBDIVISION:

11. Lot | Block | Tract No. | Parcel No. | Other: N. E. SPRUILL AVENUE and TUXBURY LANE — X

12. ACREAGE: High Land | Marsh Land | Total Acres — ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )

13. MEASUREMENTS: Road Frontage 201 x 107.4 x 215.5 x 180 x x x x

14. PLATS RECORDED IN: F-57, I41-338, F-227, F-45, F-243 * AX-77, K131-274 — COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER — X

15. TUXBURY; LT 9 10 11 SPRUILL * — X

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $	300										
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	300 *										
20.	NUMBER OF BUILDINGS	0										
21.	TOTAL APPRAISED VALUE $											

COMPUTERIZED 2-24-95 cs

CHECKED 11/19/80 cs

COMPUTERIZED APR 09 2001

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $
23.					
24.					
25.					

1960-68 TAX MAP CODE: TMS 256 BLOCK 4 LOT 7

"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #3--By Will of Wilbur L. Spruill. Also Q/C deed F94-267 form City Council of Charleston for int in R/W and Lots 9, 10, 11 and 12

LINE #15--Lots combined for common use

LINE #19--Asmts combined: Tuxbury is 1L-200; LT 9, 10, & 11 Spruill is 3L-100.

LINE #11--Lots 9, 10 and 11 is included in this legal. Wilbur L. Spruill purchased many lots. The onesconcerning this entyy are listed below: I41-338 with plat for corner lot, Q42-169 (6,7,8) in F-57 (resub 6 & 7), U45-437 for 60' r/w adj from City Council The entry we are creating combines two Auditors entries which do not represent actually all the land Mr. Terry owns. Spruill Ave. splits her land- She sold some and by plat and deed she has left what we show here- 9, 10 & 11 Spruill F-243, 8 Pritchard F-57 only pt left. Tuxbury I41-338 & F-45 (deed and plat) City Council R/W - F-227

LINE #14--Finally measurements taken from unrecorded plat from Mr. Pritchard in work sheet folder

LINE #1--466-16-00-16 separated into A & B cards for 1980 by letter dated November 10, 1977 in Auditor Office. The B card is leased to the Hertz Corporation. Separated for 1980. 11/18/80 ds

LINE# 11--Prev. mapped as just land. Per Auditor, TMS#--466-16-00-16A and 16B are combined, because Deed K131-311 buys both Land and Bldg. Combined for 1984. jwc 5-29-84

LINE# 4--Deed K131-311 buys both land and bldg. Per Auditor Therefore, as line # 11 indicates, both 466-16-0-16A and 16B were combined and Deed was transfered. Kelly and Kelly is a South Carolina General Partnership. jwc 5-29-84

LINE #1--Tax district changed from tax district 4-1, North Charleston P.S.D. to tax district 4-3, City of North Charleston by ordinance no. 1994-45 dated 12-22-94 for 1995. 2/24/95 cdf

CHARLESTON COUNTY
SOUTH CAROLINA

Tract 62

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Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4660300002

PARCEL ID:	4660300002
STREET NUMBER:	2635
STREET NAME:	CARNER AVE
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	COR BARNABY LN
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	LT B
LGL HI ACRES:	0
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0
TAX DISTRICT:	43
JURISDICTION:	CTA
PLAT BOOK:	D47-135
OWNER ON 1ST:	MCDEW LLC
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	1/12/2007
DEED BOOK:	V611-874
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	0
MAIL STREET NAME:	PO BOX 478
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29402-0478
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	10
MULT LOT:	3
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	270000
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

1.	T. M. No. 466 — 3 — 0	LOT 2	GEOGRAPHICAL AREA	City of NORTH CHARLESTON		TAX DISTRICT NO.	4-3

2.	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	McCLURE, William		G46	473				
4.	FORT SUMTER LODGE, John H. WILLIAMS, ET AL, Trustees	9-14-46	D47	135				
5.	FORT SUMTER ASSOCIATION #2 TRUSTEES OF	6-18-79	M119	105			2156 Garfield, Chas Hgts 29405	X
6.	FORT SUMTER LODGE 628 I.B.P.O. ELKS OF THE WORLD	5-31-89	T184	834			2129 Fillmore St. 29405	X
7.	McCLURE, William	2-7-94	P238	296	11,000		2639-Carver Avenue Chas. Hgts 29405	
8.								
9.								

10.	PROPERTY LOCATION 2635 Carver Ave			SUBDIVISION	
11.	Lot B	Block	Tract No	Parcel No	Other
12.	ACREAGE: High Land	Marsh Land	Total Acres	ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS ( )	
13.	MEASUREMENTS: Road Frontage 315 x 88 x 27.5 x 94.5 x 243 x 22 x x				
14.	PLATS RECORDED IN D47-135			COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER ✓	
15.	628 ETC LT B				

16.	YEAR ASSESSMENT FOR	1970								Checked 5-26-94 cg	
17.	LAND ASSESSMENT $	150		8/24/89 mwc COMPUTERIZED VERIFIED							
18.	BUILDING ASSESSMENT $					Chd 9/7/89					
19.	TOTAL ASSESSMENT $	150				COMPUTERIZED					
20.	NUMBER OF BUILDINGS	0				MAY 20 1994					
21.	TOTAL APPRAISED VALUE $					BY: RBS					

22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS 237 BLOCK 1 LOT 1
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE #5--Trustees of are: Benjamin F. White, Henrietta Ladson and Elizabeth G. Salley.

LINE #6--Deed T184-834 is for TMS# 466-03-00-002, 469-14-0-272 & 273. 8/9/89 pe

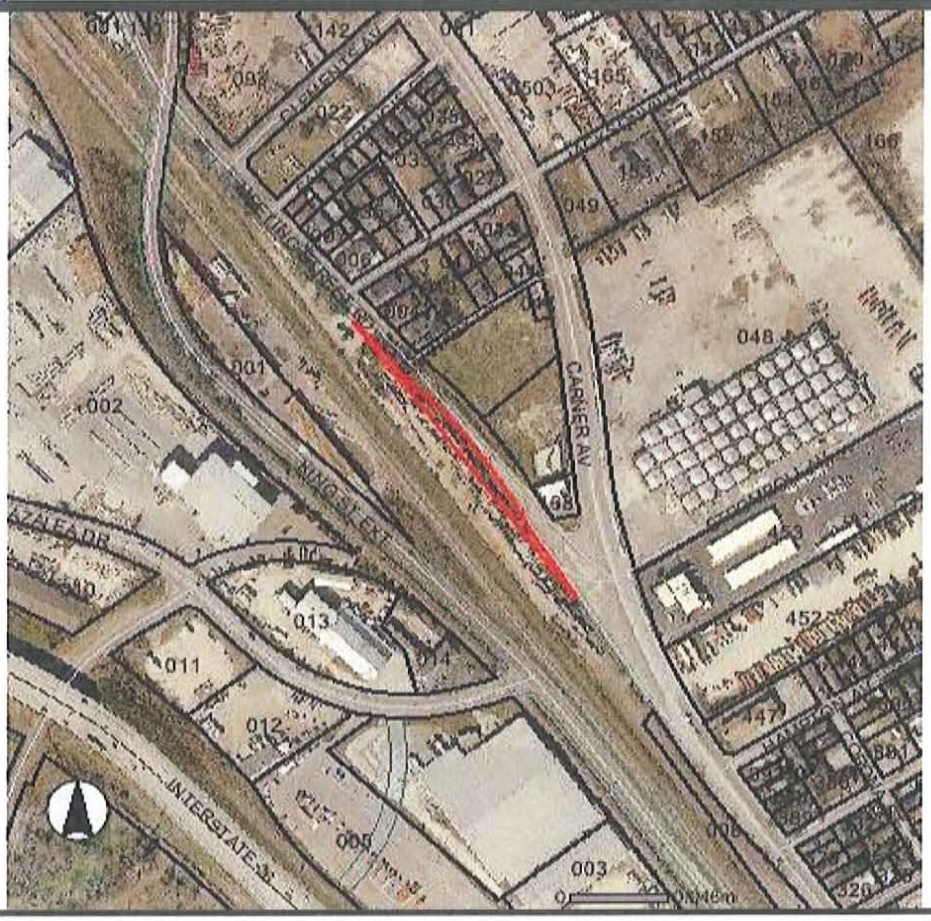
CHARLESTON COUNTY
SOUTH CAROLINA

Tract 63

Copyright 2004
Charleston County GIS
4045 Bridge View Drive
North Charleston, SC 29405-7464

Legend

- Selected Features
- Streets/Roads
- Parcels
- 2009 Color Photos



PARCEL NUMBER : 4690000005

PARCEL ID:	4690000005
STREET NUMBER:	0
STREET NAME:	MEETING ST
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	E SIDE
GENERAL USE:	UND
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	
LGL HI ACRES:	0.41
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	0.41
TAX DISTRICT:	41
JURISDICTION:	CTA
PLAT BOOK:	N-138
OWNER ON 1ST:	CALVARY AME CHURCH
OWNER2 ON 1ST:	BOARD OF TRUSTEES

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	2/27/2006
DEED BOOK:	E574-741
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2040
MAIL STREET NAME:	GROVELAND AVE
MAIL UNIT:	
MAIL CITY:	CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8140
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	7000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	200
BUILD COUNT:	0
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

AERIAL PHOTO NO. 9 ~~1962 LOT 6~~ **REAL PROPERTY RECORD** CHARLESTON COUNTY, S. C.

1.	T. M. No. 469 — 00 — 00	LOT 005	GEOGRAPHICAL AREA NORTH CHARLESTON					TAX DISTRICT NO. 4-1	
2.	TITLE OF OWNERSHIP		DATE OF MO. DAY YR.	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS	
3.	VIRGINIA - CAROLINA CHEMICAL CORP.		1926v	M34	6				
4.	SOCONY MOBILE OIL COMPANY, INC. (1)		2-20-64v	V79	11			C/o Mobil Chemical Co. P.O. Box 6259, Myrtle Bch. 29405	
5.	MOBIL OIL CORPORATION		5-17-66	R95	258				X
6.	SWIFT AGRICULTURAL CHEMICALS CORPORATION		11-11-71v	Y97	136		31	1800 Sp Lane Ste 1, Chicago Ill 60604	X
7.									
8.									
9.									

10. **PROPERTY LOCATION** Esau Rd. 1 mi. to left — SUBDIVISION:

11. Lot — Block 6 — Tract No. — Parcel No. — Other

12. **ACREAGE:** High Land 41 — Marsh Land — Total Acres 41 — **ACREAGE TAKEN FROM:** DEED (✓), PLAT ( ), COMPUTATIONS ( )

13. **MEASUREMENTS:** Road Frontage X X X X X X X

14. PLATS RECORDED IN: N-138 — **COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER** ✓

15.

16.	YEAR ASSESSMENT FOR:	1970										
17.	LAND ASSESSMENT $											
18.	BUILDING ASSESSMENT $											
19.	TOTAL ASSESSMENT $	*										X
20.	NUMBER OF BUILDINGS											
21.	TOTAL APPRAISED VALUE $											

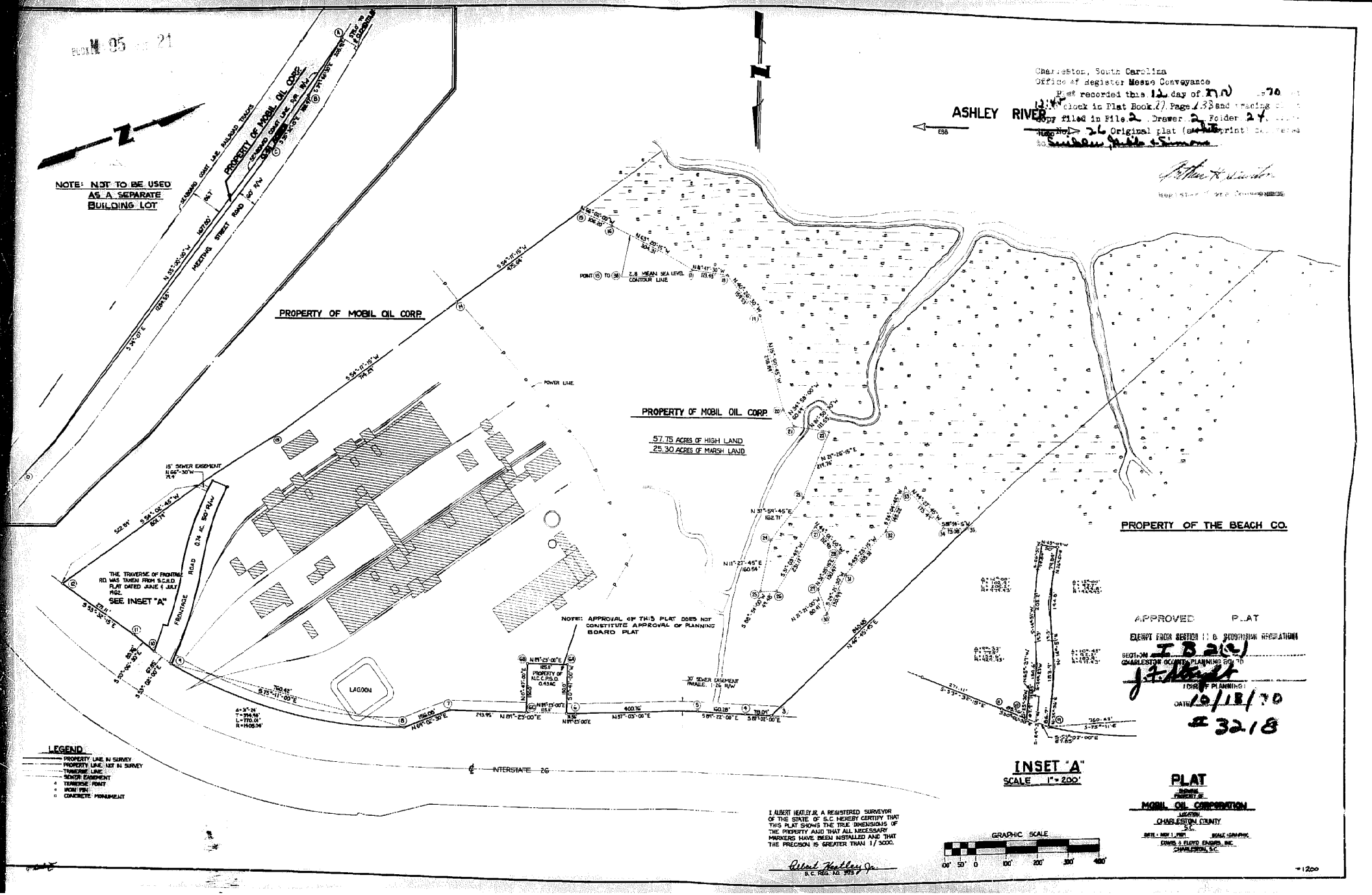
COMPUTERIZED 5-23-95 BL

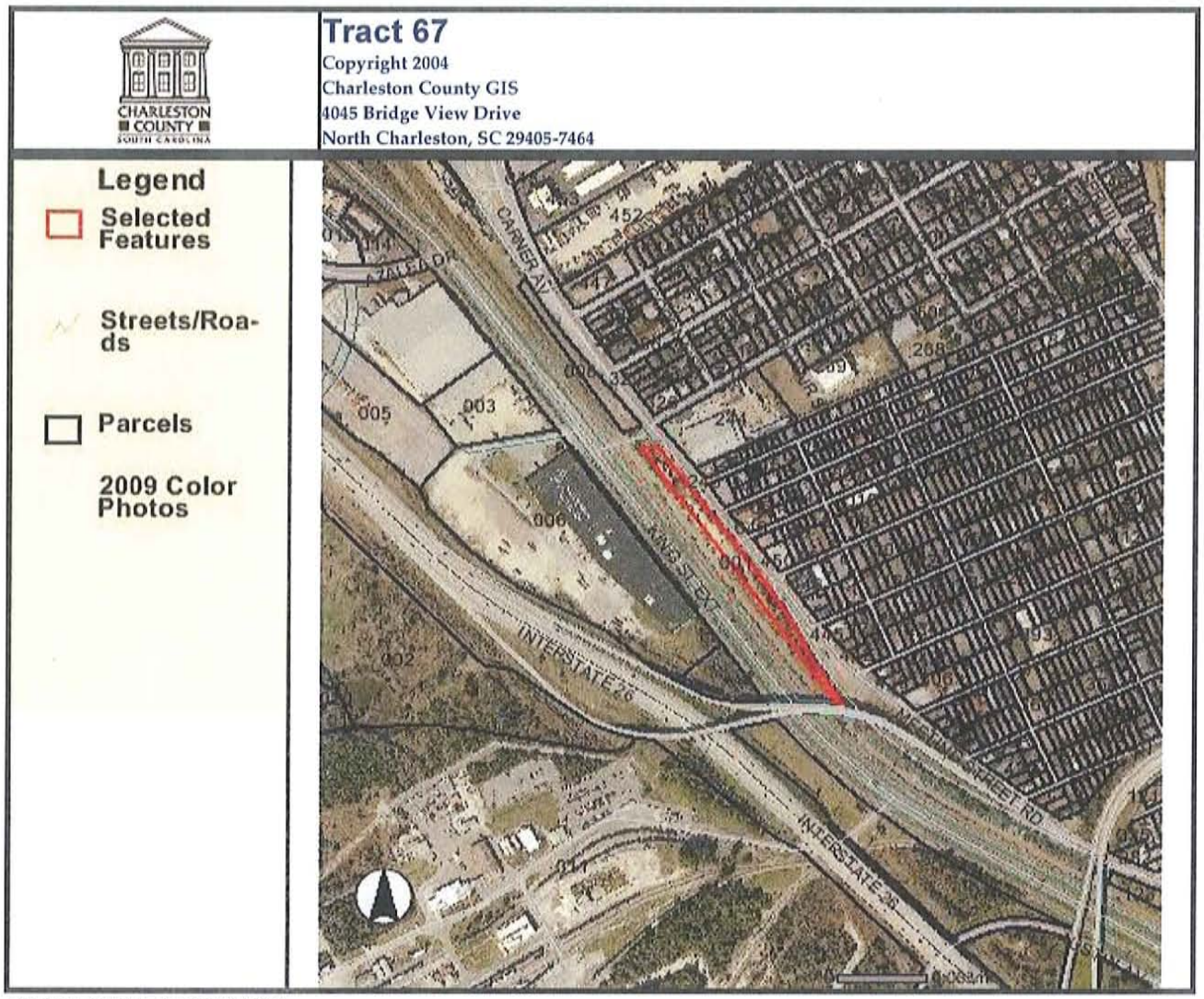
22.	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO. DAY YR.	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE
23.						TMS BLOCK LOT
24.						
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS

LINE#19 Part of current 7 tax entries in Virginia Carolina Chemical Corp. 214.98 total acreage. Assessed at $196,055. See TMS 466-0-0-11 for IRC

LINE #5--By merger

LINE #6--Deed Y97-136 is for 83.05 ac and .41 ac. See 918-82-00-2


BLOCK M 05 21
Charleston, South Carolina
Office of Register Mesne Conveyance
Plat recorded this 12 day of NOV 1970
at 12:47 o'clock in Plat Book 77 Page 133 and tracing
copy filed in File 2 Drawer 2 Folder 24
Map No 26 Original plat (or blueprint) delivered
to Sinkler Gaillard & Simons
ASHLEY RIVER
NOTE: NOT TO BE USED AS A SEPARATE BUILDING LOT
PROPERTY OF MOBIL OIL CORP
SEABOARD COAST LINE RAILROAD TRACKS
MEETING STREET ROAD
PROPERTY OF MOBIL OIL CORP
57.75 ACRES OF HIGH LAND
25.30 ACRES OF MARSH LAND
PROPERTY OF THE BEACH CO.
POWER LINE
15' SEWER EASEMENT
FRONTAGE ROAD
0.74 AC SOLD R/W
THE TRAVERSE OF FRONTAGE RD WAS TAKEN FROM S.C.H.D. PLAT DATED JUNE & JULY 1962.
SEE INSET "A"
LAGOON
NOTE: APPROVAL OF THIS PLAT DOES NOT CONSTITUTE APPROVAL OF PLANNING BOARD PLAT
30' SEWER EASEMENT (MABLE) 26 R/W
BOARD
INTERSTATE 26
APPROVED PLAT
EXEMPT FROM SECTION II B SUBDIVISION REGULATIONS
SECTION II B 2(c)
CHARLESTON COUNTY PLANNING BOARD
CHIEF OF PLANNING
DATE 10/18/70
3218
INSET "A"
SCALE 1" = 200'
LEGEND
PROPERTY LINE IN SURVEY
PROPERTY LINE NOT IN SURVEY
TRAVERSE LINE
SEWER EASEMENT
TRAVERSE POINT
IRON PIN
CONCRETE MONUMENT
I ALBERT HEATLEY JR. A REGISTERED SURVEYOR OF THE STATE OF S.C. HEREBY CERTIFY THAT THIS PLAT SHOWS THE TRUE DIMENSIONS OF THE PROPERTY AND THAT ALL NECESSARY MARKERS HAVE BEEN INSTALLED AND THAT THE PRECISION IS GREATER THAN 1/3000.
Albert Heatley Jr.
S.C. REG. NO. 3913
GRAPHIC SCALE
100' 50' 0 100' 200' 300' 400'
PLAT
ORIGINAL PROPERTY OF
MOBIL OIL CORPORATION
LOCATION
CHARLESTON COUNTY S.C.
DATE - NOV 1 1970 SCALE 1/200
DAVIS & FLOYD ENGRS. INC. CHARLESTON, S.C.
1200



PARCEL NUMBER : 4660700001

PARCEL ID:	4660700001
STREET NUMBER:	2413
STREET NAME:	MEETING STREET RD
PROP UNIT:	
PROP CITY:	
PROP ZIP:	29405
SITE NAME:	
GENERAL USE:	VCC
MOBILE HOMES:	0
SUBDIVISION:	
LEGAL DESCRIPTION:	VCC TRACT
LGL HI ACRES:	1.19
LGL MAR ACRES:	0
LGL WATER ACRES:	0
LGL SWAMP ACRES:	0
LGL TOTAL ACRES:	1.19
TAX DISTRICT:	41
JURISDICTION:	EXM
PLAT BOOK:	AM-65
OWNER ON 1ST:	CALVARY AME CHURCH
OWNER2 ON 1ST:	

CURRENT OWNER1:	
CURRENT OWNER2:	
SALE DATE:	2/12/2009
DEED BOOK:	0035-803
WILL CODE:	
WILL DATE:	
C O NAME:	
MAIL STREET NUMBER:	2040
MAIL STREET NAME:	GROVELAND AVE
MAIL UNIT:	
MAIL CITY:	NORTH CHARLESTON
MAIL STATE:	SC
MAIL ZIP:	29405-8140
MAIL COUNTRY:	
MAIL POSTAL CODE:	
SALE PRICE:	565000
MULT LOT:	0
SPLIT CODE:	
MLOD GROUP:	
FINAL VALUE:	0
BUILD COUNT:	1
AG USE VAL:	0
AG MARKET TOT:	0
LR APPROVE:	N
YEAR BUILT:	0
BEDROOMS:	0
FULL BATHS:	0
THREE QTR BATHS:	0
HALF BATHS:	0
TOTAL FINISH AREA:	0
LIVING AREA:	0
CONDO-BEDROOM:	0
CONDO FULL BATH:	0
CONDO H-BATH:	0
CONDO YR BUILT:	0

REAL PROPERTY RECORD

CHARLESTON COUNTY, S C

T. M. No. 466 — 7 — 0 | LOT 1 | GEOGRAPHICAL AREA NORTH CHARLESTON | TAX DISTRICT NO. 4-1

	TITLE OF OWNERSHIP	DATE OF MO DAY YR	DEED BOOK	DEED PAGE	$ INDICATED PURCHASE PRICE	CODE	MAILING ADDRESS
3.	FABIAN, George W. Jr. (I)		Z41	726			
4.	FABIAN, Kathryn C. ETAL	6-17-96	L270	134			768 Mildenhall Rd 29464
5.	FABIAN PROPERTIES, L.P.	6-17-96	L270	142			768 Mildenhall Rd 29464
6	RHODES, C. Anthony	6-17-96	L270	146	42,000		2413 Meeting Street Rd 29418
7.	PRESSLEY, James Jr.	6-10-97	G285	146	40,000		2429 Meeting Street Rd 29405
8.							
9.							

10. PROPERTY LOCATION 2413 [illegible] SUBDIVISION

11. Lot | Block | Tract No | Parcel No | Other VCC TRACT

12. ACREAGE: High Land 1.19 Marsh Land — Total Acres 1.19 | ACREAGE TAKEN FROM: DEED ( ), PLAT ( ), COMPUTATIONS (→ X

13. MEASUREMENTS: Road Frontage 1170.4 X 14.3 X 1179.8 X 55.5 X X X X

14. PLATS RECORDED IN AM-65, T118-2 | COPY OF CURRENT PLAT IN TAX MAP WORK SHEET FOLDER

15. VCC TRACT 5.20Ac. X

16.	YEAR ASSESSMENT FOR	1970	
17.	LAND ASSESSMENT $	675	COMPUTERIZED
18.	BUILDING ASSESSMENT $	6200	
19.	TOTAL ASSESSMENT $	6875	JUL 1 1996
20	NUMBER OF BUILDINGS	12	BY: B.T.
21.	TOTAL APPRAISED VALUE $		6-17-97 bld

COMPUTERIZED VERIFIED CHECKED 12/26/96

22	BUILDING PERMIT ISSUING AUTHORITY	PERMIT NUMBER	DATE OF MO DAY YR	DESCRIPTION OF WORK	ESTIMATED COST AS TAKEN FROM PERMIT $	1960-68 TAX MAP CODE TMS	BLOCK	LOT
23.								
24.								
25.						"X" IN LAST COLUMN, SEE REVERSE SIDE FOR ADDITIONAL REMARKS		

LINE #15--See 466-16-0-83 for 2.70 ac separated because I-26 ramp split it. See 464-2-0-17 for 1.5 ac.

LINE# 12--Prev. mapped as 1.4 ac. High. Per Plat AM-65 acreage changed to 1.19 ac. High. for 1980. Also Dim. added. jmw 11-27-79

LINE# 4--By Deed L270-134 Etal Are: Mary Susan Fabian, Judith F. Bean, Frederick T. Fabian, Aand Frederick T. Fabian as Trustee of the Fabi
Family Trust. 6-28-96 lbs

LINE# 5--By Deed L270-142, Mary Susan Fabian conveys her 1/5 int. to Fabian Properties, By Deed L270-138, Kathryn C. Fabian conveys her int.
1/5 int. to Fabian Properties, L.P., By Deed L270-130, Frederick T. Fabian as TRustee of The Fabian Family Trust conveys his 1/5 int
to Fabian Properties L.P., By Deed L270-126, Frederick T. Fabian conveys his 1/5 int. to Fabian Properties, L.P. and By Deed L270-
058, Judith F. Bean conveys her 1/5 int. to Fabian Properties L.P. 6-28-96 lbs

APPENDIX III

USER PROVIDED INFORMATION

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4D,6,7** R/W Agent **Phinney** Tract **1/66**

OWNER'S AND ADDRESSES

Name & Address: **Ashley II of Charleston, LLC, a South Carolina limited liability company, Ashley River Center, Riverside A, 2655 Evatt Lane, Suite 107, Charleston, SC 29405**

Phone: Day **843-414-4050 - e-mail rclement@cctre.com** Robert Clement Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **Bank of America, N.A., 200 Meeting Street, Suite 104, Charleston, SC 29401**

Recorded: Book **see attached** Page **title opinion** Date _____ Amount _____

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **17.37 acres** Dimensions: _____

Acquisition: **1.82 acres (1.48 ac high, 0.34 ac low)**

After: **15.55 acres**

Tax Map No.: **469-00-00-002** Plat Information: Book _____ Page _____

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Roper Hospital North, Inc., a South Carolina nonprofit corporation	**Ashley II of Charleston, LLC, a South Carolina limited liability company**	**6/27/03 7/15/03**	**$4,810,000.00**	**Z454**	**005**
SEE ATTACHED SHEET	**AS TO CONTINUTED TITLE WORK**				

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5767+87 Line A Sruvey** To **5790+00 Line G Survey, RT.** (2) From **Sta. 5781)04.47 New 75.0' R/W (Line"A") Back =** To **Sta. 5781+04.47 New 75.0' R/W (Line "G") Ahead**

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W **75** Feet, That Is **on the right** Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4, 4D, 6, 7** R/W Agent **Lynn E. Myers** Tract **002**

OWNER'S AND ADDRESSES

Name & Address: **Richard M. Padgett, Sr. and Marcus James Padgett, Jr., Post Office Box 7011, Garden City, Georgia 31418**

Phone: Day **(912) 964-7574** Evening **James – (912) 6565-4707 (c)**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **NOR**

OWNERSHIP

Before: **4.44 acres** Dimensions: **2703 King Street Ext., Chasn 29405**

Acquisition: **0.45 acre (19,418sf)**

After: **3.99 acres**

Tax Map No.: **466-07-00-005** Plat Information: Book **V** Page **107**

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
B&R Group, Inc.	**Richard M. Padgett, Sr., and Marcus James Padgett, Jr.**	**5/9/07 - s 6/16/07 - r**	**$700,000.00**	**W625**	**321**
Elizabeth R. Manucy, Adolphus Newton Manucy, III, Mary Elizabeth Manucy Pool Kendall, Robert Edward Manucy, Margaret Ellen Manucy, John Marion Manucy, Charlotte Ann Manucy, William Michael Manucy, Mary Elizabeth Manucy Pool Kendall as Custodian for Alicia Joy Pool under the Uniform Gifts to Minor Act, Mary Elizabeth Manucy Pool Kendall as Custodian for Steven Thomas Pool under the Uniform Gifts to Minor Act, Mary Elizabeth Manucy Pool Kendall as Custodian for William Charles Kendall, Jr. under the Uniform Gifts to Minor Act, and Adolphus Newton Manucy, III as Custodian for Adolphus Newton Manucy, IV under the Uniform Gifts to Minor Act	**B&R Group, Inc.**	**9/30/93 - s 10/1/93 - r**	**$5.00 & Other Consideration**	**T232**	**266**

SCDOT R/W Form 809 (01-09)

4RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4D, 7** R/W Agent **Brian Whiting** Tract **3**

OWNER'S AND ADDRESSES

Name & Address: **Twenty first Properties, Inc., 2121 South Columbia Avenue, Suite 650, Tulsa, OK 74114**

Phone: Day **918 743-4300** Evening

Paul D. Wilson, President

Paul@tfptulsa.com

SSN:

MORTGAGES AND ADDRESSES

Name & Address:

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **9.99 acres** Dimensions: **2453 King St Ext, Chas, SC**

Sec A and B of Lt 1

Acquisition: **1.66 acres (72,310 sf)**

After: **8.33 acres**

Tax Map No.: **466-07-00-006** Plat Information: Book **EA** Page **683**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Western Pacific SC LLC, a Nevada Limited Liability Company (56.25% int)	**Twenty first Properties, Inc.**	**10/15/99 S 10/22/99 R**	**1468125**	**K336**	**777**
James A. Kudrna (43.75% int)	**Twenty first Properties, Inc.**	**10/15/99 S 10/22/99 R**	**1141875**	**K336**	**633**
P-3/Parkway, LLC, a Washington Limited Liability Company	**Western Pacific SC LLC, a Nevada Limited Liability Company (56.25% int)**	**8/28/97 S 8/28/97 R**		**H289**	**517**
Western Pacific SC LLC, a Nevada Limited Liability Company	**James A. Kudrna**	**10/22/99 R**		**K336**	**770**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5778+40 I-26** To **5790+25 I-26 LT** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **75** Feet On **LT Line H** Side Of The Centerline

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345** RD61 File: **10.037345A**

County: **Charleston** Project: **Gen8** Item

Plan Sheet: **4,4D,4E,4F8,9** R/W Agent **Willie B. Johnson** Tract **4,(4A,4B,4C,4D combined)**

OWNER'S AND ADDRESSES

Name & Address: **Albright & Wilson Americas, Inc., 2151 King Street Extention, Charleston, SC 29405-6124 (Rhodia c/o Jeffrey Lang, CN 7500, 8 Cedar Brook Dr., Cranbury, NJ 08512)**

Phone: Day **609-860-3432 B 609-860-5446 fax 215-499-6285 -C** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NONE**

Recorded: Book Page Date Amount

☐ Lessees ☒ Liens ☐ Judgements

Name(s)/Addresses: **Rental Service Corporation/NC, PO Box 36217, Charlotte, NC 28236-6217 ($3,090.96)**

OWNERSHIP

Before: **121.82** Dimensions: **ODA (2)**

Acquisition: **Tract 4 - 3.94 ac/171,488 sf**

Tract 4A- .15 ac/6634 sf

Tract 4B-1.74 ac/75,780 sf

Tract 4C-1.16 ac/50,565 sf (total)

Tract 4D-0.50 ac/21,665 sf (total)

Total 7.490 ac/326,132 sf

After:

Tax Map No.: **466-00-00-011** Plat Information: Book **C** Page **33**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Albright & Wilson, Inc.	Albright & Wilson Americas, Inc.	2-5-95 1-30-95	Name changed by Certificate of Amendment	G-252	484
Mobil Oil Corporation	Albright & Wilson, Inc.	4-27-85 4-30-81	10.00 OVC	X-144	184
Socony Mobil Oil Company, Inc.	Mobil Oil Corporation	12-16-70 5-17-66	Name changed by Admendment to Certificate	R-95	348
Virginia-Carolina Chemical Corporation	Socony Mobil Oil Company, Inc.	3-12-64 2-17-64	Certifcate of Merger	V-79	11
George Bryan, Special Master	Virginia-Carolina Chemical Corporation	9-25-26 5-18-26		M-34	6

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4E,5** R/W Agent **Phinney** Tract **5,68**

OWNER'S AND ADDRESSES

Name & Address: **Ashley II of Charleston, LLC, a South Carolina limited liability company, Ashley River Center, Riverside A, 2655 Evatt Lane, Suite 107, Charleston, SC 29405**

Phone: Day **843-414-4050 e-mail rclement@cctre.com** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Bank of America, N. A. , 200 Meeting Street, Suite 104, Charleston, SC 29401**

Recorded: Book **P503** Page **753** Date **7/28/2004** Amount **$5,000,000.00**

x Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **Adams Outdoor Advertising Ltd, PTR7317 Peppermill Parkway, North Charleston, SC 29418 – Grant of Easement (Use and Ingress/Egress) Book W309, Page 460 – 8/27/1998,8/28/1998.**

OWNERSHIP

Before: **5.72 acres** Dimensions:

Acquisition: **1.44 acres**

After: **4.28 acres**

Tax Map No.: **466-00-00-023** Plat Information: Book **AB** Page **115**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Van Ness Sign & Leasing Company, a South Carolina general partnership	**Ashley II of Charleston, LLC, a South Carolina limited liability company**	**5/20/2003 5/20/2003**	**$319,150.00**	**L447**	**050**
Mobil Foundation, Inc.	**Van Ness Sign & Leasing Company, a South Carolina general partnership**	**9/30/1983 10/13/1983**	**$1.00 OVC**	**H133**	**237**

Type Of Instrument: x Easement ☐ Title ☐ Permission ☐ Other ☐

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5805+00** To **5810+00 Rt, Line "A" Survey** (2) From **5813+00** To **5820+00 Rt, Line "B" survey**

Stations (3) From To (4) From To

Width Of R/W **75** Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4, 4E,4F,9,11** R/W Agent **Phinney** Tract **6**

OWNER'S AND ADDRESSES

Name & Address: **Albrecht, Albrecht, and Shuler, a Partnership, PO Box 20039, Charleston, SC 29413**

Phone: Day **Rick Bybee, Attorney - 843-881-1623** Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NONE**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **NONE**

OWNERSHIP

Before: **6.30 acres** Dimensions: _____

Acquisition: **1.66 acres/72,114 sf**

After: **4.64 acres**

Tax Map No.: **466-16-00-099** Plat Information: Book **V28** Page **252**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Eloise Van Ness Albrecht	**Albrecht, Albrecht and Shuler, a Partnership**	**7/1/1991 7/31/1991**	**$550,000.00**	**Y204**	**079**
See attached Title opinion					

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5845+00** To **5852+00 Lt,Rt, Line "C" survey** (2) From **5814+00** To **5816+00 Lt,Rt, Line "A" Survey**

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W **See** Feet, That Is **Plans** Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

Rights of Control of Access

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4, 4E,4F,9,11** R/W Agent **Phinney** Tract **7**

OWNER'S AND ADDRESSES

Name & Address: **Albrecht, Albrecht, and Shuler, a Partnership, PO Box 20039, Charleston, SC 29413**

Phone: Day **Rick Bybee, Attorney - 843-881-1623** Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NONE**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **NONE**

OWNERSHIP

Before: **0.16 acres** Dimensions: _____

Acquisition: **374 sf/ 0.01 acre**

After: **6,596 sf**

Tax Map No.: **466-16-00-117** Plat Information: Book **V28** Page **252**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Eloise Van Ness Albrecht	**Albrecht, Albrecht and Shuler, a Partnership**	**7/1/1991 7/31/1991**	**$550,000.00**	**Y204**	**079**
See attached Title opinion					

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5845+00** To **5852+00 Lt,Rt, Line "C" survey** (2) From **5814+00** To **5816+00 Lt,Rt, Line "A" Survey**

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W **See** Feet, That Is **Plans** Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

Rights of Control of Access

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: Port Access Road (R/W Corridor) Pin 37345 PDI File: 10.037345A

County: Charleston Project: Gen8 Item

Plan Sheet: 4,4E,9 R/W Agent Dickie Phalen Tract 9(10,11,12A ~~,12B~~ combined) 9,10,11

OWNER'S AND ADDRESSES

Name & Address: Deborah Ann Crisp Coon, 1792 Chelwood Circle, Charleston, SC 29407, Donna Jean Crisp Sumner and Donna Jean Crisp Sumner Trust, c/o William R. Byars, Jr. Trustee, 200 Hunt Trace, Camden, SC 29020, Arthur E. Crisp III, 733 Jim Isle Drive, Charleston, SC 29412, Joseph W. Crisp, 733 Jim Isle Drive, Charleston, SC 29412 (tracts 9,10) AND ADJ and Associates, a South Carolina Partnership, 1792 Chelwood Circle, Charleston, SC 29407 (tract 11)

Phone: Day 803-896-5940-o 803-960-8921 -c Evening

SSN:

↑ Bill Byars

MORTGAGES AND ADDRESSES

Name & Address: Bank of America, NA, NC1-014-13-07, 1901 Main Street, Columbia, Sc 29405

Recorded: Book P564 Page 795 Date 12-02-05 Amount 1,000,000.00

☒ Lessees ☒ Liens ☐ Judgements

Name(s)/Addresses: Federal Tax Lien 2004-08016 amount 100,375.11 (Arthur E. Crisp, Jr. and Robin T. Crisp) filed 7-9-04, State Tax Lien # 3-50946066-5 amount 13,832.12 filed 8-13-08

OWNERSHIP

Before: #9-0.08 ac, #10-0.24 ac, #11-0.44 ac Dimensions:

Acquisition: #9-0.02 ac (896 sf) #10-0.06 (2487 sf) #11-0.09 ac (3795.sf)

After: #9-0.06 (2589 sf.) #10-0.18 (7967 sf.) #11-0.35 ac

Tax Map No.: 466-16-00-118, 466-16-00-100, 466-16-00-101 Plat Information: Book K51 Page 531

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Arthur E. Crisp, Estate	William R. Byars, Jr., PR	dc do 6-23-09 dod 6-12-09	2009ES1010950		
Arthur E. Crisp	Deborah Ann Crisp Coon, Donna Jean Crisp Sumner, Donna Jean Crisp Sumner Trust, Arthur E. Crisp III and Joseph Crisp	dod 6-12-0-9	Will		
Southern Chemical Products Company (TMS 466-16-00-118)	Arthur E. Crisp	4-11-07 12-14-06	5.00	T-621	707
Albrecht, Albrecht and Shuler, A Partnership	Southern Chemical Products Company	6-13-2000		C-351	53
Southern Chemical products Co., Inc. (TMS 466-16-00-100)	Arthur E. Crisp,	12-14-06	5.00	T-621	712
Rosemont Baptist Church	Southern Chemical Products Co., Inc.	6-15-66		V-85	25
Arthur E. Crisp, Sr. and Elizabeth W. Crisp (TMS 466-16-10-101)	ADJ and Associates, a South Carolina Partnership.	7-17-86 7-16-86	1.00 L & A	U-155	538
Southern Chemical Products Co., Inc.	Arthur E. Crisp, Sr. and Elizabeth W. Crisp	9-10-76 9-7-76		J-110	185

Tract: 9(10,11,12A ,12B combined)

9,10,11

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **Gen8** Item

Plan Sheet: **4A,4E,10** R/W Agent **Mark A. Westbury** Tract **12,14,15,16,18**

OWNER'S AND ADDRESSES

Name & Address: **Xiphias Holdings, LLC**
Post Office Box 22737, Charleston, SC 29413

Phone: Day **Hank Cheves -**
hcheves@anchorsigns.com
Direct (843)576-3210
Cell (843)425-9100 Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Harold I. Sherman, as Trustee for Ivan M. Sherman, Howard B. Sherman and Mitchell L. Sherman c/o Sherman Agency, 59 Broad Street, Charleston, SC 29401**
Community FirstBank, 288 Meeting Street, Charleston, SC 29401
Wachovia Bank, National Association, 177 Meeting Street, Charleston, SC 29401

Recorded: Book	Page	Date	Amount
B393	**376**	**01-04-02**	**775,000.00**
A426	**557**	**11-15-02**	**900,000.00**
G580	**720**	**04-19-06**	**1,900,000.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **1.04 ac** Dimensions: **BUSINESS RELOCATION**

Acquisition: **0.30 ac (13319 sf)**

After: **0.739 ac**

Tax Map No.: **4661600104 (tract 12)** Plat Information: Book **Y** Page **63**
4661600120 (tract 14)
4661600108 (tract 15)
4661600112 (tract 16,18)

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
Harold I. Sherman	**Xiphias Holdings, LLC**	**01-04-02** **01-04-02**	**5.00 OC**	**Z-392**	**429**
South Carolina State Highway Department	**Harold I. Sherman**	**12-27-67** **12-20-67**		**K-89**	**65**

SCDOT R/W Form 809 (09-03)

CK

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4, 4E, 9, 10** R/W Agent **Lynn E. Myers** Tract **013**

OWNER'S AND ADDRESSES

Name & Address: **Myrtices Williams, 2400 Lupine Street, Charleston, South Carolina 29405**

Phone: Day Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **NOR**

Ms. Williams does not have phone # listed. We have written a letter. Will advise as soon as we make contact.

Before: **0.01 acre**

Acquisition: **0.01 acre (**

After: **0.00 acre**

Tax Map No.: **464-01-00-** **26**

From					Page
Merrimac Realty Company					**104**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey Stations (1) From ~~5817~~ 5819+00 To 5820+00 Rt (2) From To

(3) From To Lin "B" (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A,4E,9,10** R/W Agent **Mark A. Westbury** Tract **17**

OWNER'S AND ADDRESSES

Name & Address: **Xiphias Holdings, LLC**
PO Box 22737; Charleston, SC 29413

Phone: Day **Hank Cheves -**
hcheves@anchorsigns.com

Direct (843)576-3210

Cell (843)425-9100 Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **The Sherman Agency; 59 Broad St.; Charleston, SC 29401**
Community First Bank; 288 Meeting St.; Charleston, SC 29401
Wachovia Bank NA; 177 Meeting St.; Charleston, SC 29401

Recorded:	Book	Page	Date	Amount
	B393	**376**	**1/04/2002**	**$775,000.00**
	A426	**557**	**11/15/2002**	**$900,000.00**
	H580	**76**	**4/19/2006**	**$1,900,000.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **.11 acre** Dimensions: **BUSINESS RELOCATION**

Acquisition: **0.11 ac TOTAL TAKE**

After: **0.00 ac**

Tax Map No.: **4661600112 (tract 17)** Plat Information: Book **EF** Page **280**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Harold L. Sherman	**Xiphias Holdings, LLC**	**s-r-1/04/2002**	**$825,000.00**	**Z392**	**429**

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **I-26 (Port Access)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A, 4E, 10** R/W Agent **Mark A. Westbury** Tract **19**

OWNER'S AND ADDRESSES

Name & Address: **Harold I. Sherman**
59 Broad St.; Charleston, SC 29401

Phone: Day **(843) 722-2602 Howard Sherman (local contact)** Evening

(561) 498-4327 Harold Sherman

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.01 acre** Dimensions: **ODA - Adams Outdoor Advertising**

Acquisition: **643 sf (0.01 ac)**

After: **0.00 (ENTIRE TAKE)**

Tax Map No.: **4640200001** Plat Information: Book **C** Page **160**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Estate of Minnie R. Sherman	**Harold I. Sherman**	**dod-5/26/87 doc-6/03/87**	**Intestate Estate Probated (Title Opinion in file)**	**87-ES**	**681**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5833+00** To **5835+00 RT I-26 Line C** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **75** Feet On **RT I-26 Line C** Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A,4E,10** R/W Agent **Mark A. Westbury** Tract **20**

OWNER'S AND ADDRESSES

Name & Address: **Robert T. Hudgens**
1 South Basilica Ave.; Hanahan, SC 29410

Phone: Day **(843)554-4416 shop** Evening

(843)569-0707 home

(843)696-4103 cell

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Ameris Bank**
49 Archdale St.; Charleston, SC 29401

Recorded: Book **E629** Page **56** Date **6/14/2007** Amount **$750,000.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.55 acre** Dimensions: **BUSINESS RELOCATION**

Acquisition: **1885 sf (0.04 ac)**

After: **0.51 acre**

Tax Map No.: **4640200002** Plat Information: Book **C112** Page **149**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Ronnie L. Elrod	**Robert T. Hudgens**	**s-r-6/12/1998**	**$140,000.00**	**U304**	**602**
Kurco, Inc. a South Carolina Corporation	**Robert T. Hudgens**	**s-7/30/2001 r-8/06/2001**	**Quit Claim Deed**	**Y378**	**389**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5833+00** To **5835+00 RT I-26 Line C** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **75** Feet On **RT I-26 Line C** Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A,4E,10** R/W Agent **Mark A. Westbury** Tract **21**

OWNER'S AND ADDRESSES

Name & Address: **George E. Kornahrens, Jr. and Laurie Kornahrens**
2224 Odessa St.; Charleston, SC 29405

Phone: Day **Laurie Kornahrens** Evening

(843)972-2400 - work

(843)296-2749 - cell

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Kocak Management, LLC**
PO Box 125; Ladson, SC 29456

Recorded: Book **V617** Page **882** Date **3/08/2007** Amount **$45,000.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **Deliquent Propety Taxes due for 2007 and 2008, per Owners they are current**

OWNERSHIP

Before: **0.07 acre** Dimensions: **RESIDENTIAL RELOCATION**

Acquisition: **2045 sf (0.05 ac)**

After: **871 sf**

Tax Map No.: **4640200003** Plat Information: Book **C** Page **160**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Kocak Management, LLC	**George E. Kornahrens, Jr. Laurie Kornahrens**	**s-2/21/2007 r-3/08/2007**	**$50,000.00**	**V617**	**206**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5832+00** To **5834+00 RT I-26 Line C** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **75** Feet On **RT I-26 Line C** Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4F, 11** R/W Agent **Brian Whiting** Tract **22**

OWNER'S AND ADDRESSES

Name & Address: **Fabian Properties, LP, POB 1045, Mt. Pleasant, SC 29465**
Frederick Fabian, 517 Market St, Chas, SC 29403

Phone: Day **843-514-3040 cel** Evening

843-577-5644 ELifeSpaces

SSN:

MORTGAGES AND ADDRESSES

Name & Address:

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **.69 acres** Dimensions: **Lot b Part VCC**

Acquisition: **0.56 acres (sf)**

After: **.13 acres**

Tax Map No.: **466-16-00-124** Plat Information: Book **BL** Page **25**

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
Kathryn C. Fabian 1/5 int	**Fabian Properties, LP**	**1/10/95 S 6/17/96 R**		**L270**	**138**
Judith F. Bean 1/5 int	**Fabian Properties, LP**	**1/10/95 S 6/17/96 R**		**L270**	**58**
Frederick T. Fabian 1/5 int	**Fabian Properties, LP**	**1/10/95 S 6/17/96 R**		**L270**	**126**
Frederick T. Fabian, as Trustee for Fabian Family Trust 1/5 int	**Fabian Properties, LP**	**1/10/95 S 6/17/96 R**		**L270**	**130**
Mary Susan Fabian 1/5 int	**Fabian Properties, LP**	**1/10/95 S 6/17/96 R**		**L270**	**142**
George W. Fabian Jr.	**Judith F. Bean, Frederick T. Fabian, Kathryn C. Fabian, and Frederick T. Fabian, as Trustee for Fabian Family Trust**	**12/8/94 S 12/28/94 R**		**L270**	**134**
Estate of Maggie Magwood 876-0141	**George W. Fabian Jr.**	**6/15/62**			

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4F, 11** R/W Agent **Brian Whiting** Tract **23**

OWNER'S AND ADDRESSES

Name & Address: **Shipyard Barge, LLC, 3 Broad Street, suite 400, Charleston, SC 29401**
Lucy M. Duncan, registered agent
Gitta Wombwell, Safe Ports

Phone: Day **843-723-9055 Gitta Wombwell** Evening **gwombwell@safe-ports.com**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **The National Bank of South Carolina, 46 Broad Street, Chas, SC 29401**

Recorded: Book **D611** Page **454** Date **1/5/07** Amount **$650,000**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **1.72 acres** Dimensions: **Lot C, Part VCC**
2045 Meeting Street,

Acquisition: **.35 acres (15,246 sf)**

After: **1.37 acres**

Tax Map No.: **466-16-00-083** Plat Information: Book **BL** Page **25**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Lifespaces, Inc.	**Shipyard Barge, LLC**	**6/6/06 S** **6/7/06 R**	**$950,000**	**L586**	**662**
Frederick T. Fabian as Trustee for George W. Fabian Jr.	**Lifespaces, Inc.**	**6/7/06 S** **6/7/06 R**	**$300,000**	**L586**	**532**
Estate of George W. Fabian 2002-ES-10-01373	**Frederick T. Fabian as Trustee for George W. Fabian Jr.**	**6/6/06** **6/7/06 R** **DOD** **8/17/02** **Do 10/14/02**		**L586**	**526**
Virgina-Carolina Chemical	**George W. Fabian Jr**	**4/19/41 S** **5/8/41 R**	**$5**	**Z41**	**726**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5853+93 Line C RT** To **5856+78 Line C RT** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **75** Feet On **RT &LT Line C** Side Of The Centerline

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A 4F, 11** R/W Agent **Brian Whiting** Tract **24**

OWNER'S AND ADDRESSES

Name & Address: **CC and A Rentals, LLC, 2019-C Cherry Hill Lane, Charleston, SC 29405**
William W Aldret, Registered Agent

Phone: Day **843-577-6565 Yellow Cab** Evening

843-577-3531 William cel

843-722-2222 William office

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOF**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **.56 acres** Dimensions: **Portions of Lots 2, 3, 4 and 5**

2111 Meeting Street Rd, Chas, SC 29405

Acquisition: **.45 acres (19,704 sf)**

After: **4792 sf**

Tax Map No.: **466-16-00-076** Plat Information: Book **AW** Page **36**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
William W. Aldret, G.S. Crosby, Jr. a/k/a George S. Crosby Jr., Sandra M. Aldret, Ernest B. Crosby and Jerry Crosby	**CC and A Rentals, LLC**	**1/31/97 S 2/18/97 R**	**$5**	**C280**	**706**
B S Crosby Sr, etal	**William W. Aldret, G.S. Crosby, Jr. a/k/a George S. Crosby Jr., Sandra M. Aldret, Ernest B. Crosby and Jerry Crosby**	**12/31/96**	**9**	**H278**	**479**

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin 37345 RD01 File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A, 11** R/W Agent **Brian Whiting** Tract **25**

OWNER'S AND ADDRESSES

Name & Address: **Baldwin Brothers, Inc. , 2132 Spruill Ave, N. Chas, SC 29405**
Rayford A Avant, Jr., owner

Phone: Day **843-744-6323** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **none**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.15 acres** Dimensions: **2132 Spruill Ave, N. Chas, SC 29405**

Lot 1

Acquisition: **0.03 acres (1212 sf)**

After: **0.12 acres**

Tax Map No.: **466-16-00-020** Plat Information: Book **F** Page **243**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Leon T. Baldwin a/k/a L.T. Baldwin	**Baldwin Brothers, Inc.**	**10/19/95 S 10/19/95 R**	**50,000**	**D261**	**785**
Harold Baldwin	**Leon T Baldwin a/k/a L. T. Baldwin**				

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **56+00** To **58+00LT Mainline** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **100** Feet On **LT** Side Of The Centerline

OTHER SPECIAL PROVISIONS

A

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin 37345 P001 File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A, 11** R/W Agent **Brian Whiting** Tract **26**

OWNER'S AND ADDRESSES

Name & Address: **Plantation Painters, Inc., 4 Judith Street, Charleston, SC 29403**
Rik Snyder, owner

Phone: Day **843-577-0033** Evening

Ricks cel 843-729-4553

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Wachovia Bank, NA (mortgage and assignment of rents), 15 S Main Street, Greenville, SC 29601**

Recorded: Book **L538** Page **418** Date **5/26/05** Amount **106,250**

☐ Lessees X☐ Liens ☐ Judgements

Name(s)/Addresses: **UCC Financing Statement, Secured Party is South Trust Bank, debtor is Rhoads Tile, filed 5/13/03,**

OWNERSHIP

Before: **0.13 acres** Dimensions: **Lot 2, 3, and 4 at 2128 Spruill Ave, N. Chas29405**

Acquisition: **.13 acres (5495 sf)**

After: **0.00 acres**

Tax Map No.: **466-16-00-019** Plat Information: Book Page

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Giovanni Ragdelglia d/b/a Rhoads Tile a/k/a Giovanni Radeglia	**Plantation Painters, Inc.**	**5/24/05 S 5/26/05 R**	**125,000**	**J538**	**43**
James A Meetze and Tanya K Meetze	**Giovanni Ragdelglia d/b/a Rhoads Tile a/k/a Giovanni Radeglia**	**5/9/03 S**	**125,000**	**L448**	**448**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **56+00** To **58+00 LT Mainline** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **100** Feet On **LT** Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

A

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin 37345 RD01 File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A, 11** R/W Agent **Brian Whiting** Tract **27**

OWNER'S AND ADDRESSES

Name & Address: **Donna L. Works, 112 Blackwell Avenue, Summerville, SC 29485**

Phone: Day **843-873-5030 home** Evening

584-670-1424 cel

843-670-3680 Marty Johnson, mgr

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **none**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.09 acres** Dimensions: **2120 Spruill Ave, Lots 6 and part of Lot 5**

Acquisition: **0.09 acres (3936 sf)**

After: **0.00 acres**

Tax Map No.: **466-16-00-018** Plat Information: Book **F** Page **243**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Paulette Botten (by deed)	**Donna L. Works**	**10/7/02 S 10/9/02 R**	**5**	**L421**	**763**
S & B Inc	**Paulette Botten**	**12/14/93 S 12/20/93 R**	**5**	**H236**	**825**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **56+00** To **58+00 Lt and Rt Mainline** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **100** Feet On **LT and RT** Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A,4F,4G,4H,5 E,11,12,13,18** R/W Agent **Phinney** Tract **29,33**

OWNER'S AND ADDRESSES

Name & Address: **Shipyard Creek Associates, LLC, a Delaware limited liability company, c/o Robert L. Clement, III, Ashley River Center, Riverside A, 2655 Evatt Lane, Suite 107, Charleston, SC 29405**

Phone: Day **843-414-4050 – Robert Clement III – rclement@cctre.com** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Bank of North Georgia**

Recorded: Book **C-643** Page **22** Date **11/2/2007** Amount **$40,000,000.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **98.99 acres** Dimensions:

Acquisition: **789,690sf/18.13 acres**

After: **80.86 acres**

Tax Map No.: **#29 – 466-00-00-063, #33 – 466-00-00-010** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
See	**Attached**				
Title	**Opinion**				

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **60+00** To **91+00 Lt, Rt, Main Line Survey** (2) From **33+00** To **41+98.43 Lt, Rt, Bainbridge Connector Survey**

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4F, 11, 12** R/W Agent **Phinney** Tract **30**

OWNER'S AND ADDRESSES

Name & Address: **South Carolina Public Service Authority, PO Box 2946101, Moncks Corner, SC 29461**

Phone: Day **Perry Gaskins - (MM06), 843-761-8000, ext. 4590** Evening

SSN: **N/A**

MORTGAGES AND ADDRESSES

Name & Address: **NONE**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **2.95 acres** Dimensions:

Acquisition: **564 sf/0.01 acre**

After: **2.94 acres**

Tax Map No.: **466 00 00 052** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
CSX Transportation, Inc., a Virginia corporation	**South Carolina Public Service Authority**	**3/3/1989 4/7/1989**	**$20,000.00**	**K183**	**297**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **61+00** To **63+00 Left - Main Line Survey** (2) From To

Stations (3) From To (4) From To

Width Of R/W **100** Feet, That Is **left** Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

****Control of Access

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A,4F,4G,4H,5 E,11,12,13,18** R/W Agent **Phinney** Tract **31**

OWNER'S AND ADDRESSES

Name & Address: **Shipyard Creek Associates, LLC, a Delaware limited liability company, c/o Robert L. Clement, III, Ashley River Center, Riverside A, 2655 Evatt Lane, Suite 107, Charleston, SC 29405**

Phone: Day **843-414-4050 – Robert Clement III – rclement@cctre.com** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Bank of North Georgia**

Recorded: Book **C-643** Page **22** Date **11/2/2007** Amount **$40,000,000.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **2.99 acres** Dimensions:

Acquisition: **14,888sf/0.34 acres**

After: **2.65 acres**

Tax Map No.: **466-00-00-066** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
See	**Attached**				
Title	**Opinion**				

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **62+00** To **66+00 RT – Main Line Survey** (2) From To

Stations (3) From To (4) From To

Width Of R/W **SEE** Feet, That Is **PLANS** Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4A,4F,4G,4H,5 E,11,12,13,18** R/W Agent **Phinney** Tract **32**

OWNER'S AND ADDRESSES

Name & Address: **Shipyard Creek Associates, LLC, a Delaware limited liability company, c/o Robert L. Clement, III, Ashley River Center, Riverside A, 2655 Evatt Lane, Suite 107, Charleston, SC 29405**

Phone: Day **843-414-4050 – Robert Clement III – rclement@cctre.com** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Bank of North Georgia**

Recorded: Book **C-643** Page **22** Date **11/2/2007** Amount **$40,000,000.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **7.98 acres** Dimensions:

Acquisition: **44,908/1.03 acres**

After: **6.95 acres**

Tax Map No.: **466-00-00-064** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
See	**Attached**				
Title	**Opinion**				

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **65+00** To **71+00 Rt. – Main Line survey** (2) From To

Stations (3) From To (4) From To

Width Of R/W **SEE** Feet, That Is **PLANS** Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4B, 4H, 4I, 4J, 17, 16, 21,** R/W Agent **Brian Whiting** Tract **38**

OWNER'S AND ADDRESSES

Name & Address: **Carolina Shipping Company (now Carolina Maritime Company of Charleston, Inc.), 100 Calhoun St, Suite 300, Charleston, SC 29401**

Mary Ann Bagwell, registered agent

Phone: Day **864-506-3000 Mary Ann Bagwell** Evening Alice Powell
5135 Lakeshore Drive
Columbia, SC 29206
(803)782-8888 (home)
(803)429-1302 (cell)
(803)790-7785 (fax)

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **none**

Recorded: Book Page Date Amount

☐ Lessees x☐ Liens ☐ Judgements

Name(s)/Addresses: **SC Tax Lien against Carolina Maritime Company of Charleston, filed January 17, 2007 in the amount of $536.21, plus any additional interest or cost**

OWNERSHIP

Before: **25.51 acres** Dimensions: **Spruill Ave, North Charleston**

Acquisition: **3.19 acres (138,916 sf)**

After: **22.32 acres**

Tax Map No.: **466-04-00-008** Plat Information: Book **AT** Page **164**

F **31**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Carolina Shipping Company (name change)	**Carolina Maritime Company of Charleston, Inc.**	**10/22/01 10/25/01 R**	**0**	**Y385**	**549**
Walter H. Solomon (by Deed)	**Carolina Shipping Company**	**9/2/81 S**	**127,500**	**M126**	**83**
	Walter H. Solomon (As Trustee under/by Deed	**9/8/61 S**		**M74**	**378**

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4B, 4H, 4I, 4K, 20, 21, 22, 23** R/W Agent **Brian Whiting** Tract **39**

OWNER'S AND ADDRESSES

Name & Address: **Carolina Shipping Company (now Carolina Maritime Company of Charleston, Inc.), 100 Calhoun St, Suite 300, Charleston, SC 29401**
Mary Ann Bagwell, registered agent

Phone: Day 864-506-3000 Mary Ann Bagwell Evening Alice Powell
5135 Lakeshore Drive
Columbia, SC 29206
(803)782-8888 (home)
(803)429-1302 (cell)
(803)790-7785 (fax)

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **none**

Recorded: Book Page Date Amount

☐ Lessees x☐ Liens ☐ Judgements

Name(s)/Addresses: **SC Tax Lien against Carolina Maritime Company of Charleston, filed January 17, 2007 in the amount of $536.21, plus any additional interest or cost**

OWNERSHIP

Before: **3.93 acres** Dimensions: **2534 Spruill Ave, North Charleston**

Acquisition: **1.69 acres (73,580 sf)**

After: **2.24 acres**

Tax Map No.: **466-04-00-007** Plat Information: Book **AS** Page **151**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Carolina Shipping Company (name change)	**Carolina Maritime Company of Charleston, Inc.**	**10/22/01 10/25/01 R**	**0**	**Y385**	**549**
Walter H. Solomon (by Deed)	**Carolina Shipping Company**	**5/8/81 S 5/12/81 R**	**50,000**	**J125**	**350**
	Walter H. Solomon (As Trustee under/by Deed	**9/8/61 S**		**M74**	**378**

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4B,4I,19,24** R/W Agent **Dickie Phalen** Tract **41 and 48**

OWNER'S AND ADDRESSES

Name & Address: **Cross Atlantic, LLC, a SC limited liability company**
P.O. Box 71315, Charleston, SC 29415

Phone: Day **Anthony Rhode (843) 906-4810** Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **1.66 acres** Dimensions: _____

Acquisition: **11318 sf (0.26 acs)**

After: **1.40 acres**

Tax Map No.: **4660300161** Plat Information: Book **BD** Page **178**

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
C. Anthony Rhodes	**Cross Atlantic, LLC, a SC limited liability company**	**s-r-10/01/2002**	**$10.00 and OVC**	**K420**	**661**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **26+00** To **28+00 LT Reloc. c/l Stromboli Ave. Extension** (2) From **13+00** To **18+00 RT Spruill Ave.**

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

41/48

Tract: ~~53~~

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4l, 4K, 20, 22, 23** R/W Agent **Helen Johnson Hand** **Brian Whiting** Tract **42**

OWNER'S AND ADDRESSES

Name & Address: **Carolina Maritime Company, Inc., 100 Calhoun Street, Ste 300, Charleston, SC 29401**

Phone: Day **Mary Ann Bagwell, President** Evening

864-506-3000 cell # ; 843-654-6325 hm #

SSN: **Alice Powell, Vice President**

(803) 782-8888 ; 803-429-1302

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees - NOR ☐ Liens – State Tax Lien, 01-17-2007, $536.21 plus any additional penalties and interests ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **2.75 acs.** Dimensions: **Strip take of land ; chain link fencing w/ barb wire and gate and sign – moving items**

Acquisition: **0.32 ac. (13797 sf)**

After: **2.43 acs.**

Tax Map No.: **466-08-00-512** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
Carolina Stevedoring Company, Inc.	**Carolina Maritime Company, Inc.**	**05/10/1991 07/19/1993**	**$201,211.50**	**N229**	**789**
Carolina Shipping Company	**Carolina Stevedoring Company, Inc.**	**10/30/89**	**255000**	**H188**	**32**
	Carolina Shipping Company	**9/21/65**	**28500**	**W83**	**276**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From To (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **Gen8** Item

Plan Sheet: **4B,4I,20** R/W Agent **Willie B. Johnson** Tract **43**

OWNER'S AND ADDRESSES

Name & Address: **Carolina Stevedoring Company, Inc., 1131 Southweil Klickitat Way, Seattle, WA 98134**

Phone: Day **Larry Young, VP, General Manager 843-971-2916 (Ray Taylor-Manager)** Evening **Cassie Lewis 843- 971-2905**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Nor**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **1.67 ac** Dimensions: **Improved - business (two metal buildings)**

1950 Stromboli Ave, Charleston, SC

Acquisition: **0.27 ac (11,642 sf)**

After: **1.40 ac**

Tax Map No.: **4660800456** Plat Information: Book **CC** Page **159**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Carolina Shipping Company, Inc., a South Carolina Corporation	**Carolina Stevedoring Company, Inc.**	**10-30-89 10-25-89**	**255,000.00**	**H-188**	**32**
				W-83	**276**
Walter H. Solomon	**Carolina Shipping Company**	**11-04-68**		**J-91**	**218**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From To (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4B,4L,19,24** R/W Agent **Mark A. Westbury** Tract **44**

OWNER'S AND ADDRESSES

Name & Address: **Southeastern Container Services, Inc.**
PO Box 22118; Charleston, SC 29413

Phone: Day **Anthony Rhode (843) 906-4810** Evening

Ned Jervey (843) 452-7917

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **8.54 acres** Dimensions: **POSSIBLE BUSINESS RELOCATION**

Acquisition: **15902 sf (0.37 acs)**

After: **8.17 acres**

Tax Map No.: **4660300166** Plat Information: Book **L 122** Page **297**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Container Land Associates, a limtied liability company	**Southeastern Container Services, Inc.**	**s-8/08/1983 r-9/19/1983**	**$5.00**	**A133**	**148**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **20+00** To **27+00 LT** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **66** Feet On **LT Reloc. c/l Stromboli Ave. Extension** Side Of The Centerline

OTHER SPECIAL PROVISIONS

Tract: 44

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **Gen8** Item _____

Plan Sheet: **4B,4I,19,20** R/W Agent **Willie B. Johnson** Tract **45**

OWNER'S AND ADDRESSES

Name & Address: **Central Transport, Inc. a Michigan Corporation, PO Box 869, Warren MI 48090-0869**

Phone: Day **800-221-9588 x2227 (Jeff Kalb)** Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **Nor**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **2.02 ac** Dimensions: **Improved - business (metal building)**

Acquisition: **0.60 ac (26,296 sf)**

After: **1.42 ac**

Tax Map No.: **4660800455** Plat Information: Book **BP** Page **23**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
American Real Estate Holdings Limited partnership, a Delaware Limited Partnership	**Central Transport, Inc., a Michigan Corporation**	**10-27-87 10-21-87**	**275,000.00**	**X-169**	**829**
American Property Investors VIII	**American Real Estate Holdings Limited Partnership**	**10-20-87 10-20-87**	**Merged by Certificate of Cancellation**	**V-169**	**33**
Spector Terminals, Inc.	**American Property Investors VIII**	**7-19-78**		**U-116**	**208**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From _____ To _____ (2) From _____ To _____

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **Gen8** Item

Plan Sheet: **4B,4I,19** R/W Agent **Willie B. Johnson** Tract **46**

OWNER'S AND ADDRESSES

Name & Address: **William Christopher Butt, 1218 Kensington Drive, Charleston, SC 29407 (property address 2700 Meeting St. Rd)**

Phone: Day **843-559-3140 o - 843-696-4835 -c** Evening **843-556-8216**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **First Federal Savings and Loan Association of Charleston,**

Recorded: Book **J397** Page **415** Date **2-18-02/2-19-02** Amount **Not to Exceed 100,000.00**

☒ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **Assignment of leases and rents 2-19-02 Book K397/Page 641**

OWNERSHIP

Before: **3.95 ac** Dimensions: **AT&T Building and shed**

Acquisition: **1.38 ac (60,268 sf)**

After: **2.57 ac**

Tax Map No.: **4660800453** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
Nancy B. Butt	**William Christopher Butt**	**03-08-01 03-06-01**	**5.00**	**T-365**	**027**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From To (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4I,19,24** R/W Agent **Dickie Phalen** Tract **47**

OWNER'S AND ADDRESSES

Name & Address: **Container Land Associates, a limited partnership**
PO Box 22118; Charleston, SC 29413

Phone: Day Anthony Rhode 843-906-4810 Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **14.52 acres** Dimensions: **BUSINESS RELOCATION**

Acquisition: **52661 sf (1.21 acs)**

After: **13.31 acres**

Tax Map No.: **4660300048** Plat Information: Book **O** Page **103**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
W. David Latimer as Trustee for Container Land Associates, a limited partnership	**Container Land Associates, a limited partnership**	**s-r-12/30/1988**	**$1.00**	**T180**	**282**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey Stations (1) From **10+00** To **21+00 LT** (2) From _____ To _____

(3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is **66** Feet On **LT Reloc. c/l Stromboli Ave. Extension** Side Of The Centerline

OTHER SPECIAL PROVISIONS

Tract: 47

SCDOT R/W Form 809 (09-03)

Do Not Contact

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4K, 22** R/W Agent **Helen Johnson Hand** Tract **49 w/52**

OWNER'S AND ADDRESSES

Name & Address: **Eason Leasing Company, Inc., Post Office Box 70040, Charleston, SC 29415**

Phone: Day _____ Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: ~~0.23~~ **ac.**

Dimensions: **Strip take of land; contributory value of a portion of chain link fencing with barb wire; chain link fencing with barb wire and gate and other misc. items – moving items**

2665 & 2668 Spruill Avenue

.03 1253

Acquisition: ~~0.03 ac. (1253 sf)~~ 03 1253

After: ~~0.20~~ **ac.**

Tax Map No.: **466-03-00-160** Plat Information: Book _____ Page _____

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
Marie Cronan Beech	**Eason Leasing Company, Inc.**	**05/16/1996 05/21/1996**	**$15,000.00**	**J269**	**074**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **12+10** To **13+10 Rt** (2) From **10+40** To **11+42 Lt**

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

CC

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: Port Access Road Pin 37345 RDC File: 10.037345A

County: Charleston Project: GEN8 Item

Plan Sheet# 4K, 22 R/W Agent Helen Johnson Hand Tract 49 w/52

OWNER'S AND ADDRESSES

Name & Address: **Eason Leasing Company, Inc., Post Office Box 70040, Charleston, SC 29415**

Phone: Day Thomas Eason Evening

SSN: 843-747-0548

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **0.23ac.** .68 Dimensions: **Strip take of land; contributory value of a portion of chain link fencing with barb wire; chain link fencing with barb wire and gate and other misc. items – moving items**

2665 & 2668 Spruill Avenue

Acquisition: **0.03 ac. (1253 sf)** .06 (2506 SF)

After: **0.20 ac.** .62

Tax Map No.: **466-03-00-160** 466-04-00-012 Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
Marie Cronan Beech	**Eason Leasing Company, Inc.**	**05/16/1996 05/21/1996**	**$15,000.00**	**J269**	**074**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes 00 ☐ No Advertise: ☐ Yes 00 ☐ No 121 00

Survey (1) From 12+~~10~~ To ~~13+10 Rt~~ 14+00 (2) From 10+40 To ~~11+42 Lt~~

Stations (3) From To Spruill Ave (4) From To Spruill Ave

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet # **4K, 22** R/W Agent **Helen Johnson Hand** Tract **50**

OWNER'S AND ADDRESSES

Name & Address: **2667 Spruill Avenue, LLC., Post Office Box 93, Charleston, SC 29402**

Phone: Day Chris Maloney Evening

SSN: 843-697-0372

MORTGAGES AND ADDRESSES

Name & Address: **First Citizens Bank and Trust Company, Inc., Loan Operations, POB 29, Columbia, SC 29202**

Recorded: Book **F651** Page **884** Date **02/06/2008** Amount **$366,063.00**

02/14/2008

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses: **2008 County Taxes past due in the amt of $1,971.84 plus additional penalties that apply**

OWNERSHIP

Before: **0.69 ac.** Dimensions: **Strip take of vacant land and unmarked asphalt parking area**

Acquisition: **0.03 ac. (1253 sf)**

After: **0.66 ac.**

Tax Map No.: **466-06-00-159** Plat Information: Book Page

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Charleston Land and Development Group, LLC	**2667 Spruill Avenue, LLC**	**10/11/2006 10/12/2006**	**$262,000.00**	**R601**	**123**
Grady Properties, Inc.	**Charleston Land and Development Group, LLC**	**09/13/2004 09/22/2004**	**$112,500.00**	**C510**	**762**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From ~~11+10~~ To ~~12+10 Rt~~ (2) From To

Stations (3) From 11+00 To 13+00 RT (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

10,000 -

SCDOT R/W Form 809 (09-03)

Do Dot Contact

CC

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet 46 **4K, 22** R/W Agent **Helen Johnson Hand** Tract **50**

OWNER'S AND ADDRESSES

Name & Address: **2667 Spruill Avenue, LLC., Post Office Box 93, Charleston, SC 29402**

Phone: Day _____ Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **First Citizens Bank and Trust Company, Inc., Loan Operations, POB 29, Columbia, SC 29202**

Recorded: Book **F651** Page **884** Date **02/06/2008** Amount **$366,063.00**

_____ _____ **02/14/2008** _____

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses: **2008 County Taxes past due in the amt of $1,971.84 plus additional penalties that apply**

OWNERSHIP

Before: **0.69 ac.** Dimensions: **Strip take of vacant land and unmarked asphalt parking area**

Acquisition: **0.03 ac. (1253 sf)**

After: **0.66 ac.**

Tax Map No.: **466-08-00-159** Plat Information: Book _____ Page _____

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Charleston Land and Development Group, LLC	**2667 Spruill Avenue, LLC**	**10/11/2006 10/12/2006**	**$262,000.00**	**R601**	**123**
Grady Properties, Inc.	**Charleston Land and Development Group, LLC**	**09/13/2004 09/22/2004**	**$112,500.00**	**C510**	**762**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From ~~11+10~~ To ~~12+10 Rt~~ (2) From _____ To _____

Stations (3) From 11+00 To 13+00 Rt (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

10,000 -

SCDOT R/W Form 809 (09-03)

Do Not Contact

CE

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet(s) **4K, 22** R/W Agent **Helen Johnson Hand** Tract **51**

OWNER'S AND ADDRESSES

Name & Address: **Allyson D. Gregory, 4991 Highway 162, Meggett, South Carolina 29449**

Phone: Day _____ Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **0.46 ac.**

Dimensions: **Strip take of land ; chain link fencing w/ barb wire, metal frame display sign, vehicles, and equipment – moving item**

2664 Spruill Avenue

Acquisition: **0.03 ac. (1254 sf)**

After: **0.043 ac.**

Tax Map No.: **466-04-00-015** Plat Information: Book _____ Page _____

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
L. Edward Usry and Thalia H. Usry	**Allyson D. Gregory**	**12/23/1983 12/24/1983**	**$35,000.00**	**D134**	**316**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From ~~11+42~~ To ~~12+40 Rt~~ (2) From _____ To _____

Stations (3) From 11+00 To 13+00 Lt (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

9000

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4B,4K,22** R/W Agent **Mark A. Westbury** Tract **53**

OWNER'S AND ADDRESSES

Name & Address: **James Milton and Clara F. Milton**
1982 Echo Avenue; Charleston, SC 29405

Phone: Day **(843)744-1006** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Betty T. Varner; 2040 Hampton Avenue; Charleston Heights, SC 29405 (SATISFIED)**
Palmetto Mortgage Corporation; PO Box 31016; Charleston, SC 29417-1016
Palmetto Mortgage Corporation; PO Box 31016; Charleston, SC 29417-1016

Recorded:	Book	Page	Date	Amount
	A270	**288**	**5/31/1996**	**$23,000.00**
	G546	**426**	**7/22/2005**	**$16,900.00**
	72	**131**	**7/29/2009**	**$16,900.00**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.18 acre** Dimensions: **BUSINESS RELOCATION**

Acquisition: **501 sf (0.01 ac)**

After: **7405 sf**

Tax Map No.: **4660300158** Plat Information: Book Page

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Betty T. Varner	**James Milton and Clara F. Milton**	**s-5/31/1996 r-6/05/1996**	**$38,000.00**	**Z269**	**569**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **10+00** To **12+00 RT Spruill Ave.** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **50** Feet On **RT Spruill Ave.** Side Of The Centerline

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4K, 22** R/W Agent **Brian Whiting** Tract **54 and 56**

OWNER'S AND ADDRESSES

Name & Address: **HLM and Associates, LP, 2681 Spruill Ave, N. Chas, SC 29405**
MIMS CAPITAL CORP, Harold Mims, Jr.

Phone: Day 843-744-4271 Debbie Walker Evening **mimsamusementco@knology.net**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **none**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **1.23 acres (Lot A-1)** Dimensions: **Lot A-1 and Lot B-1**

1.22 acres (Lot B-1) **2671 Spruill Ave, N. Chas, SC 29405**

2.45 acres Total

Acquisition: **0.03 acres (1307 sf)**

0.03 acres (1307 sf)

0.06 acres (2614 sf) Total

After: **1.2 acres**

1.19 acres

2.39 acres Total

Tax Map No.: **466-03-00-156 (Lot A-1)** Plat Information: Book **Y** Page **111**

466-03-00-157 (Lot B-1) **DC** **823**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Lot A-1 Harold L. Mims, Jr. a/k/a Harold Mims and Eula J. Mims	**HLM and Associates, LP,**	**9/1/98 S 9/24/98 R**	**1.00**	**M311**	**123**
South Atlantic Nafino, Inc	**Harold L. Mims. Jr.**	**9/1/98 S 9/24/98 R**	**1.00**	**M311**	**123**
Lot B-1 Harold L. Mims, Jr. a/k/a Harold Mims and Eula J. Mims	**HLM and Associates, LP,**	**9/1/98 S 9/24/98 R**	**1.00**	**M311**	**123**
Caroline I. Condon	**Harold L. Mims. Jr.**	**12/12/67 R**		**H89**	**39**

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4K, 22** R/W Agent **Brian Whiting** Tract **54 and 56**

OWNER'S AND ADDRESSES

Name & Address: **HLM and Associates, LP, 2681 Spruill Ave, N. Chas, SC 29405**
MIMS CAPITAL CORP, Harold Mims, Jr.

Phone: Day 843-744-4271 Debbie Walker Evening **mimsamusementco@knology.net**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **none**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **1.23 acres (Lot A-1)**
1.22 acres (Lot B-1)
2.45 acres Total

Dimensions: **Lot A-1 and Lot B-1**
2671 Spruill Ave, N. Chas, SC 29405

Acquisition: **0.03 acres (1307 sf)**
0.03 acres (1307 sf)
0.06 acres (2614 sf) Total

After: **1.2 acres**
1.19 acres
2.39 acres Total

Tax Map No.: **466-03-00-156 (Lot A-1)**
466-03-00-157 (Lot B-1)

Plat Information: Book **Y** Page **111**
DC **823**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Lot A-1 Harold L. Mims, Jr. a/k/a Harold Mims and Eula J. Mims	**HLM and Associates, LP,**	**9/1/98 S 9/24/98 R**	**1.00**	**M311**	**123**
South Atlantic Nafino, Inc	**Harold L. Mims. Jr.**	**9/1/98 S 9/24/98 R**	**1.00**	**M311**	**123**
Lot B-1 Harold L. Mims, Jr. a/k/a Harold Mims and Eula J. Mims	**HLM and Associates, LP,**	**9/1/98 S 9/24/98 R**	**1.00**	**M311**	**123**
Caroline I. Condon	**Harold L. Mims. Jr.**	**12/12/67 R**		**H89**	**39**

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **Gen8** Item

Plan Sheet: **4C,4K,22** R/W Agent **Brian Whiting** Tract **55**

OWNER'S AND ADDRESSES

Name & Address: **Mims Amusement Company, Partnership, 2681 Spruill Avenue, N. Charleston, SC 29405**

Phone: Day **843-744-4271 Debbie Walker** Evening **mimsamusementco@knology.net**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.52 ac** Dimensions:

Acquisition: **0.06 ac or 2613 sf**

After: **0.46 ac**

Tax Map No.: **466-04-00-005** Plat Information: Book **N** Page **151**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Universal Mortgage and Loan Corp.	**Mims Amusement Company, Partnership**	**6-30-09** **6-29-09**	**1.00**	**64**	**806**
Wm. F. Condon, Sr.	**Universal Mortgage and Loan Corp.**	**1-1-60** **1-1-60**		**Y-68**	**379**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **8+71 Spruill Ave LT** To **10+40 Spruill Ave LT** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

Awning on building, landscaped area, 7 parking spaces
Moving items: parking bumpers

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **Gen8** Item

Plan Sheet: **4C,4K,22** R/W Agent **Brian Whiting** Tract **55**

OWNER'S AND ADDRESSES

Name & Address: **Mims Amusement Company, Partnership, 2681 Spruill Avenue, N. Charleston, SC 29405**

Phone: Day **843-744-4271 Debbie Walker** Evening **mimsamusementco@knology.net**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.52 ac** Dimensions:

Acquisition: **0.06 ac or 2613 sf**

After: **0.46 ac**

Tax Map No.: **466-04-00-005** Plat Information: Book **N** Page **151**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Universal Mortgage and Loan Corp.	**Mims Amusement Company, Partnership**	**6-30-09 6-29-09**	**1.00**	**64**	**806**
Wm. F. Condon, Sr.	**Universal Mortgage and Loan Corp.**	**1-1-60 1-1-60**		**Y-68**	**379**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **8+71 Spruill Ave LT** To **10+40 Spruill Ave LT** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

Awning on building, landscaped area, 7 parking spaces
Moving items: parking bumpers

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **Gen8** Item

Plan Sheet: **4C,4K,23** R/W Agent **Willie B. Johnson** Tract **57**

OWNER'S AND ADDRESSES

Name & Address: **2533 Spruill Avenue, LLC, a South Carolina Limited Liability Company, c/o Loren Ziff, 856 Lowcountry Boulevard, Suite 101, Mt. Pleasant, SC 29464**

Phone: Day **843-270-6000 -c 843-723-2222 - o** Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.08 ac** Dimensions:

Acquisition: **0.03 ac (1316 sf)**

After: **0.05 ac**

Tax Map No.: **4660800421** Plat Information: Book **C** Page **170**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Eastrock Properties, LLC, a South Carolina Limited Liability Company	**2533 Spruill Avenue, LLC, a South Carolina Limited Liability Company**	**06-23-05 06-08-05**	**5.00**	**B-542**	**319**
Rebecca R. langley	**Eastrock Properties, LLC**	**03-11-05 03-10-05**	**57,000.00**	**0-528**	**513**
John C. Langley, Jr.	**Rebecca R. Langley**	**06-19-79 06-18-79**	**5.00**	**M-119**	**250**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From To (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road (R/W Corridor)** Pin **37345** RDO1 File: **10.037345A**

County: **Charleston** Project: **Gen8** Item _____

Plan Sheet: **4C,4K,23** R/W Agent ~~**Willie B. Johnson**~~ Lynn Tract **57**

OWNER'S AND ADDRESSES

Name & Address: **2533 Spruill Avenue, LLC, a South Carolina Limited Liability Company, c/o Loren Ziff, 856 Lowcountry Boulevard, Suite 101, Mt. Pleasant, SC 29464**

Phone: Day **843-270-6000 -c 843-723-2222 - o** Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses:

OWNERSHIP

Before: **0.08 ac** Dimensions: _____

Acquisition: **0.03 ac (1316 sf)**

After: **0.05 ac**

Tax Map No.: **4660800421** Plat Information: Book **C** Page **170**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Eastrock Properties, LLC, a South Carolina Limited Liability Company	**2533 Spruill Avenue, LLC, a South Carolina Limited Liability Company**	**06-23-05 06-08-05**	**5.00**	**B-542**	**319**
Rebecca R. langley	**Eastrock Properties, LLC**	**03-11-05 03-10-05**	**57,000.00**	**0-528**	**513**
John C. Langley, Jr.	**Rebecca R. Langley**	**06-19-79 06-18-79**	**5.00**	**M-119**	**250**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From _____ To _____ (2) From _____ To _____

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

Do Not Contact

CE

SCDOT R/W Form 809 (01-09)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: 40 **4I, 4K, ~~5B~~, 23** R/W Agent **Brian Whiting** Tract **58**

OWNER'S AND ADDRESSES

Name & Address: **Spadaro Holdings I, LLC, 6899 Phillips Industrial Blvd, Jacksonville, Fl 32256**

Phone: Day Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Bank of America NA, FL9-100-03-15, POB 40329, Jacksonville, Fl 32202-0329**

Recorded: Book **Y608** Page **1** Date **12/15/06** Amount **$600,000**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **Assignment of rents to Bank of America NA, FL9-100-03-15, POB 40329, Jacksonville, Fl 32202-0329, recorded 12/15/06, Book Y608, Pg 616**

OWNERSHIP

Before: **1.493 acres** Dimensions: **Lots 48-54, Block 28**

2532 Spruill Ave, N. Chas, SC 29405

Acquisition: **0.06 acres (2614 sf)** 0.16 (7094 sf)

After: ~~**1.433 acres**~~ 1.32

Tax Map No.: **466-08-00-499** Plat Information: Book **U** Page **156**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
NRR Properties, a New York General Partnership	**Spadaro Holdings I, LLC**	**11/13/06 S 12/15/06 R**	**$750,000**	**V608 P368**	**834 347**
Old Dominion Tabacco Company, Inc as successor by merger to Atlantic Tobacco Company of South Carolina, Inc	**NRR Properties, a New York General Partnership**	**12/19/00 S 12/27/00 R**	**231,000**	**Z360**	**234**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From ~~**21+90 Spruill Ave**~~ To ~~**23+75 Spruill Ave**~~ (2) From ~~**10+38 Shipyard Creek Rd RT**~~ To ~~**14+50 Shipyard Creek Rd Rt**~~

~~**LT**~~ 21+00 ~~**LT**~~ 24+00 Lt

Stations (3) From To Spruill Ave (4) From 10+00 To 15+00 Rt Shipyard Creek

Width Of R/W Feet, That Is **50** Feet On **Lt** Side Of The Centerline

18,500

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (01-09)

CE/AP

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4C, 4I, 4K, 23** R/W Agent **Brian Whiting** Tract **58**

OWNER'S AND ADDRESSES

Name & Address: **Spadaro Holdings I, LLC, 6899 Phillips Industrial Blvd, Jacksonville, Fl 32256**

Phone: Day **904-363-3417 Carl Spadaro** Evening **ksmith@isokern.net**

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **Bank of America NA, FL9-100-03-15, POB 40329, Jacksonville, Fl 32202-0329**

Recorded: Book **Y608** Page **1** Date **12/15/06** Amount **$600,000**

☐ Lessees ☐ Liens ☐ Judgements

Name(s)/Addresses: **Assignment of rents to Bank of America NA, FL9-100-03-15, POB 40329, Jacksonville, Fl 32202-0329, recorded 12/15/06, Book Y608, Pg 616**

OWNERSHIP

Before: ~~1.493 acres~~ 1.48 ac

Dimensions: **Lots 48-54, Block 28**

2532 Spruill Ave, N. Chas, SC 29405

Acquisition: **0.16 acres (7094 sf)**

After: **1.32 acres**

Tax Map No.: **466-08-00-499** Plat Information: Book **U** Page **156**

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
NRR Properties, a New York General Partnership	**Spadaro Holdings I, LLC**	**11/13/06 S 12/15/06 R**	**$750,000**	**V608 P368**	**834 347**
Old Dominion Tobacco Company, Inc as successor by merger to Atlantic Tobacco Company of South Carolina, Inc	**NRR Properties, a New York General Partnership**	**12/19/00 S 12/27/00 R**	**231,000**	**Z360**	**234**

Type Of Instrument: ☐ Easement ☒ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **21+00 Spruill Ave LT** To **24+00 Spruill Ave LT** (2) From **10+00 Shipyard Creek Rd RT** To **15+00 Shipyard Creek Rd Rt**

Stations (3) From To (4) From To

Width Of R/W Feet, That Is **50** Feet On **Lt** Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345 RD01** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4C, 4F, 11** R/W Agent **Helen Johnson Hand** Tract **59**

OWNER'S AND ADDRESSES

Name & Address: **Sonoco Recycling, Inc. 1 N 2ND Street, Hartsville, SC 29550**

Phone: Day Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book Page Date Amount

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **5.07 acs.** Dimensions: **Strip take of land ; chain link fencing w/ barb wire – moving item**

2025 Tellico Rd

Acquisition: **141 sf.**

After: **5.07 acs.**

Tax Map No.: **466-00-00-062** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
PSD Acquisitions, LLC, A South Carolina Limited Liability Company	**Paper Stock Dealers, Inc.**	**11/16/2007 11/21/2007**	**$5.00 and other valuable consideration**	**N644**	**742**
Ashley II of Charleston, LLC, A South Carolina Limited Liability Company	**PSD Acquisitions, LLC, A South Carolina Limited Liability Company**	**05/30/2007 05/31/2007**	**$875,000.00**	**J627**	**217**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **62+00** To **64+00 RT Mainline** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

Do not Contact

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4C, 4H** R/W Agent **Helen Johnson Hand** Tract **60**

OWNER'S AND ADDRESSES

Name & Address: **George A. Blackwell and The Estate of Caroline S. Alston, 104 The Oaks Avenue, Goose Creek, SC 29445-3251**

Phone: Day _____ Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **5.50 acs.** Dimensions: **Strip take of natural vegetation**

Acquisition: **0.02 ac. (721 sf)**

After: **5.48 acs.**

Tax Map No.: **466-04-00-009** Plat Information: Book _____ Page _____

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
Charles A. Fox	**George A.Blackwell**	**11/30/1982 01/21/1983**	**$5.00 and other valuable consideration**	**L130**	**258**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **11+00** To **12+00 Rt Bainbridge Connector** (2) From _____ To _____

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

Do not contact

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4l, 24** R/W Agent **Helen Johnson Hand** Tract **62**

OWNER'S AND ADDRESSES

Name & Address: **McDew, LLC, a South Carolina Limited Liability Company, Post Office Box 478, Charleston, SC 29402**

Phone: Day Evening

SSN:

MORTGAGES AND ADDRESSES

Name & Address: **RBC Centura Bank**

Recorded: Book **X611** Page **775** Date **01/12/2007** Amount **$800,000.00**

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **1.29 acs.** Dimensions: **Strip take of vacant land**

2635 Carner Avenue

Acquisition: **0.01 ac. (241 sf)**

After: **1.28 acs.**

Tax Map No.: **466-03-00-002** Plat Information: Book Page

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
David W. Abdo and Craig Mitchum	**McDew, LLC, A South Carolina Limited Liability Company**	**01/12/2007 01/12/2007**	**$10.00**	**V611**	**874**
Evie Nettles Feagin a/k/a Evie Lou Fagin	**David W. Abdo and Craig Mitchum**	**03/30/3006 03/30/2006**	**$325,000.00**	**Y577**	**352**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5+00** To **8+00 Lt Meeting Street Road** (2) From To

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

Do not contact

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4l, 24** R/W Agent **Helen Johnson Hand** Tract **63**

OWNER'S AND ADDRESSES

Name & Address: **The Board of Trustees of Calvary AME Church, 2040 Groveland Avenue, Charleston, SC 29405**

Phone: Day **Rev. Edward McClain, 843-747-0533** Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **0.42 ac.** Dimensions: **Strip take of vacant land**

Acquisition: **0.04 ac. (1897 sf)**

After: **0.38 acs.**

Tax Map No.: **469-00-00-005** Plat Information: Book _____ Page _____

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Carla Gombash a/k/a Carla Passmore	**The Board of Trustees of Calvary A.M.E Church**	**02/27/2006 02/28/2006**	**$7,000.00**	**E574**	**741**
Jams M. Farris, Delinquent Tax Collector for Charleston County	**Carla Gombash a/k/a Carla Passmore**	**01/07/2004 03/18/2004**	**$900.00**	**P487**	**160**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5+00** To **7+00 Rt Meeting Street Road** (2) From _____ To _____

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

CE

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** RD01 File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: 4, **41, 24** R/W Agent **Helen Johnson Hand** Tract **63**

OWNER'S AND ADDRESSES

Name & Address: **The Board of Trustees of Calvary AME Church, 2040 Groveland Avenue, Charleston, SC 29405**

Phone: Day **Rev. Edward McClain, 843-747-0533** Evening _____

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address: **NOR**

Recorded: Book _____ Page _____ Date _____ Amount _____

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **0.42 ac.** Dimensions: **Strip take of vacant land**

Acquisition: **0.04 ac. (1897 sf)**

After: **0.38 acs.**

Tax Map No.: **469-00-00-005** Plat Information: Book _____ Page _____

TITLE ABSTRACT

From	To	Date	Amount	Book	Page
Carla Gombash a/k/a Carla Passmore	**The Board of Trustees of Calvary A.M.E Church**	**02/27/2006 02/28/2006**	**$7,000.00**	**E574**	**741**
Jams M. Farris, Delinquent Tax Collector for Charleston County	**Carla Gombash a/k/a Carla Passmore**	**01/07/2004 03/18/2004**	**$900.00**	**P487**	**160**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No 6+00 LT Advertise: ☐ Yes ☐ No

Survey (1) From ~~5+00~~ 0+00 To ~~7+00 Rt~~ **Meeting Street Road** (2) From _____ To _____

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

SCDOT R/W Form 809 (09-03)

Do not contact

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item

Plan Sheet: **4D, 8** R/W Agent **Helen Johnson Hand** Tract **67**

OWNER'S AND ADDRESSES

Name & Address: **The Board of Trustees of Calvary AME Church, 2040 Groveland Avenue, Charleston, SC 29405**

Phone: Day **Rev. Edward McClain** Evening

843-747-0533

SSN:

MORTGAGES AND ADDRESSES

Name & Address:

Recorded: Book **G285** Page **721** Date **06/09/1997** Amount **$40,000.00**

06/10/1997

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **`1.22 ac.** Dimensions: **Strip take of wooded area**

Acquisition: ~~**0.03 ac. (1097 sf)**~~ 0.02 acre (1,063 SF)

After: **1.19 acs.**

Tax Map No.: **466-07-00-001** Plat Information: Book Page

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
James Pressley, Jr.	**Louis Leachman, Daniel Pinckney, Lee Grant, Elizabeth Bradley and Evonne Ellison**	**02/12/2009 02/18/2009**	**$565,000.00**	**0035**	**803**
Anthony Rhodes	**James Pressley, Jr.**	**06/09/1997 06/09/1997**		**G285**	**146**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5740+00** To **5738+00 Lt** (2) From To

Line H Survey

Stations (3) From To (4) From To

Width Of R/W Feet, That Is Feet On Side Of The Centerline

OTHER SPECIAL PROVISIONS

2,000

SCDOT R/W Form 809 (09-03)

RIGHT OF WAY AGENT'S WORKSHEET

Road/Route: **Port Access Road** Pin **37345** File: **10.037345A**

County: **Charleston** Project: **GEN8** Item _____

Plan Sheet: **4D, 8** R/W Agent **Helen Johnson Hand** Tract **67**

OWNER'S AND ADDRESSES

Name & Address: **The Board of Trustees of Calvary AME Church, 2040 Groveland Avenue, Charleston, SC 29405**

Phone: Day **Rev. Edward McClain** Evening

843-747-0533

SSN: _____

MORTGAGES AND ADDRESSES

Name & Address:

Recorded: Book **G285** Page **721** Date **06/09/1997** Amount **$40,000.00**

06/10/1997

☐ Lessees - NOR ☐ Liens - NOR ☐ Judgements - NOR

Name(s)/Addresses:

OWNERSHIP

Before: **1.22 ac.** Dimensions: **Strip take of wooded area**

Acquisition: ~~**0.03 ac. (1097 sf)**~~ 0.02 (1063 sf)

After: ~~**1.19 acs.**~~ 1.20

Tax Map No.: **466-07-00-001** Plat Information: Book _____ Page _____

TITLE ABSTRACT					
From	To	Date	Amount	Book	Page
James Pressley, Jr.	**Louis Leachman, Daniel Pinckney, Lee Grant, Elizabeth Bradley and Evonne Ellison**	**02/12/2009 02/18/2009**	**$565,000.00**	**0035**	**803**
Anthony Rhodes	**James Pressley, Jr.**	**06/09/1997 06/09/1997**		**G285**	**146**

Type Of Instrument: ☐ Easement ☐ Title ☐ Permission ☐ Other

Condemn ☐ Yes ☐ No Advertise: ☐ Yes ☐ No

Survey (1) From **5740+00** To **5738+00** ~~**Lt**~~ RT (2) From To

Line H Survey

Stations (3) From _____ To _____ (4) From _____ To _____

Width Of R/W _____ Feet, That Is _____ Feet On _____ Side Of The Centerline

OTHER SPECIAL PROVISIONS

C/A

APPENDIX IV

EDR FIELD CHECK ENVIRONMENTAL DATABASE REPORT

Port Access Road
Spruill Avenue
North Charleston, SC 29405

Inquiry Number: 2915406.2s
November 12, 2010

The EDR Radius Map™ Report with GeoCheck®

Prepared using the EDR FieldCheck® System

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	735
Zip Scan Report	ZIP-1
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	A-15

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of the environmental records was conducted by Environmental Data Resources, Inc. (EDR). S&ME used the EDR FieldCheck System to review and/or revise the results of this search, based on independent data verification by S&ME. The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SPRUILL AVENUE
NORTH CHARLESTON, SC 29405

COORDINATES

Latitude (North):	32.838660 - 32° 50' 19.2''
Longitude (West):	79.958400 - 79° 57' 30.2''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	597483.0
UTM Y (Meters):	3633691.0
Elevation:	15 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	32079-G8 CHARLESTON, SC
Most Recent Revision:	1994

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2005, 2006
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No sites were identified in following databases.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

EXECUTIVE SUMMARY

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal ERNS list

ERNS ..... Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
SWRCY ..... Solid Waste Recycling Facilities
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
CDL ..... Clandestine Drug Lab Sites
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LUCIS ..... Land Use Control Information System

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS ..... Spills Database List

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File

TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
UIC	Underground Injection Wells Listing
DRYCLEANERS	Drycleaner Database
NPDES	Waste Water Treatment Facilities Listing
AIRS	Permitted Airs Facility Listing
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH	Coal Ash Disposal Sites
COAL ASH DOE	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

EXECUTIVE SUMMARY

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

An online review and analysis by S&ME of the NPL list,
as provided by EDR, and dated 07/02/2010 has revealed that there are 2 NPL sites
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MACALLOY CORPORATION	***1800 PITTSBURG AVENUE***	***ESE 1/8 - 1/4 (0.178 mi.)***	***Q57***	***141***
KOPPERS CO., INC. (CHARLESTON	***CHARLESTON HEIGHTS***	***S 1/2 - 1 (0.536 mi.)***	***AF103***	***264***

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

An online review and analysis by S&ME of the CERCLIS list,
as provided by EDR, and dated 01/29/2010 has revealed that there are 7 CERCLIS sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VCC-WANDO	2390 BAKER HOSPITAL BOU	SW 0 - 1/8 (0.057 mi.)	H34	45
MACALLOY CORPORATION	***1800 PITTSBURG AVENUE***	***ESE 1/8 - 1/4 (0.178 mi.)***	***Q57***	***141***
STONO PHOSPHATE WORKS	***2079 AUSTIN AVENUE***	***SW 1/4 - 1/2 (0.322 mi.)***	***74***	***210***
ATLANTIC PHOSPHATE WORKS	***HAGOOD AVENUE @ ASHLEY***	***SW 1/4 - 1/2 (0.436 mi.)***	***AB91***	***233***
WR GRACE AND CO	***1820 HARMON ST***	***ESE 1/4 - 1/2 (0.483 mi.)***	***99***	***255***
COLUMBIA NITROGEN	***WEST END OF MILFORD ST***	***SSW 1/4 - 1/2 (0.491 mi.)***	***100***	***260***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SWIFT AGRI-CHEM CORP	***2750 SPEISSEGGER DRIVE***	***W 1/8 - 1/4 (0.197 mi.)***	***60***	***183***

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

An online review and analysis by S&ME of the CERC-NFRAP list,
as provided by EDR, and dated 06/23/2009 has revealed that there are 2 CERC-NFRAP sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL CHEMICAL CO	***KING ST EXTN***	***SW 1/8 - 1/4 (0.144 mi.)***	***52***	***68***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
PRESTRESS CONCRETE 3	CHERRY HILL LANE	ESE 1/4 - 1/2 (0.460 mi.)	AD94	239

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

An online review and analysis by S&ME of the CORRACTS list,
as provided by EDR, and dated 05/25/2010 has revealed that there are 4 CORRACTS sites
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL CHEMICAL CO	***KING ST EXTN***	***SW 1/8 - 1/4 (0.144 mi.)***	***52***	***68***
MACALLOY CORPORATION	***1800 PITTSBURG AVENUE***	***ESE 1/8 - 1/4 (0.178 mi.)***	***Q57***	***141***
KINDER MORGAN BULK TERMINALS	***1500 GREENLEAF ST***	***SE 1/2 - 1 (0.671 mi.)***	***110***	***684***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
NAVAL SHIPYARD - CHARLESTON	***VIADUCT ROAD***	***NNW 1/2 - 1 (0.586 mi.)***	***108***	***288***

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

An online review and analysis by S&ME of the RCRA-TSDF list,
as provided by EDR, and dated 02/17/2010 has revealed that there are 2 RCRA-TSDF sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOBIL CHEMICAL CO	***KING ST EXTN***	***SW 1/8 - 1/4 (0.144 mi.)***	***52***	***68***
MACALLOY CORPORATION	***1800 PITTSBURG AVENUE***	***ESE 1/8 - 1/4 (0.178 mi.)***	***Q57***	***141***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

An online review and analysis by S&ME of the RCRA-LQG list,
as provided by EDR, and dated 02/17/2010 has revealed that there are 2 RCRA-LQG sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PSC CONTAINER SERVICES LLC	2015 TELLICO RD	ESE 0 - 1/8 (0.073 mi.)	35	45
MOBIL CHEMICAL CO	***KING ST EXTN***	***SW 1/8 - 1/4 (0.144 mi.)***	***52***	***68***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

An online review and analysis by S&ME of the RCRA-SQG list,
as provided by EDR, and dated 02/17/2010 has revealed that there are 2 RCRA-SQG sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON GLOBAL INDUSTRIES	***1 STROMBOLI RD***	***0 - 1/8 (0.000 mi.)***	***15***	***21***
PLANTATION PAINTERS INC	2128 SPRUILL AVE	0 - 1/8 (0.000 mi.)	21	30

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

An online review and analysis by S&ME of the RCRA-CESQG list,
as provided by EDR, and dated 02/17/2010 has revealed that there are 5 RCRA-CESQG sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRANSFLO TERMINAL SERVICES INC	***1990 TUXBURY LANE***	***0 - 1/8 (0.000 mi.)***	***G18***	***24***
JENNINGS BODY SHOP	***2038 MEETING ST***	***ESE 0 - 1/8 (0.088 mi.)***	***J42***	***56***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CMC CONSTRUCTION SERVICES	***2740 AZALEA DR***	***NNW 0 - 1/8 (0.043 mi.)***	***I30***	***39***
LIQUID TRANSPORT CORPORATION	***2025 AUSTIN AVE***	***SW 0 - 1/8 (0.075 mi.)***	***37***	***49***
CAMERON & BARKLEY CO	***2821 AZALEA DR***	***WNW 1/8 - 1/4 (0.235 mi.)***	***65***	***197***

EXECUTIVE SUMMARY

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

An online review and analysis by S&ME of the US ENG CONTROLS list,
as provided by EDR, and dated 12/20/2009 has revealed that there is 1 US ENG CONTROLS site
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MACALLOY CORPORATION	***1800 PITTSBURG AVENUE***	***ESE 1/8 - 1/4 (0.178 mi.)***	***Q57***	***141***

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

An online review and analysis by S&ME of the US INST CONTROL list,
as provided by EDR, and dated 12/20/2009 has revealed that there is 1 US INST CONTROL site
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MACALLOY CORPORATION	***1800 PITTSBURG AVENUE***	***ESE 1/8 - 1/4 (0.178 mi.)***	***Q57***	***141***

State- and tribal - equivalent CERCLIS

SHWS: State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

An online review and analysis by S&ME of the SHWS list,
as provided by EDR, and dated 10/05/2010 has revealed that there are 39 SHWS sites
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BESCO FACILITY (FORMER)	***2490 DEBONAIR ST***	***0 - 1/8 (0.000 mi.)***	***C23***	***32***
WANDO PHOSPHATE MILL	BAKER HOSPITAL BLVD	SW 0 - 1/8 (0.004 mi.)	H25	36
MOBIL CHEMICAL CO	***KING ST EXTN***	***SW 1/8 - 1/4 (0.144 mi.)***	***52***	***68***
POLO CHAMP, LLC SITE	***2000 MEETING ST***	***ESE 1/8 - 1/4 (0.147 mi.)***	***P53***	***134***
BRANDT SITE	***1990 / 2000 PITTSBURG***	***ESE 1/8 - 1/4 (0.148 mi.)***	***P54***	***137***
HALL TWO SITE	***AUSTIN AVE***	***SW 1/8 - 1/4 (0.201 mi.)***	***62***	***189***
INFINGER TRANSPORTATION COMPAN	***2811 CARNER AVENUE***	***NNW 1/4 - 1/2 (0.251 mi.)***	***S69***	***201***
STONO PHOSPHATE WORKS	***2079 AUSTIN AVENUE***	***SW 1/4 - 1/2 (0.322 mi.)***	***74***	***210***
CHARLESTON SUPPLY CO. SITE	***1791 KING ST EXT***	***SSE 1/4 - 1/2 (0.335 mi.)***	***76***	***215***
METAL TRADES SITE	***1905 PITTSBURGH AVE***	***ESE 1/4 - 1/2 (0.406 mi.)***	***Y84***	***225***
CHARLESTON CITY OF GARAGE	***1950 MILFORD ST***	***SSE 1/4 - 1/2 (0.409 mi.)***	***Z85***	***225***
SCE&G HAGOOD	***2200 HAGOOD ROAD***	***SW 1/4 - 1/2 (0.467 mi.)***	***AB96***	***241***
WR GRACE AND CO	***1820 HARMON ST***	***ESE 1/4 - 1/2 (0.483 mi.)***	***99***	***255***
COLUMBIA NITROGEN	***WEST END OF MILFORD ST***	***SSW 1/4 - 1/2 (0.491 mi.)***	***100***	***260***
KOPPERS CO/TREATING PLANT	***#3 BRASWELL STREET***	***S 1/2 - 1 (0.526 mi.)***	***AF102***	***263***
KOPPERS/SQUIRE	***1951 MILFORD ST***	***S 1/2 - 1 (0.539 mi.)***	***AF104***	***280***
KOPPERS/PAPER STOCK	***20 BRASWELL ST***	***S 1/2 - 1 (0.563 mi.)***	***AF106***	***283***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FED SERV, INC.	***MILFORD ROAD***	***ESE 1/2 - 1 (0.572 mi.)***	***107***	***285***
EDISTO PHOSPHATE COMPANY	1884 HERBERT ST	ESE 1/2 - 1 (0.718 mi.)	113	705
HALL ONE SITE	***1593 OCEANIC ST***	***S 1/2 - 1 (0.752 mi.)***	***115***	***707***
FMR. DRYCLEAN USA COASTAL, INC	***3328 RIVERS AVE***	***NW 1/2 - 1 (0.857 mi.)***	***117***	***709***
EXXON CO. USA/CHARLESTON TERMI	***GREENLEAF ST***	***SE 1/2 - 1 (0.968 mi.)***	***120***	***713***
PACIFIC GUANO	***1505 KING STREET EXTENS***	***S 1/2 - 1 (0.968 mi.)***	***121***	***728***
KINDER MORGAN	***1801 MILFORD ST***	***ESE 1/2 - 1 (0.973 mi.)***	***122***	***732***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VAN NESS SIGN & LEASING SITE	***AUSTIN AVE***	***0 - 1/8 (0.000 mi.)***	***20***	***29***
BAKER-I26 SITE	2381 BAKER HOSPITAL BLV	SW 0 - 1/8 (0.101 mi.)	N45	60
SWIFT AGRI-CHEM CORP	***2750 SPEISSEGGER DRIVE***	***W 1/8 - 1/4 (0.197 mi.)***	***60***	***183***
CHICORA TANK FARM	***2950 CARNER AVE***	***WNW 1/4 - 1/2 (0.281 mi.)***	***70***	***204***
PRESTRESS CONCRETE INC	PITT ST / CHERRY HILL	ESE 1/4 - 1/2 (0.467 mi.)	AD95	241
WHITE POINT SERVICES/DRYCLEANI	2960 RIVERS AVE	WNW 1/2 - 1 (0.525 mi.)	101	263
MACALLOY CORPORATION	***1800 PITTSBURGH AVE***	***ESE 1/2 - 1 (0.545 mi.)***	***105***	***282***
NAVAL SHIPYARD - CHARLESTON	***VIADUCT ROAD***	***NNW 1/2 - 1 (0.586 mi.)***	***108***	***288***
PEPPER INDUSTRIES INC	***MILFORD ROAD***	***WNW 1/2 - 1 (0.618 mi.)***	***109***	***679***
ASHEPOO/RESCO TOWER	***61 BRASWELL ST***	***S 1/2 - 1 (0.680 mi.)***	***AG111***	***704***
ASHEPOO/OSWALD	***71 BRASWELL ST***	***S 1/2 - 1 (0.712 mi.)***	***AG112***	***705***
ASHEPOO/KENAN TRANSPORT SITE	***81 BRASWELL ST***	***S 1/2 - 1 (0.728 mi.)***	***114***	***706***
OCEANIC STREET SITE	***1599 OCEANIC ST***	***S 1/2 - 1 (0.769 mi.)***	***116***	***708***
ETIWAN PHOSPHATE COMPANY	***MILFORD STREET***	***ESE 1/2 - 1 (0.886 mi.)***	***118***	***709***
CHARLESTON NAVAL COMPLEX	***1670 DRY DOCK AVE***	***NNW 1/2 - 1 (0.922 mi.)***	***119***	***711***

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Health & Environmental Control's Permitted Landfills List/Inactive MSWLF List.

An online review and analysis by S&ME of the SWF/LF list,
as provided by EDR, and dated 09/22/2010 has revealed that there are 4 SWF/LF sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONTENAY CHARLESTON RESOURCE R		0 - 1/8 (0.000 mi.)	D12	18

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHARLESTON/SPRUILL AVE DUMP		0 - 1/8 (0.000 mi.)	B3	10
GASTON DUMP		0 - 1/8 (0.000 mi.)	9	16
CHARLESTON CO DUMP		SW 1/8 - 1/4 (0.140 mi.)	48	63

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health & Environmental Control's Leaking UST list.

An online review and analysis by S&ME of the LUST list,
as provided by EDR, and dated 08/25/2010 has revealed that there are 28 LUST sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RUSCON CORP PROP	***2711 AZALEA DR***	***0 - 1/8 (0.000 mi.)***	***A1***	***7***
DAN BEACH	***2665 SPRUILL AVE***	***0 - 1/8 (0.000 mi.)***	***B4***	***11***
BELCHER SERV STATION	***2502 SPRUILL AVE***	***0 - 1/8 (0.000 mi.)***	***E13***	***19***
No Action Required: 01/09/00				
CROSBYS GARAGE	***2204 MEETING ST***	***0 - 1/8 (0.000 mi.)***	***F22***	***31***
No Action Required: 09/18/00				
SILK STOCKINGS BY AMBER	2103 MEETING ST	ESE 0 - 1/8 (0.038 mi.)	J28	38
No Action Required: 11/06/06				
CIRCLE K 8108	***2745 SPRUILL AVE***	***NNW 0 - 1/8 (0.048 mi.)***	***K33***	***44***
No Action Required: 02/16/05				
J&G PROPERTIES INC	***2038 MEETING ST***	***ESE 0 - 1/8 (0.073 mi.)***	***J36***	***48***
No Action Required: 02/04/98				
METAL TRADES INC	***2778 SPRUILL AVE***	***NNW 0 - 1/8 (0.095 mi.)***	***M44***	***60***
No Action Required: 03/28/95				
SOUTHERN BELL CHTNSCGS	***2600 MEETING ST***	***ESE 1/8 - 1/4 (0.144 mi.)***	***P51***	***66***
No Action Required: 09/30/08				
PANTRY 3355	***1968 MEETING ST***	***ESE 1/8 - 1/4 (0.160 mi.)***	***P56***	***140***
No Action Required: 04/03/06				
No Action Required: 10/15/02				
MACALLOY CORPORATION	***1800 PITTSBURGH AVE***	***ESE 1/8 - 1/4 (0.184 mi.)***	***Q58***	***176***
No Action Required: 09/18/06				
MONARCH BUILDING SUPPLY	***2816 AZALEA DR***	***NW 1/8 - 1/4 (0.197 mi.)***	***R61***	***188***
No Action Required: 02/22/96				
W D ROBINSON ELECTRIC CO	***2821 MEETING ST***	***NNW 1/8 - 1/4 (0.237 mi.)***	***66***	***199***
No Action Required: 09/17/95				
YELLOW CAB CO OF CHAS INC	***2003 CHERRY HILL RD***	***ESE 1/4 - 1/2 (0.387 mi.)***	***W80***	***219***
No Action Required: 03/30/10				
PRYORS TEXACO	***2851 RIVERS AVE***	***NNW 1/4 - 1/2 (0.393 mi.)***	***X81***	***220***
No Action Required: 01/30/03				
CHARLESTON CITY OF GARAGE	1950 MILFORD ST	SSE 1/4 - 1/2 (0.409 mi.)	Z86	228
SOUTHERN TRUCK TERMINAL	***1805 MEETING ST***	***SE 1/4 - 1/2 (0.414 mi.)***	***AA89***	***231***
US DEPT OF STATE FINANCIAL SER	***1969 DYESS AVE***	***NE 1/4 - 1/2 (0.418 mi.)***	***90***	***232***
No Action Required: 08/09/95				
No Action Required: 07/01/10				
CHARLESTON COMMISSIONERS OF PU	2150 MILFORD ST	S 1/4 - 1/2 (0.442 mi.)	AC92	235
No Action Required: 02/19/09				
DREWS	***1705 MEETING ST***	***SSE 1/4 - 1/2 (0.473 mi.)***	***AE97***	***252***
No Action Required: 10/12/98				
PORT OIL DIVISION	***1766 MEETING ST***	***SE 1/4 - 1/2 (0.478 mi.)***	***AE98***	***254***
No Action Required: 01/08/07				

Lower Elevation	Address	Direction / Distance	Map ID	Page
INTERMODAL MANAGEMENT LTD	***2650 CARNER AVE***	***NNW 0 - 1/8 (0.029 mi.)***	***26***	***36***
No Action Required: 01/26/99				
CONSTRUCTION EQUIP SALES	2740 AZALEA DR	NNW 0 - 1/8 (0.037 mi.)	I27	37
No Action Required: 06/26/02				
BROWNING FERRIS INDUSTRIES	1934 SUMMERVILLE AVE	ESE 0 - 1/8 (0.085 mi.)	L41	55
No Action Required: 07/18/95				
RHODIA INC	***2151 KING ST EXT***	***SW 1/8 - 1/4 (0.192 mi.)***	***59***	***177***
No Action Required: 08/06/03				
HERMANN WAREHOUSE SE	1797 KING ST EXT	SE 1/4 - 1/2 (0.294 mi.)	T71	205
No Action Required: 02/28/08				
No Action Required: 02/08/08				
RENTAL SERVICE CORP STORE 477	2841 AZALEA DR	WNW 1/4 - 1/2 (0.318 mi.)	U73	208
No Action Required: 04/23/03				
No Action Required: 04/23/03				
CIRCLE K 8095	***2947 SPRUILL AVE***	***NNW 1/4 - 1/2 (0.376 mi.)***	***V78***	***217***
No Action Required: 11/13/02				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health & Environmental Control's list: Comprehensive Underground Storage Tanks.

An online review and analysis by S&ME of the UST list,
as provided by EDR, and dated 08/23/2010 has revealed that there are 20 UST sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAN BEACH	***2665 SPRUILL AVE***	***0 - 1/8 (0.000 mi.)***	***B4***	***11***
EXCEL APPARATUS SERVICES	2490 DEBONAIR ST	0 - 1/8 (0.000 mi.)	C5	13
GENERAL ELECTRIC CO	2490 DEBONAIR ST	0 - 1/8 (0.000 mi.)	C6	13
RUSCON CORP PROP	***2711 AZALEA DR***	***0 - 1/8 (0.000 mi.)***	***A8***	***15***
BELCHER SERV STATION	2502 SPRUILL AVE	0 - 1/8 (0.000 mi.)	E14	20
CROSBYS GARAGE	2204 MEETING ST	0 - 1/8 (0.000 mi.)	F17	24
SILK STOCKINGS BY AMBER	2103 MEETING ST	ESE 0 - 1/8 (0.039 mi.)	J29	39
CIRCLE K 8108	***2745 SPRUILL AVE***	***NNW 0 - 1/8 (0.046 mi.)***	***K32***	***43***
J&G PROPERTIES INC	***2038 MEETING ST***	***ESE 0 - 1/8 (0.073 mi.)***	***J36***	***48***
METAL TRADES INC	***2778 SPRUILL AVE***	***NNW 0 - 1/8 (0.095 mi.)***	***M44***	***60***
SOUTHERN BELL CHTNSCGS	***2600 MEETING ST***	***ESE 1/8 - 1/4 (0.144 mi.)***	***P51***	***66***
SPRUILL AVE 66	2748 SPRUILL AVE & CLEM	NNW 1/8 - 1/4 (0.148 mi.)	M55	139
MONARCH BUILDING SUPPLY	2816 AZALEA DR	NW 1/8 - 1/4 (0.202 mi.)	R63	191
W D ROBINSON ELECTRIC CO	***2821 MEETING ST***	***NNW 1/8 - 1/4 (0.237 mi.)***	***66***	***199***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CAROLINA SHIPPING COMPANY	1950 STROMBOLI AVE	0 - 1/8 (0.000 mi.)	11	18
C C SOUTH	1923 STROMBOLI AVE	0 - 1/8 (0.000 mi.)	16	24
INTERMODAL MANAGEMENT LTD	***2650 CARNER AVE***	***NNW 0 - 1/8 (0.029 mi.)***	***26***	***36***
CONSTRUCTION EQUIP SALES	2740 AZALEA DR	NNW 0 - 1/8 (0.045 mi.)	I31	42
BROWNING FERRIS INDUSTRIES	1934 SUMMERVILLE AVE	ESE 0 - 1/8 (0.080 mi.)	L39	53

Lower Elevation	Address	Direction / Distance	Map ID	Page
RHODIA INC	***2151 KING ST EXT***	***SW 1/8 - 1/4 (0.192 mi.)***	***59***	***177***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Health & Environmental Control's list: Comprehensive Aboveground Storage Tanks.

An online review and analysis by S&ME of the AST list,
as provided by EDR, and dated 03/25/2004 has revealed that there are 2 AST sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FOSTER WHEELER CHARLESTON RESO	1801 SHIPYARD CREEK ROA	0 - 1/8 (0.000 mi.)	D10	17
AMERICAST (TARMAC)	2750 AZALEA DRIVE	NNW 0 - 1/8 (0.092 mi.)	43	59

State and tribal institutional control / engineering control registries

RCR: The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

An online review and analysis by S&ME of the RCR list,
as provided by EDR, and dated 09/21/2010 has revealed that there are 9 RCR sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POLO CHAMP, LLC SITE	***2000 MEETING ST***	***ESE 1/8 - 1/4 (0.147 mi.)***	***P53***	***134***
BRANDT SITE	***1990 / 2000 PITTSBURG***	***ESE 1/8 - 1/4 (0.148 mi.)***	***P54***	***137***
MACALLOY CORPORATION	***1800 PITTSBURGH AVE***	***ESE 1/8 - 1/4 (0.184 mi.)***	***Q58***	***176***
2811 CARNER AVENUE SITE	***2811 CARNER AVENUE***	***NNW 1/8 - 1/4 (0.246 mi.)***	***S67***	***199***
RENTAL SERVICE CORP STORE 477	***2841 AZALEA DR***	***WNW 1/4 - 1/2 (0.322 mi.)***	***U75***	***213***
PRYORS TEXACO	***2851 RIVERS AVE***	***NNW 1/4 - 1/2 (0.393 mi.)***	***X81***	***220***
DREWS	***1705 MEETING ST***	***SSE 1/4 - 1/2 (0.473 mi.)***	***AE97***	***252***

Lower Elevation	Address	Direction / Distance	Map ID	Page
RHODIA INC	***2151 KING ST EXT***	***SW 1/8 - 1/4 (0.192 mi.)***	***59***	***177***
CIRCLE K 8095	***2947 SPRUILL AVE***	***NNW 1/4 - 1/2 (0.376 mi.)***	***V78***	***217***

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Sites from the Department of Health and Environmental Control.

An online review and analysis by S&ME of the VCP list,
as provided by EDR, and dated 09/21/2010 has revealed that there are 7 VCP sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POLO CHAMP, LLC SITE	***2000 MEETING ST***	***ESE 1/8 - 1/4 (0.147 mi.)***	***P53***	***134***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BRANDT SITE	*1990 / 2000 PITTSBURG*	*ESE 1/8 - 1/4 (0.148 mi.)*	*P54*	*137*
MACALLOY CORPORATION	*1800 PITTSBURGH AVE*	*ESE 1/8 - 1/4 (0.184 mi.)*	*Q58*	*176*
HALL TWO SITE	*AUSTIN AVE*	*SW 1/8 - 1/4 (0.201 mi.)*	*62*	*189*
2811 CARNER AVENUE SITE	*2811 CARNER AVENUE*	*NNW 1/8 - 1/4 (0.246 mi.)*	*S67*	*199*

Lower Elevation	Address	Direction / Distance	Map ID	Page
VAN NESS SIGN & LEASING SITE	*AUSTIN AVE*	*0 - 1/8 (0.000 mi.)*	*20*	*29*
SWIFT AGRI-CHEM CORP	*2750 SPEISSEGGER DRIVE*	*W 1/8 - 1/4 (0.197 mi.)*	*60*	*183*

State and tribal Brownfields sites

BROWNFIELDS: The Brownfields component of the Voluntary Cleanup Program allows a non responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation.

An online review and analysis by S&ME of the BROWNFIELDS list,
as provided by EDR, and dated 08/04/2010 has revealed that there are 12 BROWNFIELDS sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BESCO FACILITY (FORMER)	*2490 DEBONAIR ST*	*0 - 1/8 (0.000 mi.)*	*C23*	*32*
POLO CHAMP, LLC SITE	*2000 MEETING ST*	*ESE 1/8 - 1/4 (0.147 mi.)*	*P53*	*134*
BRANDT SITE	*1990 / 2000 PITTSBURG*	*ESE 1/8 - 1/4 (0.148 mi.)*	*P54*	*137*
HALL TWO SITE	*AUSTIN AVE*	*SW 1/8 - 1/4 (0.201 mi.)*	*62*	*189*
INFINGER TRANSPORTATION COMPAN	*2811 CARNER AVENUE*	*NNW 1/4 - 1/2 (0.251 mi.)*	*S69*	*201*
CHARLESTON SUPPLY CO. SITE	*1791 KING ST EXT*	*SSE 1/4 - 1/2 (0.335 mi.)*	*76*	*215*
METAL TRADES SITE	*1905 PITTSBURGH AVE*	*ESE 1/4 - 1/2 (0.406 mi.)*	*Y84*	*225*
CHARLESTON CITY OF GARAGE	*1950 MILFORD ST*	*SSE 1/4 - 1/2 (0.409 mi.)*	*Z85*	*225*

Lower Elevation	Address	Direction / Distance	Map ID	Page
VAN NESS SIGN & LEASING SITE	*AUSTIN AVE*	*0 - 1/8 (0.000 mi.)*	*20*	*29*
BAKER-I26 SITE	*2381 BAKER HOSPITAL BLV*	*SW 0 - 1/8 (0.106 mi.)*	*N46*	*61*
SWIFT AGRI-CHEM CORP	*2750 SPEISSEGGER DRIVE*	*W 1/8 - 1/4 (0.197 mi.)*	*60*	*183*
CHICORA TANK FARM	*2950 CARNER AVE*	*WNW 1/4 - 1/2 (0.281 mi.)*	*70*	*204*

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properites addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments

An online review and analysis by S&ME of the US BROWNFIELDS list,
as provided by EDR, and dated 06/24/2010 has revealed that there are 2 US BROWNFIELDS sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
METAL TRADES	1965 PITTSBURGH AVENUE	ESE 1/4 - 1/2 (0.404 mi.)	Y83	223

Lower Elevation	Address	Direction / Distance	Map ID	Page
1797 KING STREET EXTENSION	1797 KING STREET	SE 1/4 - 1/2 (0.306 mi.)	T72	206

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

An online review and analysis by S&ME of the ALLSITES list,
as provided by EDR, and dated 08/16/2010 has revealed that there are 11 ALLSITES sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POLO CHAMP LLC SITE	2000 MEETING ST	ESE 1/8 - 1/4 (0.143 mi.)	P50	66
BRANDT SITE	***1990 / 2000 PITTSBURG***	***ESE 1/8 - 1/4 (0.148 mi.)***	***P54***	***137***
MACALLOY CORPORATION	***1800 PITTSBURGH AVE***	***ESE 1/8 - 1/4 (0.184 mi.)***	***Q58***	***176***
HALL TWO SITE	***AUSTIN AVE***	***SW 1/8 - 1/4 (0.201 mi.)***	***62***	***189***
2811 CARNER AVENUE	2811 CARNER AVE	NNW 1/8 - 1/4 (0.247 mi.)	S68	200
STONO PHOSPHATE WORKS	***2079 AUSTIN AVENUE***	***SW 1/4 - 1/2 (0.322 mi.)***	***74***	***210***
METAL TRADES SITE	1905 PITTSBURGH AVE	ESE 1/4 - 1/2 (0.410 mi.)	Y87	228
SCE&G HAGOOD	***2200 HAGOOD ROAD***	***SW 1/4 - 1/2 (0.467 mi.)***	***AB96***	***241***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VAN NESS SIGN & LEASING SITE	***AUSTIN AVE***	***0 - 1/8 (0.000 mi.)***	***20***	***29***
BAKER-I26 SITE	***2381 BAKER HOSPITAL BLV***	***SW 0 - 1/8 (0.106 mi.)***	***N46***	***61***
SWIFT AGRI-CHEM CORP	***2750 SPEISSEGGER DRIVE***	***W 1/8 - 1/4 (0.197 mi.)***	***60***	***183***

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

An online review and analysis by S&ME of the RCRA-NonGen list,
as provided by EDR, and dated 02/17/2010 has revealed that there are 10 RCRA-NonGen sites
within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH ATLANTIC AMUSEMENTS	***2681 SPRUILL AVE***	***0 - 1/8 (0.000 mi.)***	***7***	***13***
FIRST RECOVERY	***1990 TUXBURY LANE***	***0 - 1/8 (0.000 mi.)***	***G19***	***27***
GENERAL ELECTRIC CO	***2490 DEBONAIR STREET***	***0 - 1/8 (0.000 mi.)***	***C24***	***33***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MACALLOY CORPORATION	*1800 PITTSBURG AVENUE*	*ESE 1/8 - 1/4 (0.178 mi.)*	*Q57*	*141*
YANCY CO INC	*1871 KING ST EXT*	*SE 1/8 - 1/4 (0.208 mi.)*	*64*	*192*

Lower Elevation	Address	Direction / Distance	Map ID	Page
EASON DIVING & MARINE CONT INC	*2668 SPRUILL AVE*	*0 - 1/8 (0.000 mi.)*	*B2*	*8*
BROWNING-FERRIS INDUSTRIES	*1934 SUMMERVILLE AVENUE*	*ESE 0 - 1/8 (0.078 mi.)*	*L38*	*51*
TRIDENT SERVICES INCORPORATED	*1934 SUMMERVILLE AVE*	*ESE 0 - 1/8 (0.082 mi.)*	*L40*	*54*
SHERWIN WILLIAMS CO	*2014 JACKSONVILLE ST*	*NNW 0 - 1/8 (0.122 mi.)*	*O47*	*62*
PHILLYSHIP OF CHARLESTON	*2724 CARNER AVE*	*NNW 1/8 - 1/4 (0.141 mi.)*	*O49*	*64*

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

An online review and analysis by S&ME of the DOD list,
as provided by EDR, and dated 12/31/2005 has revealed that there are 2 DOD sites
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHARLESTON NAVAL SHIPYARD (CLO		0 - 1/8 (0.000 mi.)	0	7
CHARLESTON NAVAL SHIPYARD EAST		NE 1/2 - 1 (0.986 mi.)	0	7

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

An online review and analysis by S&ME of the ROD list,
as provided by EDR, and dated 06/01/2010 has revealed that there are 2 ROD sites
within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MACALLOY CORPORATION	*1800 PITTSBURG AVENUE*	*ESE 1/8 - 1/4 (0.178 mi.)*	*Q57*	*141*
KOPPERS CO., INC. (CHARLESTON	*CHARLESTON HEIGHTS*	*S 1/2 - 1 (0.536 mi.)*	*AF103*	*264*

GWCI: Groundwater Contamination Inventory Cases. Any site that has groundwater contamination over a federal MCL.

An online review and analysis by S&ME of the GWCI list,
as provided by EDR, and dated 07/01/2008 has revealed that there are 21 GWCI sites
within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAN BEACH	*2665 SPRUILL AVE*	*0 - 1/8 (0.000 mi.)*	*B4*	*11*
RUSCON CORP PROP	*2711 AZALEA DR*	*0 - 1/8 (0.000 mi.)*	*A8*	*15*
CIRCLE K 8108	*2745 SPRUILL AVE*	*NNW 0 - 1/8 (0.046 mi.)*	*K32*	*43*
SOUTHERN BELL CHTNSCGS	*2600 MEETING ST*	*ESE 1/8 - 1/4 (0.144 mi.)*	*P51*	*66*
MOBIL CHEMICAL CO	*KING ST EXTN*	*SW 1/8 - 1/4 (0.144 mi.)*	*52*	*68*
MACALLOY CORPORATION	*1800 PITTSBURG AVENUE*	*ESE 1/8 - 1/4 (0.178 mi.)*	*Q57*	*141*
INFINGER TRANSPORTATION COMPAN	*2811 CARNER AVENUE*	*NNW 1/4 - 1/2 (0.251 mi.)*	*S69*	*201*
STONO PHOSPHATE WORKS	*2079 AUSTIN AVENUE*	*SW 1/4 - 1/2 (0.322 mi.)*	*74*	*210*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RENTAL SERVICE CORP STORE 477	*2841 AZALEA DR*	*WNW 1/4 - 1/2 (0.322 mi.)*	*U75*	*213*
YELLOW CAB CO OF CHAS INC	*2003 CHERRY HILL RD*	*ESE 1/4 - 1/2 (0.383 mi.)*	*W79*	*218*
PRYORS TOWING & RADIATOR LLC	*2851 RIVERS AVE*	*NNW 1/4 - 1/2 (0.394 mi.)*	*X82*	*221*
CHARLESTON CITY OF GARAGE	*1950 MILFORD ST*	*SSE 1/4 - 1/2 (0.409 mi.)*	*Z85*	*225*
SOUTHERN TRUCK TERMINAL	*1805 MEETING ST*	*SE 1/4 - 1/2 (0.414 mi.)*	*AA88*	*229*
CHARLESTON COMMISSIONERS OF PU	*2150 MILFORD ST*	*S 1/4 - 1/2 (0.452 mi.)*	*AC93*	*238*
SCE&G HAGOOD	*2200 HAGOOD ROAD*	*SW 1/4 - 1/2 (0.467 mi.)*	*AB96*	*241*
DREWS	*1705 MEETING ST*	*SSE 1/4 - 1/2 (0.473 mi.)*	*AE97*	*252*
WR GRACE AND CO	*1820 HARMON ST*	*ESE 1/4 - 1/2 (0.483 mi.)*	*99*	*255*
COLUMBIA NITROGEN	*WEST END OF MILFORD ST*	*SSW 1/4 - 1/2 (0.491 mi.)*	*100*	*260*

Lower Elevation	Address	Direction / Distance	Map ID	Page
RHODIA INC	*2151 KING ST EXT*	*SW 1/8 - 1/4 (0.192 mi.)*	*59*	*177*
SWIFT AGRI-CHEM CORP	*2750 SPEISSEGGER DRIVE*	*W 1/8 - 1/4 (0.197 mi.)*	*60*	*183*
CIRCLE K 8095	*2947 SPRUILL AVE*	*NNW 1/4 - 1/2 (0.374 mi.)*	*V77*	*216*

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
CHARLESTON LDF	SHWS, ALLSITES, RCR, SPILLS, VCP, BROWNFIELDS
HOLSTON SANITARY LANDFILL	SHWS, ALLSITES, RCR, VCP, BROWNFIELDS
GLIDDEN COATINGS & RESINS	FINDS, RCR, LUST
NAVAL SHIPYARD - CHARLESTON	ALLSITES, RCR, VCP, BROWNFIELDS
PYA MONARCH INC	FINDS, RCR, LUST
KING & SPRING STREETS SITE	SHWS, ALLSITES, VCP, BROWNFIELDS
CORE SOUND REALTY INC SITE	ALLSITES
NATIONAL WELDERS	SHWS, ALLSITES, VCP, BROWNFIELDS
MARTIN MARIETTA MATERIALS INC SITE	SHWS, ALLSITES, VCP
529 AND 537 MEETING STREET	SHWS, BROWNFIELDS
CORE SOUND REALTY, INC. SITE	BROWNFIELDS
PARK SOUTH TRACT	BROWNFIELDS
CORE SOUND REALTY INC SITE	SHWS, VCP
LOGAN-ROBINSON FERTILIZER COMPANY	SHWS
BAYSIDE GARDENS & MANOR APTS	CERC-NFRAP, SHWS
DRYCLEAN USA COASTAL #310	SHWS, DRYCLEANERS
PARK SOUTH TRACT	SHWS
REYNOLDS 66	FINDS, LUST
DERST BAKING CO	FINDS, LUST
PARKER LINCOLN MERCURY	LUST
CHARLESTON NAVAL WEAPONS STATION COMMON TANKS INFO	FINDS, LUST
CHARLESTON NAVAL BASE NS851	FINDS, LUST
WALLYS TEXACO	FINDS, LUST
REYNOLDS 66	GWCI, UST
DERST BAKING CO	GWCI, UST
PARKER LINCOLN MERCURY	UST
ST ANDREWS BLVD PROPERTY	GWCI, UST
HESS STATION 40225	GWCI, UST
SCOTCHMAN 122	GWCI, UST
FORMER OASIS BOB PATRICK	GWCI, UST
TARMAC LONE STAR INC	UST
ASHLEY TIRE & BATTERY	GWCI, UST
PANTRY 3353 DBA QUICK STOP	GWCI, UST
GLIDDEN COATINGS & RESINS	GWCI, UST
CAROLINA TIRE CO	UST
CIRCLE K 8092	GWCI, UST
PANTRY 298	GWCI, UST
PYA MONARCH INC	GWCI, UST
MURPHY EXPRESS 8552	UST
CHARLESTON BOAT CENTER	UST
WALLYS TEXACO	GWCI, UST
CAROLINA TIRE COMPANY	RCRA-NonGen, FINDS
SCE&G ACCABEE SUBSTATION	RCRA-NonGen, FINDS
BRASWELL SERVICES GROUP SHIPYARD CREEK	RCRA-NonGen, FINDS
CHARLESTON SCHOOL BUS MAINTENANCE	RCRA-NonGen
SIGNATURE COLLISION SPECIALIST	RCRA-CESQG, FINDS
FABER PLACE GAS TURBINE	RCRA-CESQG, FINDS

EXECUTIVE SUMMARY

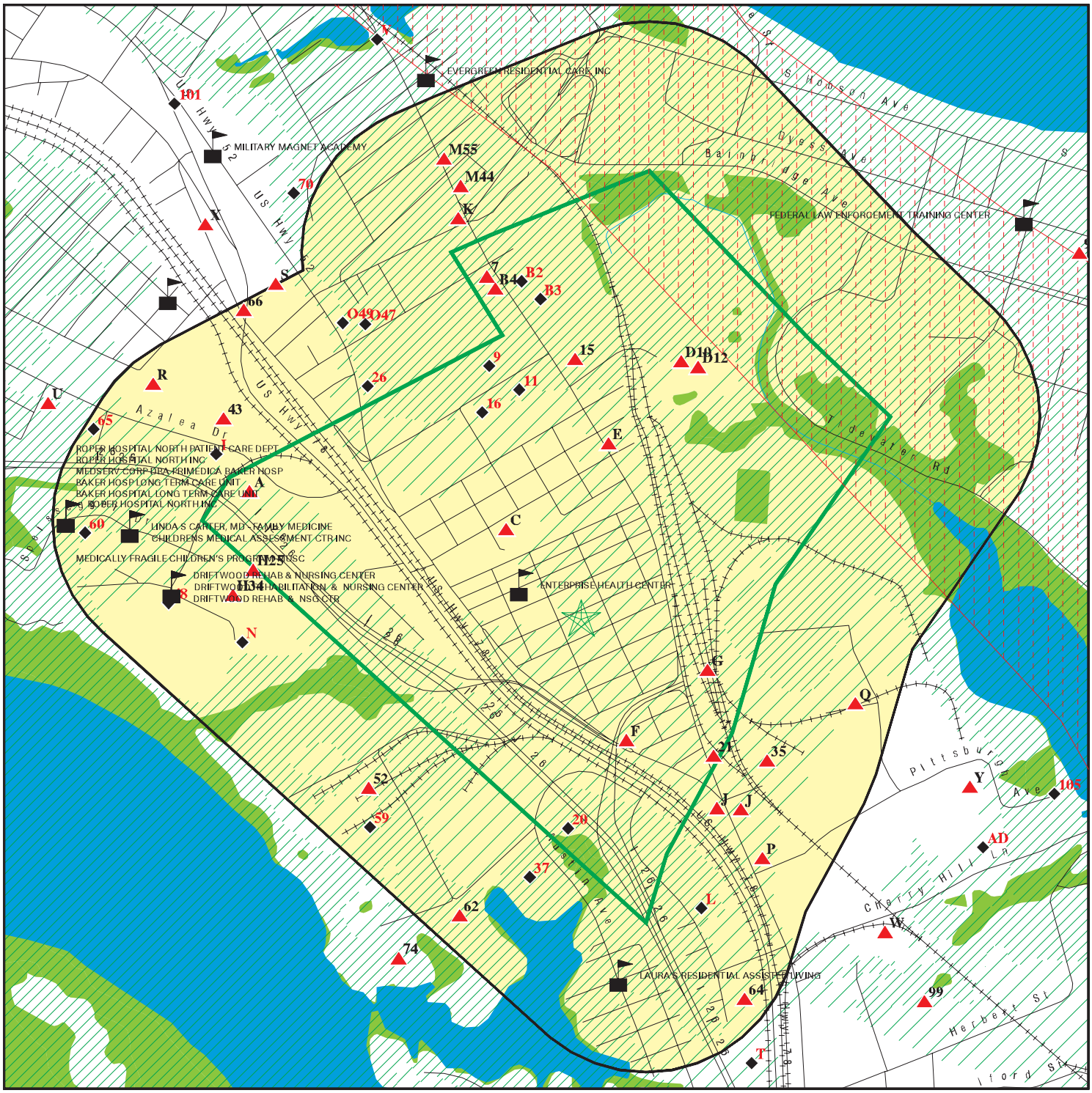
CSX INTERMODAL
BST CHTNSCGS 91122
1120 NORTH PORT DRIVE
1120 NORTH PORT DRIVE
CHARLESTON NAVAL BASE CPW COMPLEX

RCRA-CESQG
RCRA-CESQG
ERNS
ERNS
GWCI

OVERVIEW MAP - 2915406.2s


Spruill Avenue
Spruill Avenue
Spruill Avenue

DETAIL MAP - 2915406.2s



0 1/8 1/4 1/2 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Port Access Road	CLIENT: S&ME
ADDRESS: Spruill Avenue North Charleston SC 29405	CONTACT: Mary Beth Cline INQUIRY #: 2915406.2s
LAT/LONG: 32.8387 / 79.9584	DATE: November 12, 2010 12:58 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		1.000	0	1	0	1	NR	2
Proposed NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS		0.500	1	2	4	NR	NR	7
FEDERAL FACILITY		1.000	0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		0.500	0	1	1	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	2	0	2	NR	4
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		0.500	0	2	0	NR	NR	2
Federal RCRA generators list								
RCRA-LQG		0.250	1	1	NR	NR	NR	2
RCRA-SQG		0.250	2	0	NR	NR	NR	2
RCRA-CESQG		0.250	4	1	NR	NR	NR	5
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		0.500	0	1	0	NR	NR	1
US INST CONTROL		0.500	0	1	0	NR	NR	1
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS		1.000	4	5	10	20	NR	39
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	3	1	0	NR	NR	4
State and tribal leaking storage tank lists								
LUST		0.500	11	6	11	NR	NR	28
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST		0.250	15	5	NR	NR	NR	20

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	2	0	NR	NR	NR	2
INDIAN UST		0.250	0	0	NR	NR	NR	0
FEMA UST		0.250	0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
RCR		0.500	0	5	4	NR	NR	9
State and tribal voluntary cleanup sites								
VCP		0.500	1	6	0	NR	NR	7
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS		0.500	3	4	5	NR	NR	12
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	2	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		TP	NR	NR	NR	NR	NR	0
ALLSITES		0.500	2	6	3	NR	NR	11
CDL		TP	NR	NR	NR	NR	NR	0
US HIST CDL		TP	NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2		TP	NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen		0.250	7	3	NR	NR	NR	10
DOT OPS		TP	NR	NR	NR	NR	NR	0
DOD		1.000	1	0	0	1	NR	2
FUDS		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	1	0	1	NR	2
UMTRA		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
GWCI		0.500	3	5	13	NR	NR	21
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

DOD **CHARLESTON NAVAL SHIPYARD (CLOSED)** **DOD** **CUSA145365**
Region **N/A**

CHARLESTON NAVAL SHIPYARD (County), SC

< 1/8
1 ft.

DOD:
Feature 1: Navy DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Charleston Naval Shipyard (Closed)
Name 2: Not reported
Name 3: Not reported
State: SC
DOD Site: Yes
Tile name: SCCHARLESTON

DOD **CHARLESTON NAVAL SHIPYARD EAST COOPER SPOIL AREA (CLOSED)** **DOD** **CUSA145328**
Region **N/A**
NE

CHARLESTON NAVAL SHIPYARD (County), SC

1/2-1
5207 ft.

DOD:
Feature 1: Navy DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Charleston Naval Shipyard East Cooper Spoil Area (Closed)
Name 2: Not reported
Name 3: Not reported
State: SC
DOD Site: Yes
Tile name: SCBERKELEY

A1 **RUSCON CORP PROP** **FINDS** **1007245250**
2711 AZALEA DR **LUST** **N/A**

< 1/8 **CHARLESTON, SC 29405**
1 ft.

Site 1 of 2 in cluster A

Relative:
Higher

FINDS:

Registry ID: 110017170988

Actual:
15 ft.

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:
Facility ID: 01866

RUSCON CORP PROP (Continued) **1007245250**

Release Number: 1
Facility Status: awaiting funding
Substance: PETRO
Owner: RUSCON CORPORATION
NFA Date: Not reported
Date Confirmed: 07/03/89
Report Date: 06/09/89
Rank: 3BD

LUST DETAIL:
Release Date: 6/9/1989
Cleanup Complete Date: Not reported
RP Name: RUSCON CORPORATION
RP Address: 149 E BAY ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29402-0837
SCRBCA Class Code: CLASS3BD
Depth to Ground Water: 1.8400000000000001
Ground Water Flow Direction: W
Project Manager: SHRADER, ART A
Release Fin Type Code: With SUPERB
SSTL Established Code: Not reported

B2 **EASON DIVING & MARINE CONT INC** **RCRA-NonGen** **1000336559**
2668 SPRUILL AVE **FINDS** **SCD981027154**
< 1/8 **CHARLESTON, SC 29405**
1 ft.

Site 1 of 3 in cluster B

Relative: Lower

Actual: 12 ft.

RCRA-NonGen:
Date form received by agency: 11/08/2002
Facility name: EASON DIVING & MARINE CONT INC
Facility address: 2668 SPRUILL AVE
CHARLESTON, SC 29405
EPA ID: SCD981027154
Mailing address: PO BOX 70040
CHARLESTON, SC 29415
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 04
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: OWNERSTREET
OWNERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Municipal
Owner/Operator Type: Owner

EASON DIVING & MARINE CONT INC (Continued) **1000336559**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/01/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/09/1985
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/01/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004939041

Environmental Interest/Information System

EASON DIVING & MARINE CONT INC (Continued) **1000336559**

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B3 **CHARLESTON/SPRUILL AVE DUMP** **SWF/LF** **S108237815**
N/A

< 1/8 **, SC**
1 ft.

Site 2 of 3 in cluster B

Relative: LF:
Lower

Mailing Address:	Not reported
Mailing State:	Not reported
Actual: Mailing City:	Not reported
12 ft. Mailing Zip:	0
Facility ID:	Not reported
Owned by:	Not reported
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Data Source:	GPS1
Category:	MSW
Old Permit #:	Unavailable
Issue/Apprvl Dt:	Not reported
Last Modification:	Not reported
Total Capacity:	Not reported
Status:	Not Active
Closure Date:	Not reported
Class:	Not reported
Waste:	Not reported
Operating:	Not Operating
Comments:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/Long:	0 / 0
Lat/Lon Cmmnts:	Not reported
UTM-E:	597343.3125
UTM-N:	3634723.75
Method:	27
Contact Name:	Not reported
Contact Phone:	Not reported
Restrictions:	?
EQC Region:	7
DON date recvd:	Not reported
DON Determ Dt:	Not reported
DON Ter Dt:	Not reported
Permitting Status:	Not reported

CHARLESTON/SPRUILL AVE DUMP (Continued) **S108237815**

Replacement: Not reported
Approved tons/yr: Not reported
DON Comments: Not reported
ISW Characterization Date: Not reported

B4 **DAN BEACH** **GWCI U001537245**
2665 SPRUILL AVE **LUST N/A**
< 1/8 **CHARLESTON, SC** **UST**
1 ft.

Site 3 of 3 in cluster B

Relative: Higher

Actual: 17 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	15025
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 15025. RBCA Classification 3BD5. Inactive.

LUST:

Facility ID:	15025
Release Number:	1
Facility Status:	awaiting funding
Substance:	PETRO
Owner:	DAN BEACH
NFA Date:	**Not reported**
Date Confirmed:	06/22/92

DAN BEACH (Continued) **U001537245**

Report Date: 06/09/92
Rank: 3BD

LUST DETAIL:
Release Date: 6/9/1992
Cleanup Complete Date: Not reported
RP Name: BEACH
RP Address: 1101 LEVOYAGER RD
RP City: OCEAN SPRRING
RP State: MS
RP Zip: 39564-2822
SCRBCA Class Code: CLASS3BD
Depth to Ground Water: 4.0099999999999998
Ground Water Flow Direction: SE
Project Manager: SHRADER, ART A
Release Fin Type Code: DHEC SUPERB with State Lead
SSTL Established Code: Not reported

UST:
Facility ID: 15025
Owner: BEACH
Owner Contact: SAM MCKENZIE
Owner Address: 1101 LEVOYAGER RD
Owner City,St,Zip: OCEAN SPRRING, MS 39564-2822
Owner Phone: Not reported
Contact: SAM MCKENZIE
Contact Tel: Not reported

Tank ID: 1
Capacity: 4000
Product: Miscellaneous Hydrocarbons
Calcage: 25
Status: **Abandoned**

Tank ID: 2
Capacity: 4000
Product: Miscellaneous Hydrocarbons
Calcage: 25
Status: **Abandoned**

Tank ID: 3
Capacity: 4000
Product: Miscellaneous Hydrocarbons
Calcage: 25
Status: **Abandoned**

Tank ID: 4
Capacity: 4000
Product: Miscellaneous Hydrocarbons
Calcage: 25
Status: **Abandoned**

C5 **EXCEL APPARATUS SERVICES** **UST** **U004017955**
2490 DEBONAIR ST **N/A**
< 1/8 **CHARLESTON, SC 29405**
1 ft.

Site 1 of 4 in cluster C

Relative:
Higher

Actual:
16 ft.

UST:

Facility ID:	1636
Owner:	GENERAL ELECTRIC CO
Owner Contact:	DOUG HINSON
Owner Address:	2490 DEBONAIR ST
Owner City,St,Zip:	CHARLESTON HGTS, SC 29405-8391
Owner Phone:	843-747-7644
Contact:	DOUGLAS HINSON
Contact Tel:	803-747-7644
Tank ID:	1
Capacity:	1000
Product:	Hazardous Substance
Calcage:	20
Status:	**Abandoned**

C6 **GENERAL ELECTRIC CO** **UST** **U004018317**
2490 DEBONAIR ST **N/A**
< 1/8 **CHARLESTON HGTS, SC**
1 ft.

Site 2 of 4 in cluster C

Relative:
Higher

Actual:
17 ft.

UST:

Facility ID:	1864
Owner:	GENERAL ELECTRIC CO
Owner Contact:	DOUG HINSON
Owner Address:	2490 DEBONAIR ST
Owner City,St,Zip:	CHARLESTON HGTS, SC 29405-8391
Owner Phone:	843-747-7644
Contact:	DOUG HINSON
Contact Tel:	843-747-7644
Tank ID:	1
Capacity:	500
Product:	Hazardous Substance
Calcage:	5
Status:	**Abandoned**

---

7 **SOUTH ATLANTIC AMUSEMENTS** **RCRA-NonGen** **1004781169**
2681 SPRUILL AVE **FINDS** **SCR000075986**
< 1/8 **N CHARLESTON, SC 29405**
1 ft.

Relative:
Higher

Actual:
19 ft.

RCRA-NonGen:

Date form received by agency:	10/12/2000
Facility name:	SOUTH ATLANTIC AMUSEMENTS
Facility address:	2681 SPRUILL AVE N CHARLESTON, SC 29405
EPA ID:	SCR000075986
Mailing address:	SPRUILL AVE N CHARLESTON, SC 29405
Contact:	HAROLD MIMS JR

SOUTH ATLANTIC AMUSEMENTS (Continued) **1004781169**

Contact address: 2681 SPRUILL AVE
N CHARLESTON, SC 29405
Contact country: US
Contact telephone: (843) 744-1001
Contact email: Not reported
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HAROLD MIMS JR
Owner/operator address: 2681 SPRUILL AVE
N CHARLESTON, SC 29405
Owner/operator country: Not reported
Owner/operator telephone: (843) 744-1001
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 07/24/2000
Facility name: SOUTH ATLANTIC AMUSEMENTS
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110002235732

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits,

SOUTH ATLANTIC AMUSEMENTS (Continued) **1004781169**

violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A8 **RUSCON CORP PROP** **GWCI U004018319**
2711 AZALEA DR **UST N/A**
< 1/8 **CHARLESTON, SC**
1 ft.

Site 2 of 2 in cluster A

Relative: Higher

Actual: 15 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01866
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01866. RBCA Classification 3BF5. Inactive.

RUSCON CORP PROP (Continued) **U004018319**

UST:

Facility ID:	1866
Owner:	RUSCON CORPORATION
Owner Contact:	ROBERT HUBBARD
Owner Address:	149 E BAY ST
Owner City,St,Zip:	CHARLESTON, SC 29402-0837
Owner Phone:	843-723-9861
Contact:	ROBERT HUBBARD
Contact Tel:	Not reported
Tank ID:	1
Capacity:	Not reported
Product:	Miscellaneous Hydrocarbons
Calcage:	Not reported
Status:	**Abandoned**
Tank ID:	2
Capacity:	Not reported
Product:	Miscellaneous Hydrocarbons
Calcage:	Not reported
Status:	**Abandoned**
Tank ID:	3
Capacity:	Not reported
Product:	Miscellaneous Hydrocarbons
Calcage:	Not reported
Status:	**Abandoned**

---

9 **GASTON DUMP** **SWF/LF** **S108237514**
N/A

< 1/8 **, SC**
1 ft.

LF:

Relative:
Lower

Actual:
11 ft.

Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	Not reported
Owned by:	Not reported
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Data Source:	GPS1
Category:	MSW
Old Permit #:	Unavailable
Issue/Apprvl Dt:	Not reported
Last Modification:	Not reported
Total Capacity:	Not reported
Status:	Not Active
Closure Date:	Not reported
Class:	Not reported
Waste:	Not reported
Operating:	Not Operating
Comments:	Not reported

GASTON DUMP (Continued) **S108237514**

Lat/Long (dms):	0 0 0 / 0 0 0
Lat/Long:	0 / 0
Lat/Lon Cmmnts:	Not reported
UTM-E:	597254
UTM-N:	3634539.5
Method:	27
Contact Name:	Not reported
Contact Phone:	Not reported
Restrictions:	?
EQC Region:	7
DON date recvd:	Not reported
DON Determ Dt:	Not reported
DON Ter Dt:	Not reported
Permitting Status:	Not reported
Replacement:	Not reported
Approved tons/yr:	Not reported
DON Comments:	Not reported
ISW Characterization Date:	Not reported

D10 **FOSTER WHEELER CHARLESTON RESOURCE RECOVERY** **AST** **A100267821**
1801 SHIPYARD CREEK ROAD **N/A**
< 1/8 **N. CHARLESTON, SC**
1 ft.

Site 1 of 2 in cluster D

Relative: AST:
Higher

Facility ID:	1918
District:	Trident
Actual: Mailing Addr:	Not reported
16 ft. Mailing City,St,Zip:	N. Charleston, SC 29405-
Lat/Long:	32 50 42.05 -79 57 20.57
Facility Manager:	Elwyn Lowe
Manager Phone:	8435669322
Facility office location:	1801 Shipyard Creek Road
Facility phone number:	8435669322
Facility Manager Ext:	Not reported
Tank A-How many of size < 250 glns:	0
Tank B-How many of size 250-1000 glns:	1
Tank C-How many of size 1001-2000 glns:	0
Tank D-How many of size 2001-10000 glns:	0
Tank E-How many of size 10001-42000 glns:	0
Tank F-How many of size 42001-250000 glns:	1
Tank G-How many of size 250001-1000000 glns:	0
Tank H-How many of size 10000001-4000000 glns:	0
Tank I-How many of size >4000000 glns:	0
Total site capacity 661-2,000 glns:	F
Total site capacity 2001-10,000 glns:	F
Total site capacity 10,001-42,000 glns:	F
Total site capacity 42,001-100,000 glns:	T
Total site capacity 100,001-250,000 glns:	F
Total site capacity 250,001-1,000,000 glns:	F
Total site capacity 1,000,001-5,000,000 glns:	F
Total site capacity 5,000,0001-10,000,000 glns:	F
Total site capacity >10,000,000 glns:	F
Actual storage amount in gallons:	66900.00000
GPS unit make/model:	Trimble XRS
GPS mode uncorrected,Radio beacon,Satellite corrected:	Sat - DGPS
Date data was collected:	08/08/02

FOSTER WHEELER CHARLESTON RESOURCE RECOVERY (Continued) **A100267821**

NAICS code:	52.00000
Is this a registered terminal facility?:	F
If not, does it need to be registered?:	F
Earthen containment:	F
Asphalt containment:	F
Liner:	F
Concrete floor and walls:	T
Concrete walls, earth floor:	F
Block walls, concrete floor:	F
Block walls, earthe floor:	F
Double wall tank:	F
Does containment need repair?:	F

Comments: Not reported

---

11 **CAROLINA SHIPPING COMPANY** **UST** **U004017490**
1950 STROMBOLI AVE **N/A**
< 1/8 **NORTH CHARLESTON, SC 29405**
1 ft.

Relative: **Lower**

Actual: **13 ft.**

UST:

Facility ID:	1325
Owner:	CAROLINA SHIPPING COMPANY
Owner Contact:	WILLIAM SCULL
Owner Address:	1950 STROMBOLI AVE
Owner City,St,Zip:	NORTH CHARLESTON, SC
Owner Phone:	803-577-7880
Contact:	WILLIAM SCULL
Contact Tel:	803-577-7880
Tank ID:	1
Capacity:	10000
Product:	Diesel
Calcage:	15
Status:	**Abandoned**
Tank ID:	2
Capacity:	10000
Product:	Gasoline
Calcage:	15
Status:	**Abandoned**

D12 **MONTENAY CHARLESTON RESOURCE RECOVERY** **SWF/LF** **S108237813**
N/A

< 1/8 **, SC**
1 ft.

Site 2 of 2 in cluster D

Relative: **Higher**

Actual: **15 ft.**

LF:

Mailing Address:	1801 Shipyard Creek Rd
Mailing State:	SC
Mailing City:	Charleston
Mailing Zip:	29405
Facility ID:	102495-4001
Owned by:	Not reported
Rate Restriction:	255500

MONTENAY CHARLESTON RESOURCE RECOVERY (Continued) **S108237813**

Rate Units:	tons per year
Cap Units:	Not reported
Data Source:	GEOCODE
Category:	INC
Old Permit #:	Not reported
Issue/Apprvl Dt:	4/22/1996
Last Modification:	5/21/2007
Total Capacity:	Not reported
Status:	Active
Closure Date:	Not reported
Class:	C
Waste:	MSW
Operating:	Operating
Comments:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/Long:	0 / 0
Lat/Lon Cmmnts:	Not reported
UTM-E:	597195.875
UTM-N:	3634922.75
Method:	27
Contact Name:	Edward L. Bazzle
Contact Phone:	843-566-9322
Restrictions:	no
EQC Region:	7
DON date recvd:	Not reported
DON Determ Dt:	Not reported
DON Ter Dt:	Not reported
Permitting Status:	Not reported
Replacement:	Not reported
Approved tons/yr:	Not reported
DON Comments:	Not reported
ISW Characterization Date:	N/A

E13 **BELCHER SERV STATION** **FINDS 1007229849**
2502 SPRUILL AVE **LUST N/A**
< 1/8 **NORTH CHARLESTON, SC 29405**
1 ft.

Site 1 of 2 in cluster E

Relative: Higher

FINDS:

Registry ID: 110017010688

Actual: 19 ft.

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:

Facility ID:	01672
Release Number:	1
Facility Status:	awaiting funding

BELCHER SERV STATION (Continued) **1007229849**

Substance: PETRO
Owner: HAROLD BELCHER
NFA Date: 01/09/00
Date Confirmed: 09/03/92
Report Date: 11/29/90
Rank: 3BF

LUST DETAIL:
Release Date: 11/29/1990
Cleanup Complete Date: 1/9/2000
RP Name: BELCHER
RP Address: 2502 SPRUILL AVE
RP City: CHARLESTON HTS
RP State: SC
RP Zip: 29405-8338
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Project Manager: WILSON, RODNEY L
Release Fin Type Code: With SUPERB
SSTL Established Code: Not reported

E14 **BELCHER SERV STATION** **UST** **U004018012**
2502 SPRUILL AVE **N/A**
< 1/8 **NORTH CHARLESTON, SC**
1 ft.

Site 2 of 2 in cluster E

Relative:
Higher

Actual:
18 ft.

UST:
Facility ID: 1672
Owner: BELCHER
Owner Contact: HAROLD BELCHER
Owner Address: 2502 SPRUILL AVE
Owner City,St,Zip: CHARLESTON HTS, SC 29405-8338
Owner Phone: Not reported
Contact: HAROLD BELCHER
Contact Tel: Not reported

Tank ID: 1
Capacity: 2000
Product: Gasoline
Calcage: Not reported
Status: Abandoned

Tank ID: 2
Capacity: 3000
Product: Gasoline
Calcage: Not reported
Status: Abandoned

Tank ID: 3
Capacity: 4000
Product: Gasoline
Calcage: Not reported
Status: Abandoned

15
< 1/8
1 ft.

CON GLOBAL INDUSTRIES
1 STROMBOLI RD
CHARLESTON, SC 29405

RCRA-SQG
FINDS

1001081436
SCR000002220

Relative:
Higher

Actual:
15 ft.

RCRA-SQG:

Date form received by agency:	03/06/2009
Facility name:	CON GLOBAL INDUSTRIES
Facility address:	2534 SPRUILL AVE CHARLESTON, SC 29405
EPA ID:	SCR000002220
Mailing address:	SPRUILL AVE CHARLESTON, SC 29404
Contact:	JASON HOWELL
Contact address:	SPRUILL AVE CHARLESTON, SC 29404
Contact country:	US
Contact telephone:	(843) 224-8611
Contact email:	Not reported
EPA Region:	04
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MIKE BALDWIN
Owner/operator address:	2000 CROW CANYON PLACE #430 CHARLESTON, CA 94612
Owner/operator country:	US
Owner/operator telephone:	(925) 543-0977
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	09/05/2000
Owner/Op end date:	Not reported

Owner/operator name:	MIKE BALDWIN
Owner/operator address:	2000 CROW CANYON PLACE #430 CHARLESTON, CA 94612
Owner/operator country:	Not reported
Owner/operator telephone:	(925) 543-0977
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	09/05/2000
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

CON GLOBAL INDUSTRIES (Continued) **1001081436**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 11/30/2007
Facility name: CON GLOBAL INDUSTRIES
Site name: GLOBAL INTERMODAL SYSTEMS
Classification: Small Quantity Generator

Date form received by agency: 10/05/2000
Facility name: CON GLOBAL INDUSTRIES
Site name: GLOBAL INTERMODAL SYSTEMS
Classification: Small Quantity Generator

Date form received by agency: 01/03/1996
Facility name: CON GLOBAL INDUSTRIES
Site name: GLOBAL INTERMODAL SYSTEMS
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D005
Waste name: BARIUM

Waste code: D007
Waste name: CHROMIUM

CON GLOBAL INDUSTRIES (Continued) **1001081436**

Waste code: D008
Waste name: LEAD

Waste code: D011
Waste name: SILVER

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002254989

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

16 **C C SOUTH** **UST** **U003519726**
1923 STROMBOLI AVE **N/A**
< 1/8 **CHARLESTON, SC 29401**
1 ft.

Relative: **Lower**

Actual: **12 ft.**

UST:

Facility ID:	16835
Owner:	CROWN ENTERPRISES INC
Owner Contact:	DICK DOMENICK
Owner Address:	12225 STEPHENS RD
Owner City,St,Zip:	WARREN, MI
Owner Phone:	586-939-7000
Contact:	DICK DOMENICK
Contact Tel:	Not reported
Tank ID:	1
Capacity:	Not reported
Product:	Diesel
Calcage:	20
Status:	**Abandoned**

F17 **CROSBYS GARAGE** **UST** **U004018082**
2204 MEETING ST **N/A**
< 1/8 **CHARLESTON, SC**
1 ft.

Site 1 of 2 in cluster F

Relative: **Higher**

Actual: **17 ft.**

UST:

Facility ID:	1714
Owner:	WORSLEY COMPANIES INC
Owner Contact:	BRIAN PATTERSON
Owner Address:	1410 COMMONWEALTH DR #202
Owner City,St,Zip:	WILMINGTON, NC
Owner Phone:	910-395-5300
Contact:	BRIAN PATTERSON
Contact Tel:	Not reported
Tank ID:	1
Capacity:	550
Product:	Gasoline
Calcage:	25
Status:	**Abandoned**

G18 **TRANSFLO TERMINAL SERVICES INC** **RCRA-CESQG** **1001091413**
1990 TUXBURY LANE **FINDS** **SCR000002519**
< 1/8 **CHARLESTON, SC 29405**
1 ft.

Site 1 of 2 in cluster G

Relative: **Higher**

Actual: **15 ft.**

RCRA-CESQG:

Date form received by agency:	03/13/2003
Facility name:	TRANSFLO TERMINAL SERVICES INC
Facility address:	1990 TUXBURY LANE CHARLESTON, SC 29405
EPA ID:	SCR000002519
Mailing address:	SOUTHPOINT DR S JACKSONVILLE, FL 32216
Contact:	JAN M BARNES

TRANSFLO TERMINAL SERVICES INC (Continued) **1001091413**

Contact address: 6735 SOUTHPOINT DR S
JACKSONVILLE, FL 32216
Contact country: US
Contact telephone: (904) 279-6279
Contact email: Not reported
EPA Region: 04
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: KINDER MORGAN TERMINAL SERVICES INC
Owner/operator address: TUXBURY LN ‘
CHARLESTON, SC 99999
Owner/operator country: US
Owner/operator telephone: (843) 554-7153
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/13/2003
Owner/Op end date: Not reported

Owner/operator name: TRANSFLO CORP
Owner/operator address: 6735 SOUTHPOINT DR S
JACKSONVILLE, FL 32216
Owner/operator country: Not reported
Owner/operator telephone: (904) 279-6279
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/20/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

TRANSFLO TERMINAL SERVICES INC (Continued) **1001091413**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 03/11/2002
Facility name: TRANSFLO TERMINAL SERVICES INC
Site name: TRANSFLO CORP
Classification: Large Quantity Generator

Date form received by agency: 02/10/1997
Facility name: TRANSFLO TERMINAL SERVICES INC
Site name: TRANSFLO CORP
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110001675875

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants.

TRANSFLO TERMINAL SERVICES INC (Continued) **1001091413**

AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

G19 **FIRST RECOVERY** **RCRA-NonGen** **1001961990**
1990 TUXBURY LANE **FINDS** **SCR000000463**
< 1/8 **N CHARLESTON, SC 29405**
1 ft.

Site 2 of 2 in cluster G

Relative: Higher

Actual: 15 ft.

RCRA-NonGen:

Date form received by agency:	12/08/1999
Facility name:	FIRST RECOVERY
Facility address:	1990 TUXBURY LANE N CHARLESTON, SC 29405
EPA ID:	SCR000000463
Mailing address:	TUXBURY LANE N CHARLESTON, SC 29405
Contact:	JESSE CHAVIS
Contact address:	1990 TUXBURY LANE N CHARLESTON, SC 29405
Contact country:	US
Contact telephone:	(919) 929-8164
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ECOGARD INC
Owner/operator address:	301 E MAIN ST SUITE 600 LEXINGTON, KY 40507
Owner/operator country:	Not reported
Owner/operator telephone:	(999) 999-9999
Legal status:	Private

FIRST RECOVERY (Continued) **1001961990**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: 7777
Waste name: 7777

Violation Status: No violations found

FINDS:

Registry ID: 110002197658

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

20 **VAN NESS SIGN & LEASING SITE** **SHWS** **S105811294**
AUSTIN AVE **ALLSITES** **N/A**
< 1/8 **CHARLESTON, SC 29405** **VCP**
1 ft. **BROWNFIELDS**

Relative: Lower

Actual: 12 ft.

SHWS:
EPA ID: SCS123456936

ALLSITES:
Brownfield: No
Brownfield Type: Hazardous Substances
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: 32.8332775
Long: -79.95900033
Impacted Media: Not reported

VCP:
Entity Resp for Conditional Remedy: Not reported
Region: Not reported
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: Not reported
Regulatory Program: Not reported
Contract #: 03-5518-NRP
Old Contract #: 5518
Company Name: Van Ness Sign/ Ashley II
Acreage: 5.65
Exec Date: 6/23/03
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: No
File Number: 56990

SC BROWNFIELD:
Contract Number: 03-5518-NRP
Contract Type: NRP
File Number: 56990
Contract Manager: GORMAN, ANGELA K
Person Company: ASHLEY II OF CHARLESTON
Primary Address1: CHEROKEE INVESTMENT SERVICES LLC
Primary Address2: 111 E HARGETT ST STE 300
Primary City: RALEIGH
Primary State Code: NC
Primary Zip Code: Not reported
Type Brownfield: Hazardous Substances
Acreage: 5.6500000000000004
Contract Executed: 2003-06-23 00:00:00
COC Date Issued: Not reported
RC Executed: Not reported
Contact: Not reported
Status Code: ACTIVE
IC Received: Not reported
Workplan Due: 2003-08-22 00:00:00
Workplan Received: 2004-07-30 00:00:00
Workplan Reviewed: 2004-12-16 00:00:00

VAN NESS SIGN & LEASING SITE (Continued) **S105811294**

Workplan Approved:	2005-08-22 00:00:00
Report Received:	Not reported
Report Reviewed:	2006-02-27 00:00:00
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

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21 **PLANTATION PAINTERS INC** **RCRA-SQG** **1010787916**
2128 SPRUILL AVE **SCR000769760**
< 1/8 **NORTH CHARLESTON, SC 29405**
1 ft.

Relative:
Higher

Actual:
18 ft.

RCRA-SQG:

Date form received by agency:	06/19/2008
Facility name:	PLANTATION PAINTERS INC
Facility address:	2128 SPRUILL AVE NORTH CHARLESTON, SC 29405
EPA ID:	SCR000769760
Mailing address:	QUAIL LN SUMMERVILLE, SC 29403
Contact:	RIK SNYDER
Contact address:	JUDITH ST CHARLESTON, SC 29403
Contact country:	US
Contact telephone:	(843) 729-4553
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CORPORATION RIK SNYDER PRESIDENT
Owner/operator address:	JUDITH ST CHARLESTON, SC 29403
Owner/operator country:	US
Owner/operator telephone:	(843) 729-4553
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/02/2008
Owner/Op end date:	Not reported

Owner/operator name:	CORPORATION RIK SNYDER PRESIDENT
Owner/operator address:	JUDITH ST CHARLESTON, SC 29403
Owner/operator country:	US
Owner/operator telephone:	(843) 729-4553
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/02/2008
Owner/Op end date:	Not reported

PLANTATION PAINTERS INC (Continued) **1010787916**

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No
- Off-site waste receiver: Commercial status unknown

Historical Generators:
- Date form received by agency: 04/02/2008
- Facility name: PLANTATION PAINTERS INC
- Classification: Large Quantity Generator

Hazardous Waste Summary:
- Waste code: D001
- Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- Waste code: D008
- Waste name: LEAD

- Violation Status: No violations found

Evaluation Action Summary:
- Evaluation date: 04/11/2008
- Evaluation: COMPLIANCE ASSISTANCE VISIT
- Area of violation: Not reported
- Date achieved compliance: Not reported
- Evaluation lead agency: State

F22 **CROSBYS GARAGE** **FINDS 1007244017**
2204 MEETING ST **LUST N/A**
< 1/8 **CHARLESTON, SC 29405**
1 ft.

Site 2 of 2 in cluster F

Relative: Higher

FINDS:

- Registry ID: 110017158074

Actual: 15 ft.

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System)

CROSBYS GARAGE (Continued) **1007244017**

integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:

Facility ID:	01714
Release Number:	1
Facility Status:	awaiting funding
Substance:	PETRO
Owner:	WORSLEY COMPANIES INC
NFA Date:	**09/18/00**
Date Confirmed:	03/18/92
Report Date:	12/23/91
Rank:	3BF

LUST DETAIL:

Release Date:	12/23/1991
Cleanup Complete Date:	9/18/2000
RP Name:	WORSLEY COMPANIES INC
RP Address:	10 S CARDINAL DR
RP City:	WILMINGTON
RP State:	NC
RP Zip:	28406-3227
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Project Manager:	DEVORE, JAMES A
Release Fin Type Code:	With SUPERB
SSTL Established Code:	Not reported

C23 **BESCO FACILITY (FORMER)** **SHWS S110375931**
2490 DEBONAIR ST **BROWNFIELDS N/A**
< 1/8 **CHARLESTON, SC 29405**
1 ft.

Site 3 of 4 in cluster C

Relative: Higher

SHWS:

EPA ID:	SCD030092373

Actual: 20 ft.

SC BROWNFIELD:

Contract Number:	10-5920-NRP
Contract Type:	NRP
File Number:	57870
Contract Manager:	OVERCASH, JOCHERIE C
Person Company:	LA PROPERTIES LLC
Primary Address1:	Not reported
Primary Address2:	Not reported
Primary City:	Not reported
Primary State Code:	Not reported
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	Not reported

BESCO FACILITY (FORMER) (Continued) **S110375931**

Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	CHARLES MASENCUP
Status Code:	INCOMP
IC Received:	2010-06-23 00:00:00
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

C24 **GENERAL ELECTRIC CO** **RCRA-NonGen** **1000212759**
2490 DEBONAIR STREET **PADS** **SCD030092373**
< 1/8 **CHARLESTON, SC 29405**
1 ft.

Site 4 of 4 in cluster C

Relative: Higher

Actual: 18 ft.

RCRA-NonGen:

Date form received by agency:	12/02/1998
Facility name:	GENERAL ELECTRIC CO
Facility address:	2490 DEBONAIR STREET CHARLESTON, SC 29405
EPA ID:	SCD030092373
Mailing address:	DEBONAIR STREET CHARLESTON, SC 29405
Contact:	STEVE WILSON
Contact address:	2490 DEBONAIR STREET CHARLESTON, SC 29405
Contact country:	US
Contact telephone:	(803) 747-7644
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	Not reported
Owner/operator address:	OWNERSTREET CHARLESTON, SC 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212

GENERAL ELECTRIC CO (Continued) **1000212759**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002

GENERAL ELECTRIC CO (Continued) **1000212759**

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F017
Waste name: Not Defined

Waste code: F018
Waste name: Not Defined

Waste code: P049
Waste name: DITHIOBIURET

Waste code: P071
Waste name: METHYL PARATHION

Waste code: P102
Waste name: PROPARGYL ALCOHOL

Waste code: U002
Waste name: ACETONE (I)

Waste code: U013
Waste name: Not Defined

Waste code: U036
Waste name: CHLORDANE, ALPHA & GAMMA ISOMERS

Waste code: U159
Waste name: 2-BUTANONE (I,T)

GENERAL ELECTRIC CO (Continued) **1000212759**

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U226
Waste name: ETHANE, 1,1,1-TRICHLORO-

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)

Violation Status: No violations found

PADS:
EPAID: SCD030092373
Facility name: GENL ELEC CHARLESTON APPR SER
Facility Address: 2490 DEBONAIR ST
CHARLESTON HEIGHTS, SC 29405
Facility country: US
Generator: No
Storer: No
Transporter: Yes
Disposer: No
Research facility: No
Smelter: No
Facility owner name: GENL ELEC CO
Contact title: Not reported
Contact name: HINSON D A
Contact tel: (803)747-7644
Contact extension: Not reported
Mailing address: 2490 DEBONAIR ST
CHARLESTON HEIGHTS, SC 29405
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 4/2/1990
Date received: 5/4/1990

H25 **WANDO PHOSPHATE MILL** **SHWS** **S108953934**
SW **BAKER HOSPITAL BLVD** **N/A**
< 1/8 **NORTH CHARLESTO, SC 29405**
0.004 mi.
20 ft. **Site 1 of 2 in cluster H**

Relative:
Higher

SHWS:
EPA ID: SCS123457104

Actual:
19 ft.

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26 **INTERMODAL MANAGEMENT LTD** **LUST** **U003522491**
NNW **2650 CARNER AVE** **UST** **N/A**
< 1/8 **CHARLESTON, SC**
0.029 mi.
151 ft.

Relative:
Lower

LUST:
Facility ID: 15926
Release Number: 2
Actual:
9 ft.
Facility Status: conduct invest/risk assessment
Substance: PETRO
Owner: CONTAINER LAND ASSOCIATES LP

INTERMODAL MANAGEMENT LTD (Continued) **U003522491**

NFA Date:	**01/26/99**
Date Confirmed:	08/26/96
Report Date:	07/31/96
Rank:	5B

LUST DETAIL:

Release Date:	7/31/1996
Cleanup Complete Date:	1/26/1999
RP Name:	CONTAINER LAND ASSOCIATES LP
RP Address:	PO BOX 22118
RP City:	CHARLESTON
RP State:	SC
RP Zip:	29413
SCRBCA Class Code:	CLASS5B
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Project Manager:	AKHVLEDIANI, KONSTANTINE T
Release Fin Type Code:	Qualifies for Fund with Deductible
SSTL Established Code:	Not reported

UST:

Facility ID:	15926
Owner:	CONTAINER LAND ASSOCIATES LP
Owner Contact:	HAROLD JERVEY
Owner Address:	PO BOX 22118
Owner City,St,Zip:	CHARLESTON, SC
Owner Phone:	Not reported
Contact:	HAROLD JERVEY
Contact Tel:	Not reported
Tank ID:	1
Capacity:	10000
Product:	Gasoline
Calcage:	25
Status:	**Abandoned**
Tank ID:	2
Capacity:	10000
Product:	Gasoline
Calcage:	25
Status:	**Abandoned**

I27 **CONSTRUCTION EQUIP SALES** **LUST** **1007244043**
NNW **2740 AZALEA DR** **N/A**
< 1/8 **CHARLESTON, SC 29405**
0.037 mi.
197 ft. **Site 1 of 3 in cluster I**

Relative:
Lower

Actual:
9 ft.

LUST:

Facility ID:	01715
Release Number:	1
Facility Status:	monitored natural attenuation
Substance:	PETRO
Owner:	CHARLESTON OIL CO INC
NFA Date:	**06/26/02**
Date Confirmed:	09/01/92

CONSTRUCTION EQUIP SALES (Continued) **1007244043**

Report Date: 12/28/91
Rank: 3BF

LUST DETAIL:
Release Date: 12/28/1991
Cleanup Complete Date: 6/26/2002
RP Name: CHARLESTON OIL CO
RP Address: 810 MEETING ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 3.48
Ground Water Flow Direction: Not reported
Project Manager: MAXWELL, STEPHEN R
Release Fin Type Code: With SUPERB
SSTL Established Code: Not reported

J28 **SILK STOCKINGS BY AMBER** **LUST** **S107924690**
ESE **2103 MEETING ST** **N/A**
< 1/8 **CHARLESTON, SC 29405**
0.038 mi.
198 ft. **Site 1 of 4 in cluster J**

Relative:
Higher

Actual:
15 ft.

LUST:
Facility ID: 19206
Release Number: 1
Facility Status: currently inactive
Substance: PETROL
Owner: ESTATE OF GEORGE W FABIAN
NFA Date: **11/06/06**
Date Confirmed: 03/21/06
Report Date: 03/02/06
Rank: 3BF

LUST DETAIL:
Release Date: 3/2/2006
Cleanup Complete Date: 6/23/2006
RP Name: ESTATE OF GEORGE W FABIAN
RP Address: PO BOX 1045
RP City: MOUNT PLEASANT
RP State: SC
RP Zip: 29465
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: Not reported
Project Manager: BRINEY, STEPHANIE M
Release Fin Type Code: Qualifies for Fund with Deductible
SSTL Established Code: Not reported

J29 **SILK STOCKINGS BY AMBER** **UST** **U004051627**
ESE **2103 MEETING ST** **N/A**
< 1/8 **CHARLESTON, SC 29405**
0.039 mi.
208 ft. **Site 2 of 4 in cluster J**

Relative:
Higher

Actual:
15 ft.

UST:

Facility ID:	19206
Owner:	ESTATE OF GEORGE W FABIAN
Owner Contact:	Not reported
Owner Address:	PO BOX 1045
Owner City,St,Zip:	MOUNT PLEASANT, SC
Owner Phone:	843-884-4548
Contact:	Not reported
Contact Tel:	Not reported
Tank ID:	1
Capacity:	6000
Product:	Gasoline
Calcage:	50
Status:	**Abandoned**
Tank ID:	2
Capacity:	6000
Product:	Diesel
Calcage:	50
Status:	**Abandoned**

I30 **CMC CONSTRUCTION SERVICES** **RCRA-CESQG** **1001081411**
NNW **2740 AZALEA DR** **FINDS** **SCR000001974**
< 1/8 **CHARLESTON, SC 29405**
0.043 mi.
226 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
10 ft.

RCRA-CESQG:

Date form received by agency:	03/03/2008
Facility name:	CMC CONSTRUCTION SERVICES
Facility address:	2740 AZALEA DR CHARLESTON, SC 29405
EPA ID:	SCR000001974
Mailing address:	AZALEA DR CHARLESTON, SC 29405
Contact:	GLENN SHEALY
Contact address:	AZALEA DR CHARLESTON, SC 29405
Contact country:	US
Contact telephone:	(803) 936-3792
Contact email:	Not reported
EPA Region:	04
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

CMC CONSTRUCTION SERVICES (Continued) **1001081411**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	COMMERCIAL METALS CO
Owner/operator address:	N MACARTHUR BLVD STE 800 DALLAS, TX 75221
Owner/operator country:	US
Owner/operator telephone:	(214) 689-4300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/11/2007
Owner/Op end date:	Not reported

Owner/operator name:	DICK CASSIDY JR PRESIDENT
Owner/operator address:	PO BOX 17309 JACKSONVILLE, FL 32245
Owner/operator country:	US
Owner/operator telephone:	(999) 999-9999
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	10/11/2007
Owner/Op end date:	10/11/2007

Owner/operator name:	CMC CONSTRUCTION SERVICES
Owner/operator address:	AZALEA DR CHARLESTON, SC 29405
Owner/operator country:	US
Owner/operator telephone:	(803) 936-3792
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	10/11/2007
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

CMC CONSTRUCTION SERVICES (Continued) **1001081411**

Historical Generators:
Date form received by agency: 10/11/2007
Facility name: CMC CONSTRUCTION SERVICES
Classification: Small Quantity Generator

Date form received by agency: 02/19/1998
Facility name: CMC CONSTRUCTION SERVICES
Site name: INDUSTRIAL TRACTOR CO
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

CMC CONSTRUCTION SERVICES (Continued) **1001081411**

Violation Status: No violations found

FINDS:

Registry ID: 110002254961

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I31 **CONSTRUCTION EQUIP SALES** **UST** **U004018084**
NNW **2740 AZALEA DR** **N/A**
< 1/8 **CHARLESTON, SC 29405**
0.045 mi.
236 ft. **Site 3 of 3 in cluster I**

Relative:
Lower

Actual:
10 ft.

UST:

Facility ID:	1715
Owner:	CHARLESTON OIL CO INC
Owner Contact:	LEROY THOMPSON
Owner Address:	1553 KING ST EXT
Owner City,St,Zip:	CHARLESTON, SC
Owner Phone:	843-577-5600
Contact:	LEROY THOMPSON
Contact Tel:	Not reported
Tank ID:	1
Capacity:	1000
Product:	Diesel
Calcage:	Not reported
Status:	**Abandoned**
Tank ID:	2
Capacity:	1000
Product:	Diesel
Calcage:	Not reported
Status:	**Abandoned**
Tank ID:	3
Capacity:	550
Product:	Gasoline
Calcage:	Not reported
Status:	**Abandoned**

K32 **CIRCLE K 8108** **GWCI** **U004017874**
NNW **2745 SPRUILL AVE** **UST** **N/A**
< 1/8 **NORTH CHARLESTON, SC**
0.046 mi.
242 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

Actual:
17 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01587
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01587. RBCA Classification 3BF3. Monitored Natural Attenuation.

UST:

Facility ID:	1587
Owner:	CIRCLE K STORES INC
Owner Contact:	RICH PEREZ
Owner Address:	2440 WHITEHALL PARK DR STE 800
Owner City,St,Zip:	CHARLOTTE, NC
Owner Phone:	704-583-5700
Contact:	RICH PEREZ
Contact Tel:	Not reported
Tank ID:	1
Capacity:	12000
Product:	Gasoline
Calcage:	5

CIRCLE K 8108 (Continued) **U004017874**

Status: **Abandoned**

Tank ID: 2
Capacity: 12000
Product: Gasoline
Calcage: 5
Status: **Abandoned**

Tank ID: 3
Capacity: 12000
Product: Gasoline
Calcage: 5
Status: **Abandoned**

K33 **CIRCLE K 8108** **FINDS 1007243459**
NNW **2745 SPRUILL AVE** **LUST N/A**
< 1/8 **NORTH CHARLESTON, SC 29405**
0.048 mi.
252 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
17 ft.

FINDS:

Registry ID: 110017152338

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:
Facility ID: 01587
Release Number: 1
Facility Status: monitored natural attenuation
Substance: PETRO
Owner: CIRCLE K STORES INC
NFA Date: **02/16/05**
Date Confirmed: 05/09/00
Report Date: 05/05/00
Rank: 3BF

LUST DETAIL:
Release Date: 5/5/2000
Cleanup Complete Date: Not reported
RP Name: CIRCLE K STORES INC
RP Address: 2440 WHITEHALL PARK DR STE 800
RP City: CHARLOTTE
RP State: NC
RP Zip: 28273
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NW

CIRCLE K 8108 (Continued) **1007243459**

Project Manager: PADGETT, JOEL P
Release Fin Type Code: Qualifies for Fund with Deductible
SSTL Established Code: Department

H34 **VCC-WANDO** **CERCLIS** **1011845424**
SW **2390 BAKER HOSPITAL BOULEVARD** **SCN000410243**
< 1/8 **CHARLESTON, SC 29405**
0.057 mi.
303 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
15 ft.

CERCLIS:
Site ID: 0410243
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

CERCLIS Site Contact Name(s):
Contact Name: TIM NEAL
Contact Tel: 404562
Contact Title: On-Scene Coordinator (OSC)

Site Description: Not reported

CERCLIS Assessment History:
Action: REMOVAL ASSESSMENT
Date Started: Not reported
Date Completed: 09/24/08
Priority Level: Not reported

Action: REMOVAL
Date Started: 10/20/08
Date Completed: 11/14/08
Priority Level: Stabilized

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35 **PSC CONTAINER SERVICES LLC** **RCRA-LQG** **1010787915**
ESE **2015 TELLICO RD** **SCR000769752**
< 1/8 **NORTH CHARLESTON, SC 29405**
0.073 mi.
387 ft.

Relative:
Higher

Actual:
15 ft.

RCRA-LQG:
Date form received by agency: 06/06/2008
Facility name: PSC CONTAINER SERVICES LLC
Facility address: 2015 TELLICO RD
NORTH CHARLESTON, SC 29405
EPA ID: SCR000769752
Mailing address: TELLICO RD
NORTH CHARLESTON, SC 29405
Contact: BILLY WARREN
Contact address: TELLICO RD
NORTH CHARLESTON, SC 29405
Contact country: US
Contact telephone: (843) 723-1287
Contact email: Not reported

PSC CONTAINER SERVICES LLC (Continued) **1010787915**

EPA Region: 04
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: PSC CONTAINER SERVICES LLC
Owner/operator address: TELLICO RD
NORTH CHARLESTON, SC 29405
Owner/operator country: US
Owner/operator telephone: (843) 723-1287
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 04/02/2008
Owner/Op end date: Not reported

Owner/operator name: PSC CONTAINER SERVICES LLC
Owner/operator address: SAN FELIPE STE 1600
HOUSTON, TX 77056
Owner/operator country: US
Owner/operator telephone: (800) 726-1300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/02/2008
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

PSC CONTAINER SERVICES LLC (Continued) **1010787915**

Historical Generators:
Date form received by agency: 04/02/2008
Facility name: PSC CONTAINER SERVICES LLC
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D011
Waste name: SILVER

Waste code: D012
Waste name: ENDRIN

Waste code: D018
Waste name: BENZENE

Waste code: D019
Waste name: CARBON TETRACHLORIDE

PSC CONTAINER SERVICES LLC (Continued) **1010787915**

Waste code: D020
Waste name: CHLORDANE

Waste code: D021
Waste name: CHLOROBENZENE

Waste code: D022
Waste name: CHLOROFORM

Waste code: D023
Waste name: O-CRESOL

Waste code: D024
Waste name: M-CRESOL

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/15/2008
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

J36 **J&G PROPERTIES INC** **LUST U003522547**
ESE **2038 MEETING ST** **UST N/A**
< 1/8 **CHARLESTON, SC 29413**
0.073 mi.
388 ft. **Site 3 of 4 in cluster J**

Relative:
Higher

Actual:
18 ft.

LUST:
Facility ID: 11584
Release Number: 1
Facility Status: currently inactive
Substance: PETRO
Owner: J&G PROPERTIES INC
NFA Date: 02/04/98
Date Confirmed: 01/11/95
Report Date: 02/01/89
Rank: 3BF

LUST DETAIL:
Release Date: 2/1/1989
Cleanup Complete Date: 2/4/1998
RP Name: JED TRANSPORT INC
RP Address: 2038 MEETING ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29413
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Project Manager: MCINNIS, W SCOTT
Release Fin Type Code: With SUPERB
SSTL Established Code: Not reported

UST:

J&G PROPERTIES INC (Continued) **U003522547**

Facility ID: 11584
Owner: J&G PROPERTIES INC
Owner Contact: JOSEPH DUCA
Owner Address: 46 CROWN PT RD
Owner City,St,Zip: THOROFARE, NJ
Owner Phone: 609-384-1822
Contact: JOSEPH DUCA
Contact Tel: -

Tank ID: 1
Capacity: 4000
Product: Diesel
Calcage: 25
Status: **Abandoned**

Tank ID: 2
Capacity: 4000
Product: Diesel
Calcage: 25
Status: **Abandoned**

Tank ID: 3
Capacity: 4000
Product: Diesel
Calcage: 25
Status: **Abandoned**

Tank ID: 4
Capacity: 4000
Product: Diesel
Calcage: 25
Status: **Abandoned**

Tank ID: 5
Capacity: 4000
Product: Gasoline
Calcage: 25
Status: **Abandoned**

37
SW
< 1/8
0.075 mi.
394 ft.

LIQUID TRANSPORT CORPORATION **RCRA-CESQG** **1000575846**
2025 AUSTIN AVE **FINDS** **SCD987583028**
CHARLESTON, SC 29405

Relative:
Lower

Actual:
12 ft.

RCRA-CESQG:
Date form received by agency: 03/27/2002
Facility name: LIQUID TRANSPORT CORP
Facility address: 2025 AUSTIN AVENUE
CHARLESTON HEIGHTS, SC 29415
EPA ID: SCD987583028
Mailing address: AUSTIN AVENUE
CHARLESTON HEIGHTS, SC 29415
Contact: ROBERT SPRING

LIQUID TRANSPORT CORPORATION (Continued) **1000575846**

Contact address: 2025 AUSTIN AVENUE
CHARLESTON HEIGHTS, SC 29415
Contact country: US
Contact telephone: (803) 744-2883
Contact email: Not reported
EPA Region: 04
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: LIQUID TRANSPORT CORP
Owner/operator address: 6171 W 300 N
GREENFIELD, IN 46140
Owner/operator country: Not reported
Owner/operator telephone: (317) 894-2500
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 03/20/1998
Facility name: LIQUID TRANSPORT CORP
Classification: Conditionally Exempt Small Quantity Generator

LIQUID TRANSPORT CORPORATION (Continued) **1000575846**

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110002258823

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

L38 **BROWNING-FERRIS INDUSTRIES** **RCRA-NonGen** **1000437995**
ESE **1934 SUMMERVILLE AVENUE** **FINDS** **SCD981750714**
< 1/8 **CHARLESTON, SC 29405**
0.078 mi.
411 ft. **Site 1 of 4 in cluster L**

Relative:
Lower

Actual:
13 ft.

RCRA-NonGen:
Date form received by agency: 11/02/1998
Facility name: BROWNING-FERRIS INDUSTRIES
Facility address: 1934 SUMMERVILLE AVENUE
CHARLESTON, SC 29405

BROWNING-FERRIS INDUSTRIES (Continued) **1000437995**

EPA ID: SCD981750714
Mailing address: SUMMERVILLE AVENUE
CHARLESTON, SC 29405
Contact: MIKE RANDOLPH
Contact address: 1934 SUMMERVILLE AVENUE
CHARLESTON, SC 29405
Contact country: US
Contact telephone: (803) 554-4994
Contact email: Not reported
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BROWNING-FERRIS INDUSTRIES
Owner/operator address: OWNERSTREET
OWNERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS

BROWNING-FERRIS INDUSTRIES (Continued) **1000437995**

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110002255700

Environmental Interest/Information System

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RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L39 **BROWNING FERRIS INDUSTRIES** **UST** **U004018030**
ESE **1934 SUMMERVILLE AVE** **N/A**
< 1/8 **CHARLESTON, SC 29405**
0.080 mi.
421 ft. **Site 2 of 4 in cluster L**

Relative:
Lower

Actual:
13 ft.

UST:

Facility ID:	1681
Owner:	BROWNING FERRIS INDUSTRIES
Owner Contact:	WILLIAM POWERS
Owner Address:	237 FARMINGTON DR
Owner City,St,Zip:	SUMMERVILLE, SC 29483-5353
Owner Phone:	843-554-4994
Contact:	WILLIAM POWERS
Contact Tel:	803-554-4994
Tank ID:	1
Capacity:	10000
Product:	Diesel
Calcage:	5
Status:	**Abandoned**
Tank ID:	1
Capacity:	10000
Product:	Diesel
Calcage:	5
Status:	**Abandoned**

L40 **TRIDENT SERVICES INCORPORATED** **RCRA-NonGen** **1000187225**
ESE **1934 SUMMERVILLE AVE** **FINDS** **SCD057555708**
< 1/8 **CHARLESTON, SC 29405**
0.082 mi.
432 ft. **Site 3 of 4 in cluster L**

Relative:
Lower

Actual:
13 ft.

RCRA-NonGen:

Date form received by agency:	03/27/2002
Facility name:	TRIDENT SERVICES INC
Facility address:	1934 SUMMERVILLE AVE CHARLESTON, SC 29405
EPA ID:	SCD057555708
Mailing address:	SUMMERVILLE AVE CHARLESTON, SC 29405
Contact:	W AUSTIN
Contact address:	1934 SUMMERVILLE AVE CHARLESTON, SC 29405
Contact country:	US
Contact telephone:	(803) 554-4994
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TRIDENT SERV
Owner/operator address:	1934 SUMMERVILLE AVE CHARLESTON, SC 29405
Owner/operator country:	Not reported
Owner/operator telephone:	(999) 999-9999
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

TRIDENT SERVICES INCORPORATED (Continued) **1000187225**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 07/18/1980
Facility name: TRIDENT SERVICES INC
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Violation Status: No violations found

FINDS:

Registry ID: 110002197140

Environmental Interest/Information System

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L41 **BROWNING FERRIS INDUSTRIES** **LUST** **U003970124**
ESE **1934 SUMMERVILLE AVE** **N/A**
< 1/8 **CHARLESTON, SC 29405**
0.085 mi.
448 ft. **Site 4 of 4 in cluster L**

Relative:
Lower

Actual:
14 ft.

LUST:
Facility ID: 01477
Release Number: 1
Facility Status: Not reported
Substance: PETRO
Owner: BROWNING FERRIS INDUSTRIES
NFA Date: **07/18/95**
Date Confirmed: 12/30/92
Report Date: 12/30/92
Rank: Not reported

J42 **JENNINGS BODY SHOP** **RCRA-CESQG** **1001229783**
ESE **2038 MEETING ST** **FINDS** **SCR000006866**
< 1/8 **CHARLESTON, SC 29413**
0.088 mi.
465 ft. **Site 4 of 4 in cluster J**

Relative:
Higher

Actual:
18 ft.

RCRA-CESQG:

Date form received by agency:	01/31/2003
Facility name:	JENNINGS BODY SHOP
Facility address:	2038 MEETING ST CHARLESTON, SC 29413
EPA ID:	SCR000006866
Mailing address:	MEETING ST CHARLESTON, SC 29413
Contact:	MICHAEL JENNINGS
Contact address:	2038 MEETING ST CHARLESTON, SC 29413
Contact country:	US
Contact telephone:	(843) 554-6666
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	JENNINGS BODY SHOP
Owner/operator address:	MEETING ST CHARLESTON, SC 29405
Owner/operator country:	US
Owner/operator telephone:	(843) 554-6985
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/31/2003
Owner/Op end date:	Not reported

Owner/operator name:	MICHAEL C JENNINGS
Owner/operator address:	2026 MEETING ST CHARLSTON, SC 29405
Owner/operator country:	Not reported
Owner/operator telephone:	(843) 554-6985
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

JENNINGS BODY SHOP (Continued) **1001229783**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 07/13/1998
Facility name: JENNINGS BODY SHOP
Classification: Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: SR - 262.34(d)(5)(iii)
Area of violation: Generators - General
Date violation determined: 01/21/2003
Date achieved compliance: 03/07/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(d)(5)(ii)
Area of violation: Generators - General
Date violation determined: 01/21/2003
Date achieved compliance: 03/07/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.44(b)
Area of violation: Generators - Records/Reporting
Date violation determined: 01/21/2003
Date achieved compliance: 03/07/2003

JENNINGS BODY SHOP (Continued) **1001229783**

Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173(a)
Area of violation: Generators - General
Date violation determined: 01/21/2003
Date achieved compliance: 03/07/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/31/2003
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/21/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/07/2003
Evaluation lead agency: State

Evaluation date: 01/21/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/07/2003
Evaluation lead agency: State

FINDS:

Registry ID: 110002237151

Environmental Interest/Information System
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RCRAInfo is a national information system that supports the Resource

JENNINGS BODY SHOP (Continued) **1001229783**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

43
NNW
< 1/8
0.092 mi.
486 ft.

AMERICAST (TARMAC) **AST** **A100205517**
2750 AZALEA DRIVE **N/A**
N. CHARLESTON, SC

Relative:
Higher

Actual:
19 ft.

AST:

Facility ID:	1917
District:	Trident
Mailing Addr:	Not reported
Mailing City,St,Zip:	Charleston, SC 29405-
Lat/Long:	32 50 34.12 -79 58 05.42
Facility Manager:	Bill Gary
Manager Phone:	8435667952
Facility office location:	2750 Azalea Drive
Facility phone number:	8437445376
Facility Manager Ext:	Not reported
Tank A-How many of size < 250 glns:	0
Tank B-How many of size 250-1000 glns:	3
Tank C-How many of size 1001-2000 glns:	0
Tank D-How many of size 2001-10000 glns:	0
Tank E-How many of size 10001-42000 glns:	0
Tank F-How many of size 42001-250000 glns:	0
Tank G-How many of size 250001-1000000 glns:	0
Tank H-How many of size 10000001-4000000 glns:	0
Tank I-How many of size >4000000 glns:	0
Total site capacity 661-2,000 glns:	T
Total site capacity 2001-10,000 glns:	F
Total site capacity 10,001-42,000 glns:	F
Total site capacity 42,001-100,000 glns:	F
Total site capacity 100,001-250,000 glns:	F
Total site capacity 250,001-1,000,000 glns:	F
Total site capacity 1,000,001-5,000,000 glns:	F
Total site capacity 5,000,0001-10,000,000 glns:	F
Total site capacity >10,000,000 glns:	F
Actual storage amount in gallons:	1850.00000
GPS unit make/model:	Trimble XRS
GPS mode uncorrected,Radio beacon,Satellite corrected:	Sat - DGPS
Date data was collected:	08/08/02
NAICS code:	38.00000
Is this a registered terminal facility?:	F
If not, does it need to be registered?:	F
Earthen containment:	F
Asphalt containment:	F
Liner:	F
Concrete floor and walls:	T
Concrete walls, earth floor:	F
Block walls, concrete floor:	F
Block walls, earthe floor:	F
Double wall tank:	F
Does containment need repair?:	F

AMERICAST (TARMAC) (Continued) **A100205517**

Comments: Not reported

M44 **METAL TRADES INC** **LUST U003523570**
NNW **2778 SPRUILL AVE** **UST N/A**
< 1/8 **NORTH CHARLESTON, SC 29000**
0.095 mi.
503 ft. **Site 1 of 2 in cluster M**

Relative: Higher

Actual: 20 ft.

LUST:

Facility ID:	16607
Release Number:	1
Facility Status:	Not reported
Substance:	PETRO
Owner:	METAL TRADES INC
NFA Date:	**03/28/95**
Date Confirmed:	07/07/94
Report Date:	07/07/94
Rank:	Not reported

UST:

Facility ID:	16607
Owner:	METAL TRADES INC
Owner Contact:	M ROWLAND
Owner Address:	HWY 165
Owner City,St,Zip:	HOLLYWOOD, SC
Owner Phone:	803-889-6441
Contact:	M ROWLAND
Contact Tel:	Not reported
Tank ID:	1
Capacity:	1000
Product:	Gasoline
Calcage:	20
Status:	**Abandoned**
Tank ID:	2
Capacity:	1000
Product:	Gasoline
Calcage:	20
Status:	**Abandoned**

N45 **BAKER-I26 SITE** **SHWS S109546059**
SW **2381 BAKER HOSPITAL BLVD** **N/A**
< 1/8 **NORTH CHARLESTO, SC 29402**
0.101 mi.
531 ft. **Site 1 of 2 in cluster N**

Relative: Lower

Actual: 12 ft.

SHWS:

EPA ID: SCS123457027

N46 **BAKER-I26 SITE** **ALLSITES** **S108979308**
SW **2381 BAKER HOSPITAL BLVD** **BROWNFIELDS** **N/A**
< 1/8 **NORTH CHARLESTO, SC 29402**
0.106 mi.
559 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
12 ft.

ALLSITES:

Brownfield:	No
Brownfield Type:	Hazardous Substances
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	No
Lat:	Not reported
Long:	Not reported
Impacted Media:	Soil Contamination G/W Contamination As, Pb. PAH Aroclor-1221, benzo(a)pyrene

SC BROWNFIELD:

Contract Number:	05-5635-NRP
Contract Type:	NRP
File Number:	57305
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	5.2000000000000002
Contract Executed:	2005-12-20 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	SCOTT FREEMAN
Status Code:	ACTIVE
IC Received:	2005-09-20 00:00:00
Workplan Due:	2006-01-19 00:00:00
Workplan Received:	2006-01-23 00:00:00
Workplan Reviewed:	2006-03-02 00:00:00
Workplan Approved:	2007-05-21 00:00:00
Report Received:	Not reported
Report Reviewed:	2006-10-09 00:00:00
Report Approved:	2007-05-21 00:00:00
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

Contract Number:	05-5635-NRP
Contract Type:	NRP
File Number:	57305
Contract Manager:	GORMAN, ANGELA K
Person Company:	MAGNOLIA DEVELOPMENT LLC
Primary Address1:	1601 OCEANIC ST
Primary Address2:	Not reported
Primary City:	CHARLESTON
Primary State Code:	SC
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	5.2000000000000002

BAKER-I26 SITE (Continued) **S108979308**

Contract Executed:	2005-12-20 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	SCOTT FREEMAN
Status Code:	ACTIVE
IC Received:	2005-09-20 00:00:00
Workplan Due:	2006-01-19 00:00:00
Workplan Received:	2006-01-23 00:00:00
Workplan Reviewed:	2006-03-02 00:00:00
Workplan Approved:	2007-05-21 00:00:00
Report Received:	Not reported
Report Reviewed:	2006-10-09 00:00:00
Report Approved:	2007-05-21 00:00:00
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

O47 **SHERWIN WILLIAMS CO** **RCRA-NonGen** **1004780017**
NNW **2014 JACKSONVILLE ST** **FINDS** **SCD046506408**
< 1/8 **CHARLESTON HEIGHTS, SC 29405**
0.122 mi.
645 ft. **Site 1 of 2 in cluster O**

Relative:
Lower

Actual:
12 ft.

RCRA-NonGen:

Date form received by agency:	10/10/1984
Facility name:	SHERWIN WILLIAMS CO
Facility address:	2014 JACKSONVILLE ST CHARLESTON HEIGHTS, SC 29405
EPA ID:	SCD046506408
Mailing address:	PO BOX 70175 CHARLESTON HEIGHTS, SC 29405
Contact:	A ARTERS
Contact address:	PO BOX 70175 CHARLESTON HEIGHTS, SC 29405
Contact country:	US
Contact telephone:	(216) 566-2969
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SHERWIN WILLIAMS CO
Owner/operator address:	PO BOX 70175 CHARLESTON HEIGHTS, SC 29405
Owner/operator country:	Not reported
Owner/operator telephone:	(216) 566-2969
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

SHERWIN WILLIAMS CO (Continued) **1004780017**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110002313933

Environmental Interest/Information System

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48 **CHARLESTON CO DUMP** **SWF/LF** **S108237811**
SW **N/A**
1/8-1/4 **, SC**
0.140 mi.
739 ft.

Relative:
Lower

Actual:
12 ft.

LF:

Mailing Address:	Not reported
Mailing State:	Not reported
Mailing City:	Not reported
Mailing Zip:	0
Facility ID:	Not reported
Owned by:	Not reported
Rate Restriction:	Not reported
Rate Units:	Not reported
Cap Units:	Not reported
Data Source:	GPS1
Category:	MSW
Old Permit #:	Unavailable
Issue/Apprvl Dt:	Not reported
Last Modification:	Not reported
Total Capacity:	Not reported

CHARLESTON CO DUMP (Continued) **S108237811**

Status:	Not Active
Closure Date:	Not reported
Class:	Not reported
Waste:	Not reported
Operating:	Not Operating
Comments:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/Long:	0 / 0
Lat/Lon Cmmnts:	Not reported
UTM-E:	596372.0625
UTM-N:	3633908.25
Method:	27
Contact Name:	Not reported
Contact Phone:	Not reported
Restrictions:	?
EQC Region:	7
DON date recvd:	Not reported
DON Determ Dt:	Not reported
DON Ter Dt:	Not reported
Permitting Status:	Not reported
Replacement:	Not reported
Approved tons/yr:	Not reported
DON Comments:	Not reported
ISW Characterization Date:	Not reported

O49 **PHILLYSHIP OF CHARLESTON** **RCRA-NonGen** **1000575917**
NNW **2724 CARNER AVE** **FINDS** **SCD987583788**
1/8-1/4 **CHARLESTON HEIGHTS, SC 29418**
0.141 mi.
747 ft. **Site 2 of 2 in cluster O**

Relative:
Lower

Actual:
12 ft.

RCRA-NonGen:

Date form received by agency:	01/15/1997
Facility name:	PHILLSHIP OF CHARLESTON
Facility address:	2724 CARNER AVENUE CHARLESTON HEIGHTS, SC 29405
EPA ID:	SCD987583788
Mailing address:	PO BOX 20699 CHARLESTON, SC 294130699
Contact:	CARL BEAL
Contact address:	2724 CARNER AVENUE CHARLESTON HEIGHTS, SC 29405
Contact country:	US
Contact telephone:	(803) 554-7400
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOEL H VAN DIEPEN
Owner/operator address:	850 S SWANSON STREET PHILADELPHIA, PA 19147
Owner/operator country:	Not reported
Owner/operator telephone:	(215) 271-7400
Legal status:	Private
Owner/Operator Type:	Owner

PHILLYSHIP OF CHARLESTON (Continued) **1000575917**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110002313988

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

P50 **POLO CHAMP LLC SITE** **ALLSITES** **S109694647**
ESE **2000 MEETING ST** **N/A**
1/8-1/4 **CHARLESTON, SC 29405**
0.143 mi.
756 ft. **Site 1 of 5 in cluster P**

Relative:
Higher

Actual:
17 ft.

ALLSITES:

Brownfield:	No
Brownfield Type:	Hazardous Substances
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	No
Lat:	Not reported
Long:	Not reported
Impacted Media:	Not reported

P51 **SOUTHERN BELL CHTNSCGS** **GWCI** **U004017780**
ESE **2600 MEETING ST** **LUST** **N/A**
1/8-1/4 **NORTH CHARLESTON, SC 29** **UST**
0.144 mi.
759 ft. **Site 2 of 5 in cluster P**

Relative:
Higher

Actual:
18 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01536
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	Yes
Monitoring:	No
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01536. RBCA Classification 3BE1. Conducting investigation/Risk Assessment.

SOUTHERN BELL CHTNSCGS (Continued) **U004017780**

LUST:
- Facility ID: 01536
- Release Number: 1
- Facility Status: approved
- Substance: PETRO
- Owner: BELLSOUTH TELECOMMUNICATIONS
- **NFA Date: 09/30/08**
- Date Confirmed: 02/08/94
- Report Date: 06/30/93
- Rank: 3BF

LUST DETAIL:
- Release Date: 6/30/1993
- Cleanup Complete Date: Not reported
- RP Name: BELLSOUTH TELECOMMUNICATIONS
- RP Address: 7825 RED TOP RD
- RP City: MACCLENNY
- RP State: FL
- RP Zip: 32063
- SCRBCA Class Code: CLASS3BF
- Depth to Ground Water: 3
- Ground Water Flow Direction: NE
- Project Manager: PADGETT, JOEL P
- Release Fin Type Code: With SUPERB
- SSTL Established Code: Department

UST:
- Facility ID: 1536
- Owner: BELLSOUTH TELECOMMUNICATIONS
- Owner Contact: DOUG HIGGINS
- Owner Address: 7825 RED TOP RD
- Owner City,St,Zip: MACCLENNY, FL
- Owner Phone: 704-922-1515
- Contact: DOUG HIGGINS
- Contact Tel: Not reported

- Tank ID: 1
- Capacity: 10000
- Product: Gasoline
- Calcage: Not reported
- **Status: Abandoned**

- Tank ID: 2
- Capacity: 10000
- Product: Gasoline
- Calcage: Not reported
- **Status: Abandoned**

52
SW
1/8-1/4
0.144 mi.
762 ft.

Relative:
Higher

Actual:
17 ft.

MOBIL CHEMICAL CO
KING ST EXTN
CHARLESTON HEIGHTS, SC 29405

Database(s): RCRA-TSDF, CERC-NFRAP, CORRACTS, RCRA-LQG, TRIS, SSTS, SHWS, GWCI, AIRS

EDR ID Number: 1000253074
EPA ID Number: 29415LBRGH21

RCRA-TSDF:

Date form received by agency:	07/22/2009
Facility name:	RHODIA INC
Facility address:	2151 KING ST EXT CHARLESTON, SC 294056124
EPA ID:	SCD003358389
Mailing address:	KING ST EXT CHARLESTON, SC 294056124
Contact:	BARRY SOCIA
Contact address:	KING ST EXT CHARLESTON, SC 294056124
Contact country:	US
Contact telephone:	(843) 740-5213
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date:	Not reported
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	RHODIA INC
Owner/operator address:	CEDAR BROOK DR CRANBURY, NJ 08512
Owner/operator country:	US
Owner/operator telephone:	(609) 860-4000
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1980
Owner/Op end date:	Not reported
Owner/operator name:	RHODIA INC
Owner/operator address:	2151 KING ST EXT CHARLESTON HEIGHTS, SC 29405
Owner/operator country:	US

MOBIL CHEMICAL CO (Continued) **1000253074**

Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 01/01/2008
Facility name: RHODIA INC
Classification: Large Quantity Generator

Date form received by agency: 01/01/2006
Facility name: RHODIA INC
Classification: Large Quantity Generator

Date form received by agency: 01/01/2004
Facility name: RHODIA INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: RHODIA INC

MOBIL CHEMICAL CO (Continued) **1000253074**

Classification: Large Quantity Generator

Date form received by agency: 07/17/2000
Facility name: RHODIA INC
Classification: Large Quantity Generator

Date form received by agency: 01/03/2000
Facility name: RHODIA INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/1998
Facility name: RHODIA INC
Site name: ALBRIGHT & WILSON (AMERICAS)
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: RHODIA INC
Site name: ALBRIGHT & WILSON (AMERICAS)
Classification: Large Quantity Generator

Date form received by agency: 05/16/1994
Facility name: RHODIA INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Facility name: RHODIA INC
Site name: ALBRIGHT & WILSON (AMERICAS)
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Facility name: RHODIA INC
Site name: ALBRIGHT & WILSON, AMERICAS
Classification: Large Quantity Generator

Date form received by agency: 08/21/1989
Facility name: RHODIA INC
Classification: Not a generator, verified

Biennial Reports:

Last Biennial Reporting Year: 2009

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 505620

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

MOBIL CHEMICAL CO (Continued) **1000253074**

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 592430

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs): 64950

Waste code: D004
Waste name: ARSENIC
Amount (Lbs): 0

Waste code: D022
Waste name: CHLOROFORM
Amount (Lbs): 1550

Waste code: D026
Waste name: CRESOL
Amount (Lbs): 93300

Waste code: D028
Waste name: 1,2-DICHLOROETHANE
Amount (Lbs): 480580

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 465880

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 826580

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

MOBIL CHEMICAL CO (Continued) **1000253074**

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 1550

Waste code: U188
Waste name: PHENOL
Amount (Lbs): 93300

Corrective Action Summary:

Event date: 01/31/1989
Event: RFA Initiation

Event date: 08/03/1989
Event: RFA Completed

Event date: 11/06/1989
Event: RFI Imposition

Event date: 03/05/1990
Event: RFI Workplan Received

Event date: 08/15/1990
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 08/15/1990
Event: RFI Workplan Modification Requested By Agency

Event date: 12/15/1990
Event: RFI Workplan Received

Event date: 01/14/1992
Event: CACAO

Event date: 03/31/1992
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 07/07/1992
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 09/28/1992
Event: RFI Workplan Received

Event date: 12/20/1993
Event: RFI Workplan Approved

Event date: 03/22/1994
Event: RFI Supplemental Information Received

Event date: 06/03/1994
Event: FI Progress Reports Received

Event date: 09/06/1994

MOBIL CHEMICAL CO (Continued) **1000253074**

Event: FI Progress Reports Received

Event date: 09/15/1994
Event: Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 09/15/1994
Event: CA226YB

Event date: 02/02/1995
Event: CA610

Event date: 03/01/1995
Event: RFI Workplan Received

Event date: 03/01/1995
Event: CA184

Event date: 07/05/1995
Event: Stabilization Measures Implemented

Event date: 07/05/1995
Event: CA640

Event date: 01/26/1996
Event: CA610

Event date: 03/07/1996
Event: CA630

Event date: 09/30/1996
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 09/30/1996
Event: CA186

Event date: 01/01/1997
Event: CA184

Event date: 04/10/1998
Event: RFI Approved

Event date: 04/10/1998
Event: RFI Workplan Approved

Event date: 06/04/1998
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 06/04/1998
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 09/15/1998
Event: CA610

MOBIL CHEMICAL CO (Continued) **1000253074**

Event date:	09/23/1998
Event:	CA610
Event date:	06/25/1999
Event:	CA630
Event date:	08/12/1999
Event:	CA184
Event date:	07/19/2000
Event:	CA610XG
Event date:	09/20/2000
Event:	CAX650H
Event date:	09/29/2000
Event:	Stabilization Construction Completed
Event date:	10/31/2000
Event:	Stabilization Construction Completed
Event date:	10/31/2000
Event:	CA640
Event date:	01/08/2001
Event:	CA630XG
Event date:	05/15/2001
Event:	CA186
Event date:	09/11/2001
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event date:	03/29/2002
Event:	CMS Imposition
Event date:	03/29/2002
Event:	RFI Approved
Event date:	06/28/2002
Event:	RFI Workplan Received
Event date:	09/18/2002
Event:	Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This

MOBIL CHEMICAL CO (Continued) **1000253074**

determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 11/04/2002
Event: RFI Workplan Approved

Event date: 06/06/2003
Event: CMS Report Received

Event date: 06/12/2003
Event: RFI Report Received

Event date: 05/28/2004
Event: RFI Approved

Event date: 06/09/2004
Event: CA336

Event date: 01/07/2005
Event: CMS Report Received

Event date: 09/08/2005
Event: Notice of Contamination

Event date: 09/29/2005
Event: CA336

Event date: 06/21/2006
Event: CA102

Event date: 07/26/2006
Event: CA104

Event date: 08/07/2006
Event: CA106

Event date: 10/16/2006
Event: CA107

Event date: 12/29/2006
Event: CMS Report Received

Event date: 02/05/2007
Event: CA107

Event date: 05/31/2007
Event: CA630

Event date: 06/19/2007
Event: CA336

Event date: 10/09/2007
Event: RFI Workplan Received

Event date: 11/21/2007
Event: CA336

MOBIL CHEMICAL CO (Continued) **1000253074**

Event date: 12/19/2007
Event: CMS Approved

Event date: 12/19/2007
Event: CMS Report Received

Event date: 09/25/2008
Event: CA104

Event date: 09/29/2008
Event: CA640

Event date: 10/27/2008
Event: CA106

Event date: 12/31/2008
Event: CA334

Event date: 03/24/2009
Event: CA336

Event date: 04/03/2009
Event: CA610

Event date: 04/03/2009
Event: CA107

Event date: 06/22/2009
Event: CA334

Event date: 07/09/2009
Event: CA104

Event date: 07/15/2009
Event: CA106

Event date: 09/30/2009
Event: Date For Remedy Selection (CM Imposed)

Event date: 09/30/2009
Event: CMS Approved

Event date: 10/30/2009
Event: CA109

Event date: 10/30/2009
Event: CA630

Event date: 11/09/2009
Event: CA647

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/2009
Date achieved compliance: 11/03/2009
Violation lead agency: State

MOBIL CHEMICAL CO (Continued) **1000253074**

Enforcement action: Not reported
Enforcement action date: 08/28/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/25/2009
Date achieved compliance: 11/03/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/28/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/25/2009
Date achieved compliance: 11/03/2009
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/28/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 05/22/2008
Date achieved compliance: 05/22/2008
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/02/2007
Date achieved compliance: 09/25/2007
Violation lead agency: State
Enforcement action: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Enforcement action date: 08/14/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 05/09/2006
Date achieved compliance: 06/26/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 05/09/2006
Date achieved compliance: 06/26/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/16/2005

MOBIL CHEMICAL CO (Continued) **1000253074**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: PC - VI.B.1.
Area of violation: TSD - General Facility Standards
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: PC - I.E.14
Area of violation: TSD - General Facility Standards
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: PC - I.G.
Area of violation: TSD - General Facility Standards
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: PC - I.E.14
Area of violation: TSD - General Facility Standards
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/16/2005
Enf. disposition status: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: PC - VI.B.1.
Area of violation: TSD - General Facility Standards
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/16/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: PC - I.G.
Area of violation: TSD - General Facility Standards
Date violation determined: 09/08/2005
Date achieved compliance: 07/21/2006
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/16/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.11
Area of violation: Generators - Records/Reporting
Date violation determined: 08/19/2004
Date achieved compliance: 10/11/2004
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/27/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.175(b)(1)
Area of violation: Generators - General
Date violation determined: 08/19/2004
Date achieved compliance: 10/11/2004
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/27/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.175(b)(1)
Area of violation: Generators - General
Date violation determined: 06/25/2003
Date achieved compliance: 10/21/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/21/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.37(a)
Area of violation: Generators - General
Date violation determined: 06/25/2003
Date achieved compliance: 10/21/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/21/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.193(c)(1)
Area of violation: Generators - General
Date violation determined: 06/25/2003
Date achieved compliance: 10/21/2003
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/21/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.175(b)(1-4)
Area of violation: TSD - Container Use and Management
Date violation determined: 04/18/2002
Date achieved compliance: 07/11/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

MOBIL CHEMICAL CO (Continued) **1000253074**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.175(b)(1-4)
Area of violation: TSD - Container Use and Management
Date violation determined: 04/18/2002
Date achieved compliance: 07/11/2002
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/11/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.52(d)
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 04/18/2002
Date achieved compliance: 07/11/2002
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 07/11/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.52(d)
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 04/18/2002
Date achieved compliance: 07/11/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/11/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.175(b)(1)
Area of violation: Generators - General
Date violation determined: 02/06/2001
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/18/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.75(a)(3)
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/24/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 3875
Paid penalty amount: 3875

Regulation violated: SR - 262.20(a)
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/18/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.20(a)
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Paid penalty amount: Not reported

Regulation violated: SR - 264.173(a)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/18/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(a)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/24/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 3875
Paid penalty amount: 3875

Regulation violated: SR - 264.175(d)(1)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/24/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 3875
Paid penalty amount: 3875

MOBIL CHEMICAL CO (Continued) **1000253074**

Regulation violated: SR - 264.175(d)(1)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/18/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.75(a)(3)
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/18/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.75(a)(3)
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.20(a)
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/24/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 3875
Paid penalty amount: 3875

Regulation violated: SR - 264.173(a)

MOBIL CHEMICAL CO (Continued) **1000253074**

Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/24/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 3875
Paid penalty amount: 3875

Regulation violated: SR - 264.175(d)(1)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: TSD - Container Use and Management
Date violation determined: 07/12/2000
Date achieved compliance: 04/24/2001
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/11/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(a)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(a)
Area of violation: TSD - Container Use and Management

MOBIL CHEMICAL CO (Continued) **1000253074**

Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/18/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(b)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 09/28/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(b)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/18/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 09/28/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998

MOBIL CHEMICAL CO (Continued) **1000253074**

Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 08/18/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(c)(1)(ii)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/18/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 2800
Paid penalty amount: 2800

Regulation violated: SR - 264.173(a)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 09/28/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(b)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999

MOBIL CHEMICAL CO (Continued) **1000253074**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/22/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(b)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/18/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 2800
Paid penalty amount: 2800

Regulation violated: SR - 264.173(a)
Area of violation: TSD - Container Use and Management
Date violation determined: 06/24/1998
Date achieved compliance: 02/18/1999
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 02/18/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 2800
Paid penalty amount: 2800

Regulation violated: SR - 264.52(E)
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/17/1996
Date achieved compliance: 12/03/1996
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/31/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.31
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 10/17/1996
Date achieved compliance: 12/03/1996
Violation lead agency: State

MOBIL CHEMICAL CO (Continued) **1000253074**

Enforcement action: Not reported
Enforcement action date: 10/31/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.53(B)
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/17/1996
Date achieved compliance: 12/03/1996
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/31/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - verifi. by 4-15-96
Area of violation: TSD - General
Date violation determined: 03/18/1996
Date achieved compliance: 03/19/1996
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 03/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 264.16(C)
Area of violation: Generators - Records/Reporting
Date violation determined: 03/06/1996
Date achieved compliance: 03/19/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 03/06/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 264.31
Area of violation: TSD - Container Use and Management
Date violation determined: 01/04/1994
Date achieved compliance: 01/04/1994
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL

MOBIL CHEMICAL CO (Continued) **1000253074**

Enforcement action date: 01/04/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 264.193(B)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/04/1994
Date achieved compliance: 01/04/1994
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 01/04/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 264.175
Area of violation: TSD - Container Use and Management
Date violation determined: 01/04/1994
Date achieved compliance: 01/04/1994
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 01/04/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 264.175(B) AND 264.31
Area of violation: TSD - Tank System Standards
Date violation determined: 01/04/1994
Date achieved compliance: 01/04/1994
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 01/04/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 264.175(B)(1)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/04/1994
Date achieved compliance: 01/04/1994
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 01/04/1994

MOBIL CHEMICAL CO (Continued) **1000253074**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.11
Area of violation: TSD - Container Use and Management
Date violation determined: 01/04/1994
Date achieved compliance: 01/04/1994
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 01/04/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 264.194(B&C)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/04/1994
Date achieved compliance: 01/04/1994
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 01/04/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(d)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/03/1994
Date achieved compliance: 06/09/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - permit III.g + 264.174
Area of violation: TSD - Container Use and Management
Date violation determined: 01/03/1994
Date achieved compliance: 06/09/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/11/1994
Enf. disposition status: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - permit III. H. + 262.11
Area of violation: TSD - Container Use and Management
Date violation determined: 01/03/1994
Date achieved compliance: 06/09/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34 (a)(2)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/03/1994
Date achieved compliance: 06/09/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/11/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(c)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6200
Final penalty amount: 6200
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(c)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 02/01/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262(c)(2)
Area of violation: Generators - General
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6200
Final penalty amount: 6200
Paid penalty amount: Not reported

Regulation violated: SR - 262(c)(1)(ii)
Area of violation: Generators - General
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6200
Final penalty amount: 6200
Paid penalty amount: Not reported

Regulation violated: SR - 262(c)(2)
Area of violation: Generators - General
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 02/01/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(d)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 02/01/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

MOBIL CHEMICAL CO (Continued) **1000253074**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(d)
Area of violation: TSD - Container Use and Management
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 6200
Final penalty amount: 6200
Paid penalty amount: Not reported

Regulation violated: SR - 262(c)(1)(ii)
Area of violation: Generators - General
Date violation determined: 01/06/1993
Date achieved compliance: 08/09/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 02/01/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34c(2)
Area of violation: TSD - General
Date violation determined: 09/08/1992
Date achieved compliance: 12/01/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/01/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.175(a)4
Area of violation: TSD - General
Date violation determined: 09/08/1992
Date achieved compliance: 12/01/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/26/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34c(2)
Area of violation: TSD - General
Date violation determined: 09/08/1992
Date achieved compliance: 12/01/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/26/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.175(a)4
Area of violation: TSD - General
Date violation determined: 09/08/1992
Date achieved compliance: 12/01/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/01/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - R6179.264.171
Area of violation: TSD - General
Date violation determined: 09/05/1991
Date achieved compliance: 11/15/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 11/04/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 800
Final penalty amount: 800
Paid penalty amount: 800

Regulation violated: SR - R61-79.264.13
Area of violation: TSD - General Facility Standards
Date violation determined: 03/27/1991
Date achieved compliance: 05/20/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Paid penalty amount: Not reported

Regulation violated: SR - R61-79.264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 03/27/1991
Date achieved compliance: 05/20/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/24/1990
Date achieved compliance: 02/15/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/02/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/24/1990
Date achieved compliance: 02/15/1991
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/17/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 7000
Final penalty amount: 7000
Paid penalty amount: 7000

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/24/1990
Date achieved compliance: 04/26/1991
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Evaluation Action Summary:

Evaluation date:	11/03/2009
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD - Container Use and Management
Date achieved compliance:	11/03/2009
Evaluation lead agency:	State
Evaluation date:	11/03/2009
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	Generators - Pre-transport
Date achieved compliance:	11/03/2009
Evaluation lead agency:	State
Evaluation date:	11/03/2009
Evaluation:	COMPLIANCE SCHEDULE EVALUATION
Area of violation:	TSD - General Facility Standards
Date achieved compliance:	11/03/2009
Evaluation lead agency:	State
Evaluation date:	09/25/2009
Evaluation:	NON-FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	06/25/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - Container Use and Management
Date achieved compliance:	11/03/2009
Evaluation lead agency:	State
Evaluation date:	06/25/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Generators - Pre-transport
Date achieved compliance:	11/03/2009
Evaluation lead agency:	State
Evaluation date:	06/25/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	06/25/2009
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	TSD - General Facility Standards
Date achieved compliance:	11/03/2009
Evaluation lead agency:	State
Evaluation date:	05/20/2009
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	03/19/2009
Evaluation:	FINANCIAL RECORD REVIEW

MOBIL CHEMICAL CO (Continued) **1000253074**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/22/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 05/22/2008
Evaluation lead agency: State

Evaluation date: 12/04/2007
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/25/2007
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 09/25/2007
Evaluation lead agency: State

Evaluation date: 08/02/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 09/25/2007
Evaluation lead agency: State

Evaluation date: 12/11/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/21/2006
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/26/2006
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 06/26/2006
Evaluation lead agency: State

Evaluation date: 05/09/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 06/26/2006
Evaluation lead agency: State

MOBIL CHEMICAL CO (Continued) **1000253074**

Evaluation date: 01/16/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/06/2005
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/21/2005
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/08/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 07/21/2006
Evaluation lead agency: State

Evaluation date: 09/08/2005
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 07/21/2006
Evaluation lead agency: State

Evaluation date: 08/23/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/12/2005
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 10/11/2004
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/19/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/11/2004
Evaluation lead agency: State

Evaluation date: 08/19/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting

MOBIL CHEMICAL CO (Continued) **1000253074**

Date achieved compliance: 10/11/2004
Evaluation lead agency: State

Evaluation date: 03/26/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/03/2004
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/21/2003
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/25/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/21/2003
Evaluation lead agency: State

Evaluation date: 04/18/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 07/11/2002
Evaluation lead agency: State

Evaluation date: 04/18/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 07/11/2002
Evaluation lead agency: State

Evaluation date: 09/06/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/24/2001
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/06/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/24/2001
Evaluation lead agency: State

MOBIL CHEMICAL CO (Continued) **1000253074**

Evaluation date: 10/10/2000
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/12/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 04/24/2001
Evaluation lead agency: State

Evaluation date: 07/12/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 04/24/2001
Evaluation lead agency: State

Evaluation date: 05/25/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/18/1999
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/24/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/24/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/18/1999
Evaluation lead agency: State

Evaluation date: 12/03/1996
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/17/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 12/03/1996
Evaluation lead agency: State

Evaluation date: 10/17/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures

MOBIL CHEMICAL CO (Continued) **1000253074**

Date achieved compliance: 12/03/1996
Evaluation lead agency: State

Evaluation date: 03/06/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/19/1996
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 03/06/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/19/1996
Evaluation lead agency: State

Evaluation date: 05/25/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/09/1994
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/04/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 01/04/1994
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 01/04/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 01/04/1994
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 01/03/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 06/09/1994
Evaluation lead agency: State

Evaluation date: 01/03/1994
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/09/1993
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MOBIL CHEMICAL CO (Continued) **1000253074**

Evaluation date: 06/23/1993
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/06/1993
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/06/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 08/09/1993
Evaluation lead agency: State

Evaluation date: 01/06/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/09/1993
Evaluation lead agency: State

Evaluation date: 09/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/01/1992
Evaluation lead agency: State

Evaluation date: 11/15/1991
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/05/1991
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/28/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - General
Date achieved compliance: 11/15/1991
Evaluation lead agency: State

Evaluation date: 03/20/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 05/20/1991
Evaluation lead agency: State

Evaluation date: 03/20/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management

MOBIL CHEMICAL CO (Continued) **1000253074**

Date achieved compliance: 05/20/1991
Evaluation lead agency: State

Evaluation date: 08/24/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/26/1991
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 08/24/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/15/1991
Evaluation lead agency: State

Evaluation date: 08/23/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/15/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CERC-NFRAP:
Site ID: 0403253
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: RPM
Contact Name: Barbara Alfano
Contact Tel: (404) 562-8923

Contact Title: Not reported
Contact Name: Donna Bledsoe
Contact Tel: (404) 562-8778

Contact Title: RPM
Contact Name: Randall Chaffins
Contact Tel: (404) 562-8910

Contact Title: Not reported
Contact Name: Corey Diehl-Miller
Contact Tel: (404) 562-8738

Contact Title: NPL Coordinator
Contact Name: Cindy Gurley
Contact Tel: (404) 562-8817

Contact Title: RPM
Contact Name: Ralph Howard
Contact Tel: (404) 562-8829

MOBIL CHEMICAL CO (Continued) **1000253074**

Contact Title: Not reported
Contact Name: Felicia Jackson
Contact Tel: (404) 562-8894

Contact Title: RPM
Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793

Contact Title: RPM
Contact Name: William Joyner
Contact Tel: (404) 562-8795

Contact Title: RPM
Contact Name: Mike Norman
Contact Tel: (404) 562-8792

Contact Title: Not reported
Contact Name: Paul Wagner
Contact Tel: (404) 562-8792

Contact Title: Not reported
Contact Name: Beth Walden
Contact Tel: (404) 562-8814

Contact Title: Not reported
Contact Name: Donna Webster
Contact Tel: (404) 562-8870

Contact Title: Not reported
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

Contact Title: RPM
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: MOBIL CHEMICAL CO
Alias Address: Not reported
CHARLESTON, SC

Alias Name: ALBRIGHT & WILSON
Alias Address: Not reported
CHARLESTON, SC

Alias Name: MOBIL CHEMICAL CO
Alias Address: Not reported
CHARLESTON, SC

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/01/1981
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT

MOBIL CHEMICAL CO (Continued) **1000253074**

Date Started: Not reported
Date Completed: 05/14/1985
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 02/24/1989
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 02/24/1989
Priority Level: NFRAP: No further Remedial Action planned

CORRACTS:

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 1/1/1997
Action: CA184
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 1/7/2005
Action: CA340 - CMS Report Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: EI PROJECT SCHEDULE
Actual Date: 1/8/2001
Action: CA630XG
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 12/31/2000
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 1/26/1996
Action: CA610
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 2/2/1995
Action: CA610
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 2/5/2007
Action: CA107
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/1/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/1/1995
Action: CA184
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/5/1990
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 03/07/1990
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/7/1996
Action: CA630
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing

MOBIL CHEMICAL CO (Continued) **1000253074**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/22/1994
Action: CA160 - RFI Supplemental Information Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 3/24/2009
Action: CA336
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/29/2002
Action: CA250 - CMS Imposition
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/29/2002
Action: CA200 - RFI Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1992
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Halide Sump Unit

MOBIL CHEMICAL CO (Continued) **1000253074**

Actual Date: 4/3/2009
Action: CA610
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Halide Sump Unit
Actual Date: 4/3/2009
Action: CA107
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/10/1998
Action: CA200 - RFI Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/10/1998
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 5/15/2001
Action: CA186
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: BONE YARD & BACKWATER AREA
Actual Date: 5/28/2004
Action: CA200 - RFI Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 5/31/2007
Action: CA630
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/3/1994
Action: CA195 - FI Progress Reports Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/4/1998
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/4/1998
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 6/6/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 6/9/2004

MOBIL CHEMICAL CO (Continued) **1000253074**

Action: CA336
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: BONE YARD & BACKWATER AREA
Actual Date: 6/12/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 6/19/2007
Action: CA336
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 6/21/2006
Action: CA102
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 6/22/2009
Action: CA334
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/25/1999
Action: CA630
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389

MOBIL CHEMICAL CO (Continued) **1000253074**

EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/28/2002
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/5/1995
Action: CA640
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/5/1995
Action: CA600 - Stabilization Measures Implemented
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/7/1992
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 05/15/1992
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: RAW MATERIAL STORAGE AREA RELEASE
Actual Date: 7/9/2009
Action: CA104
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: RAW MATERIAL STORAGE AREA RELEASE
Actual Date: 7/15/2009
Action: CA106
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: EI PROJECT SCHEDULE
Actual Date: 7/19/2000
Action: CA610XG
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 07/31/2000
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 7/26/2006
Action: CA104
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 8/7/2006
Action: CA106
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/12/1999
Action: CA184
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/15/1990
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/15/1990
Action: CA120 - RFI Workplan Modification Requested By Agency

MOBIL CHEMICAL CO (Continued) **1000253074**

NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/6/1994
Action: CA195 - FI Progress Reports Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 9/8/2005
Action: CA060 - Notice of Contamination
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: EI PROJECT SCHEDULE
Actual Date: 9/11/2001
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 03/31/2001
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/11/2001
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 03/31/2001
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/15/1998
Action: CA610
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

EPA ID: SCD003358389
EPA Region: 4
Area Name: EI PROJECT SCHEDULE
Actual Date: 9/18/2002
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 12/31/2002
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/18/2002
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 12/31/2002
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: EI PROJECT SCHEDULE
Actual Date: 9/20/2000
Action: CAX650H
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 09/30/2000
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/23/1998
Action: CA610
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Halide Sump Unit
Actual Date: 9/25/2008
Action: CA104
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/28/1992
Action: CA110 - RFI Workplan Received

MOBIL CHEMICAL CO (Continued) **1000253074**

NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 09/28/1992
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/29/2000
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 9/29/2005
Action: CA336
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 9/29/2008
Action: CA640
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/30/1996
Action: CA186
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/30/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4

MOBIL CHEMICAL CO (Continued) **1000253074**

Area Name: ENTIRE FACILITY
Actual Date: 9/30/2009
Action: CA350 - CMS Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/30/2009
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Ashley Rover Sediments
Actual Date: 10/9/2007
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 10/16/2006
Action: CA107
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Halide Sump Unit
Actual Date: 10/27/2008
Action: CA106
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Halide Sump Unit
Actual Date: 10/30/2009
Action: CA109
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

MOBIL CHEMICAL CO (Continued) **1000253074**

EPA ID: SCD003358389
EPA Region: 4
Area Name: Halide Sump Unit
Actual Date: 10/30/2009
Action: CA630
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/31/2000
Action: CA640
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/31/2000
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: BONE YARD & BACKWATER AREA
Actual Date: 11/4/2002
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/6/1989
Action: CA100 - RFI Imposition
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: AOC 37
Actual Date: 11/9/2009
Action: CA647
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing

MOBIL CHEMICAL CO (Continued) **1000253074**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Ashley Rover Sediments
Actual Date: 11/21/2007
Action: CA336
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/15/1990
Action: CA110 - RFI Workplan Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: 12/11/1990
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Ashley Rover Sediments
Actual Date: 12/19/2007
Action: CA340 - CMS Report Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: Ashley Rover Sediments
Actual Date: 12/19/2007
Action: CA350 - CMS Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/20/1993
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 12/29/2006

MOBIL CHEMICAL CO (Continued) **1000253074**

Action: CA340 - CMS Report Received
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003358389
EPA Region: 4
Area Name: SWMU 1,2,10,12,17,21,27,30,32,35, BY&TBA
Actual Date: 12/31/2008
Action: CA334
NAICS Code(s): 325199
All Other Basic Organic Chemical Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

SSTS:
Product: BASE 211 ETHEPHON
Contact: H FRANK LAWSON VP MFTRING & TECH P: 804-968-6402
Status: Not reported
Registration Number: 004564-SC-001
Report Year: 2008
Permit: Not reported
Product Number: 004564-CF-00002
Product Type: Technical material or active ingredient
Product Class: Not reported
Product Use: Not reported
UOM: Not reported
Market: Exported out of the United States
Region: 4
Zero product: No
Pesticide RUP report: 2

Product: ETHEPHON CONCENTRATE (ETHEPHON MC)
Contact: H FRANK LAWSON VP MFTRING & TECH P: 804-968-6402
Status: Not reported
Registration Number: 004564-SC-001
Report Year: 2008
Permit: Not reported
Product Number: 004564-CF-00001
Product Type: Technical material or active ingredient
Product Class: Not reported
Product Use: Not reported
UOM: Not reported
Market: Marketed in the United States
Region: 4
Zero product: No
Pesticide RUP report: 2

Product: BASE 250 ETHEPHON
Contact: H FRANK LAWSON VP MFTRING & TECH P: 804-968-6402
Status: Not reported
Registration Number: 004564-SC-001
Report Year: 2008
Permit: Not reported
Product Number: 264-511
Product Type: Technical material or active ingredient

MOBIL CHEMICAL CO (Continued) **1000253074**

Product Class: Not reported
Product Use: Not reported
UOM: Not reported
Market: Marketed in the United States
Region: 4
Zero product: No
Pesticide RUP report: 2

SHWS:
EPA ID: SCD003358389

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD003358389
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	50932
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA
Contamination:	PETRO, VOC, METALS, NO3, PEST/HERB
Petroleum Products:	True
Volatile Organic Compounds:	True
Metals:	True
Nitrates or Potential to Nitrate:	True
Pesticides & Herbicides:	True
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	AGT, UST, S/L
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES
Monitoring:	NO
Remediation:	YES
Surface Impact:	YES
Drinking Water Well Impact:	Not reported

Remarks: In assessment and remediation phases. Interceptor trench installed parallel to the Ashley River as an interim measure. Facility is pumping from interceptor trench and monitoring. Formerly Albright & Wilson Americas.

AIRS:
Operate Status: operating
Year Inv: 2008
Emissions Contact: BARRY SOCIA

MOBIL CHEMICAL CO (Continued) **1000253074**

Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	INDENO(1,2,3-CD)PYRENE
Estimated Emissions (Tons/Yr):	0.0000000141
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	ACENAPHTHYLENE
Estimated Emissions (Tons/Yr):	0.00000000166
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	MERCURY & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.00002787
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	CARBON MONOXIDE
Estimated Emissions (Tons/Yr):	8.787725

MOBIL CHEMICAL CO (Continued) **1000253074**

Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	CADMIUM & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.0001173
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	BERYLLIUM & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.000000183
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	PYRENE
Estimated Emissions (Tons/Yr):	0.0000005497
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011

MOBIL CHEMICAL CO (Continued) **1000253074**

State Permit Type:	TITLEV
Pollutant Description:	FORMALDEHYDE
Estimated Emissions (Tons/Yr):	0.008034
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	CHROMIUM COMPOUNDS
Estimated Emissions (Tons/Yr):	0
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	2-METHYLNAPTHALENE
Estimated Emissions (Tons/Yr):	0.000003801
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	FLUORENE
Estimated Emissions (Tons/Yr):	0.0000003218
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753

MOBIL CHEMICAL CO (Continued) **1000253074**

Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	LEAD & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.00006209
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	NITROGEN DIOXIDE
Estimated Emissions (Tons/Yr):	10.78357
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	NICKEL & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.0007739
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	MANGANESE & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.0000593
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON

MOBIL CHEMICAL CO (Continued) **1000253074**

Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	BENZO(B,J,K)FLUORANTHENE
Estimated Emissions (Tons/Yr):	0.000000009716
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	CHROMIUM (CR6PT)
Estimated Emissions (Tons/Yr):	0.000001628
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	CARBON DIOXIDE
Estimated Emissions (Tons/Yr):	12667.18
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	ARSENIC & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.00002951
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA

MOBIL CHEMICAL CO (Continued) **1000253074**

Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	NAPHTHALENE
Estimated Emissions (Tons/Yr):	0.00007102
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	PHENANTHRENE
Estimated Emissions (Tons/Yr):	0.000001839
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	ACENAPTHENE
Estimated Emissions (Tons/Yr):	0.000000139
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	PHOSPHORIC ACID
Estimated Emissions (Tons/Yr):	0.9

MOBIL CHEMICAL CO (Continued) **1000253074**

Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	HYDROCHLORIC ACID
Estimated Emissions (Tons/Yr):	0.1
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	ACETALDEHYDE
Estimated Emissions (Tons/Yr):	0.00003355
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	ETHANE
Estimated Emissions (Tons/Yr):	0.323098
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011

MOBIL CHEMICAL CO (Continued) **1000253074**

State Permit Type:	TITLEV
Pollutant Description:	METHANE
Estimated Emissions (Tons/Yr):	0.246283
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	SULFUR TRIOXIDE
Estimated Emissions (Tons/Yr):	0.027573
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	BENZENE
Estimated Emissions (Tons/Yr):	0.0002203
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	BENZ(A)ANTHRACENE
Estimated Emissions (Tons/Yr):	0.0000000263
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753

MOBIL CHEMICAL CO (Continued) **1000253074**

Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	DIBENZO(A,H)ANTHRACENE
Estimated Emissions (Tons/Yr):	0.0000000105
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	CHRYSENE
Estimated Emissions (Tons/Yr):	0.0000000156
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	FLUORANTHENE
Estimated Emissions (Tons/Yr):	0.0000003455
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	BENZO(G,H,I)PERYLENE
Estimated Emissions (Tons/Yr):	0.0000000148
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON

MOBIL CHEMICAL CO (Continued) **1000253074**

Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	CHROMIUM (CR3)
Estimated Emissions (Tons/Yr):	0.000003919
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	ANTHRACENE
Estimated Emissions (Tons/Yr):	0.00000000801
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	1,4-DICHLOROBENZENE
Estimated Emissions (Tons/Yr):	0.00019
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	HEXANE
Estimated Emissions (Tons/Yr):	0.285138
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA

MOBIL CHEMICAL CO (Continued) **1000253074**

Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	PM (LESS THAN 10 MICRONS)
Estimated Emissions (Tons/Yr):	0.92911
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	PM (LESS THAN 2.5 MICRONS)
Estimated Emissions (Tons/Yr):	0.88471
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	SELENIUM & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.000004483
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	PARTICULATE MATTER (TOTAL)
Estimated Emissions (Tons/Yr):	0.94981

MOBIL CHEMICAL CO (Continued) **1000253074**

Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	VOLATILE ORGANIC COMPOUNDS
Estimated Emissions (Tons/Yr):	43.67507
Operate Status:	operating
Year Inv:	2008
Emissions Contact:	BARRY SOCIA
Contact Telephone:	8437405213
Mail Address:	2151 KING ST EXT
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294056124
Latitude/Longitude:	325003 / 795753
Source Industrial Code (Sic):	2819
Naics Code:	211112
State Permit Number:	0560-0011
State Permit Type:	TITLEV
Pollutant Description:	SULFUR DIOXIDE
Estimated Emissions (Tons/Yr):	2.227016

P53 **POLO CHAMP, LLC SITE** **SHWS S107520939**
ESE **2000 MEETING ST** **RCR N/A**
1/8-1/4 **CHARLESTON, SC 29405** **VCP**
0.147 mi. **BROWNFIELDS**
775 ft. **Site 3 of 5 in cluster P**

Relative: Higher

SHWS:
EPA ID: SCS123457039

Actual: 17 ft.

RCR:

Entity Responsibility:	Not reported
Region:	7
Tax Id:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tracking Number:	SCS123457039
Regulatory Program:	CERCLA VCP NRP (Brownfields)
Unit Type:	Not reported
Unit Number/Letter:	Not reported
Area/Acres:	Not reported
Affected Media:	Not reported
Site/Unit:	Former furniture painting company.
Condtions:	Not reported
Associated Response/Corrective Action:	Not reported
Associated Chemicals Requiring:	Not reported

Entity Responsibility: Not reported

POLO CHAMP, LLC SITE (Continued) **S107520939**

Region: 7
Tax Id: Not reported
Latitude: Not reported
Longitude: Not reported
Tracking Number: SCS123457039
Regulatory Program: CERCLA VCP NRP (Brownfields)
Unit Type: Not reported
Unit Number/Letter: Not reported
Area/Acres: Not reported
Affected Media: Not reported
Site/Unit: Not reported
Condtions: Not reported
Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Remedy

Entity Responsibility: Not reported
Region: 7
Tax Id: Not reported
Latitude: Not reported
Longitude: Not reported
Tracking Number: SCS123457039
Regulatory Program: CERCLA VCP NRP (Brownfields)
Unit Type: Not reported
Unit Number/Letter: Not reported
Area/Acres: Not reported
Affected Media: Not reported
Site/Unit: Description
Condtions: Not reported
Associated Response/Corrective Action: Corrective Action
Associated Chemicals Requiring: Requiring Conditional

VCP:
Entity Resp for Conditional Remedy: Not reported
Region: 7
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: SCS123457039
Regulatory Program: CERCLA VCP NRP (Brownfields)
Contract #: Not reported
Old Contract #: Not reported
Company Name: Not reported
Acreage: Not reported
Exec Date: Not reported
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Not reported
File Number: Not reported

Entity Resp for Conditional Remedy: Not reported
Region: 7
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: SCS123457039
Regulatory Program: CERCLA VCP NRP (Brownfields)
Contract #: Not reported

POLO CHAMP, LLC SITE (Continued) **S107520939**

Old Contract #: Not reported
Company Name: Not reported
Acreage: Not reported
Exec Date: Not reported
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Not reported
File Number: Not reported

Entity Resp for Conditional Remedy: Not reported
Region: 7
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: SCS123457039
Regulatory Program: CERCLA VCP NRP (Brownfields)
Contract #: Not reported
Old Contract #: Not reported
Company Name: Not reported
Acreage: Not reported
Exec Date: Not reported
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Not reported
File Number: Not reported

SC BROWNFIELD:
Contract Number: 06-5648-NRP
Contract Type: NRP
File Number: 57325
Contract Manager: GORMAN, ANGELA K
Person Company: ASHLEY II OF CHARLESTON LLC
Primary Address1: CHEROKEE INVESTMENT SERVICES LLC
Primary Address2: 111 E HARGETT ST STE 300
Primary City: RALEIGH
Primary State Code: NC
Primary Zip Code: Not reported
Type Brownfield: Hazardous Substances
Acreage: 0.27000000000000002
Contract Executed: 2006-04-26 00:00:00
COC Date Issued: 2007-03-05 00:00:00
RC Executed: 2007-02-13 00:00:00
Contact: MICHAEL COSTA
Status Code: ACTIVE
IC Received: 2006-01-20 00:00:00
Workplan Due: 2006-05-26 00:00:00
Workplan Received: 2006-05-03 00:00:00
Workplan Reviewed: 2006-06-02 00:00:00
Workplan Approved: Not reported
Report Received: Not reported
Report Reviewed: 2006-12-11 00:00:00
Report Approved: Not reported
Cap Approved: Not reported
Contract Mailed: Not reported
Date Terminated: Not reported

P54 **BRANDT SITE** **SHWS** **S106630573**
ESE **1990 / 2000 PITTSBURGH AVE** **ALLSITES** **N/A**
1/8-1/4 **CHARLESTON, SC 29045** **RCR**
0.148 mi. **VCP**
780 ft. **Site 4 of 5 in cluster P** **BROWNFIELDS**

Relative: Higher

SHWS:
EPA ID: SCS123456987

Actual: 17 ft.

ALLSITES:
Brownfield: No
Brownfield Type: Hazardous Substances
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: 32.83329842
Long: -79.9515144
Impacted Media: Not reported

RCR:
Entity Responsibility: Not reported
Region: 7
Tax Id: Not reported
Latitude: Not reported
Longitude: Not reported
Tracking Number: SCS123456987
Regulatory Program: CERCLA VCP NRP (Brownfields)
Unit Type: Not reported
Unit Number/Letter: Not reported
Area/Acres: Not reported
Affected Media: Not reported
Site/Unit: The 6-acre area is located on Pittsbugh Avenue adjacent to the Macalloy site. The property was leased to scrap metal companies and used for the storage and sale of scrap steel for approximately 45 years until facility closure in 2004.
Condtions: Not reported
Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Not reported

VCP:
Entity Resp for Conditional Remedy: Not reported
Region: 7
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: SCS123456987
Regulatory Program: CERCLA VCP NRP (Brownfields)
Contract #: Not reported
Old Contract #: Not reported
Company Name: Not reported
Acreage: Not reported
Exec Date: Not reported
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Not reported
File Number: Not reported

Entity Resp for Conditional Remedy: Not reported

BRANDT SITE (Continued) **S106630573**

Region: Not reported
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: Not reported
Regulatory Program: Not reported
Contract #: 04-5576-NRP
Old Contract #: 5576
Company Name: Brandt Site/ Ashley II
Acreage: 6.01
Exec Date: 9/24/04
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: No
File Number: 57105

SC BROWNFIELD:
Contract Number: 04-5576-NRP
Contract Type: NRP
File Number: 57105
Contract Manager: GORMAN, ANGELA K
Person Company: ASHLEY II OF CHARLESTON
Primary Address1: HAGOOD & KERR PA
Primary Address2: 654 COLEMAN BLVD
Primary City: MT PLEASANT
Primary State Code: SC
Primary Zip Code: 29646
Type Brownfield: Hazardous Substances
Acreage: 6.0099999999999998
Contract Executed: 2004-09-24 00:00:00
COC Date Issued: 2006-11-16 00:00:00
RC Executed: 2006-10-17 00:00:00
Contact: Ben Hagood, Esq.
Status Code: ACTIVE
IC Received: Not reported
Workplan Due: 2004-10-24 00:00:00
Workplan Received: 2005-03-18 00:00:00
Workplan Reviewed: 2005-04-01 00:00:00
Workplan Approved: 2005-04-12 00:00:00
Report Received: Not reported
Report Reviewed: 2005-09-20 00:00:00
Report Approved: Not reported
Cap Approved: 2005-11-18 00:00:00
Contract Mailed: Not reported
Date Terminated: Not reported

Contract Number: 04-5576-NRP-T
Contract Type: NRP
File Number: 57105
Contract Manager: GORMAN, ANGELA K
Person Company: SHIPYARD CREEK ASSOCIATES LLC
Primary Address1: SHIPYARD CREEK ASSOCIATES LLC
Primary Address2: 3340 PEACHTREE RD STE 2050
Primary City: ATLANTA
Primary State Code: GA
Primary Zip Code: 30326
Type Brownfield: Hazardous Substances

BRANDT SITE (Continued) **S106630573**

Acreage:	Not reported
Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	c/o Branch Properties
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

M55 **SPRUILL AVE 66** **UST** **U004017935**
NNW **2748 SPRUILL AVE & CLEMENTS** **N/A**
1/8-1/4 **CHARLESTON, SC 29407**
0.148 mi.
784 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
18 ft.

UST:

Facility ID:	1621
Owner:	MCQUEEN
Owner Contact:	JAMES FRAMPTON
Owner Address:	285 PEACHTREE CTR AVE STE 1400
Owner City,St,Zip:	ATLANTA, GA 30303-2916
Owner Phone:	404-522-3541
Contact:	JAMES FRAMPTON
Contact Tel:	Not reported
Tank ID:	1
Capacity:	1000
Product:	Gasoline
Calcage:	10
Status:	**Abandoned**
Tank ID:	2
Capacity:	4000
Product:	Gasoline
Calcage:	25
Status:	**Abandoned**
Tank ID:	3
Capacity:	4000
Product:	Gasoline
Calcage:	25
Status:	**Abandoned**

P56 **PANTRY 3355** **FINDS** **1007226623**
ESE **1968 MEETING ST** **LUST** **N/A**
1/8-1/4 **CHARLESTON, SC 29405**
0.160 mi.
844 ft. **Site 5 of 5 in cluster P**

Relative:
Higher

Actual:
15 ft.

FINDS:

Registry ID: 110016977618

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:

Facility ID:	01607
Release Number:	1
Facility Status:	monitored natural attenuation
Substance:	PETRO
Owner:	PANTRY INC
NFA Date:	**04/03/06**
Date Confirmed:	09/07/90
Report Date:	12/29/89
Rank:	3BF

LUST DETAIL:

Release Date:	11/30/2001
Cleanup Complete Date:	10/4/2002
RP Name:	PANTRY INC
RP Address:	1801 DOUGLAS DR
RP City:	SANFORD
RP State:	NC
RP Zip:	27330
SCRBCA Class Code:	CLASS5B
Depth to Ground Water:	Not reported
Ground Water Flow Direction:	Not reported
Project Manager:	AKHVLEDIANI, KONSTANTINE T
Release Fin Type Code:	Qualifies for Fund with Deductible
SSTL Established Code:	Not reported

Release Date:	12/29/1989
Cleanup Complete Date:	Not reported
RP Name:	DUTTON STORAGE LLC
RP Address:	5402 DUTTON AVE
RP City:	NORTH CHARLESTON
RP State:	SC
RP Zip:	29406
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	4
Ground Water Flow Direction:	W
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	With SUPERB
SSTL Established Code:	Department

PANTRY 3355 (Continued) **1007226623**

Facility ID: 01607
Release Number: 2
Facility Status: contacted
Substance: Not reported
Owner: PANTRY INC
NFA Date: 10/15/02
Date Confirmed: 02/21/02
Report Date: 11/30/01
Rank: 5B

LUST DETAIL:
Release Date: 11/30/2001
Cleanup Complete Date: 10/4/2002
RP Name: PANTRY INC
RP Address: 1801 DOUGLAS DR
RP City: SANFORD
RP State: NC
RP Zip: 27330
SCRBCA Class Code: CLASS5B
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Project Manager: AKHVLEDIANI, KONSTANTINE T
Release Fin Type Code: Qualifies for Fund with Deductible
SSTL Established Code: Not reported

Release Date: 12/29/1989
Cleanup Complete Date: Not reported
RP Name: DUTTON STORAGE LLC
RP Address: 5402 DUTTON AVE
RP City: NORTH CHARLESTON
RP State: SC
RP Zip: 29406
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 4
Ground Water Flow Direction: W
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Q57 **MACALLOY CORPORATION** **RCRA-TSDF** **1000149179**
ESE **1800 PITTSBURG AVENUE** **NPL** **SCD003360476**
1/8-1/4 **NORTH CHARLESTON, SC 29405** **CERCLIS**
0.178 mi. **CORRACTS**
939 ft. **Site 1 of 2 in cluster Q** **RCRA-NonGen**
US ENG CONTROLS
Relative: **US INST CONTROL**
Higher **ROD**
FINDS
Actual: **GWCI**
22 ft.

RCRA-TSDF:
Date form received by agency: 09/26/2007
Facility name: MACALLOY CORPORATION
Facility address: 1800 PITTSBURG AVENUE
NORTH CHARLESTON, SC 29405
EPA ID: SCD003360476
Mailing address: PO BOX 130

MACALLOY CORPORATION (Continued) **1000149179**

	CHARLESTON, SC 29402
Contact:	TIMOTHY NELSON
Contact address:	PO BOX 130
	CHARLESTON, SC 29402
Contact country:	US
Contact telephone:	(843) 722-8355
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date:	Not reported
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MACALLOY CORPORATION
Owner/operator address:	PO BOX 130
	CHARLESTON, SC 29402
Owner/operator country:	US
Owner/operator telephone:	(843) 722-8355
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	MACALLOY CORPORATION
Owner/operator address:	PO BOX 130
	CHARLESTON, SC 29402
Owner/operator country:	Not reported
Owner/operator telephone:	(843) 722-8355
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

MACALLOY CORPORATION (Continued) **1000149179**

Historical Generators:
Date form received by agency: 03/28/2002
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/27/2002
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 01/17/2002
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 08/17/2001
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 04/10/2001
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 07/12/2000
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1998
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 05/02/1994
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Facility name: MACALLOY CORPORATION
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009

MACALLOY CORPORATION (Continued) **1000149179**

Waste name: MERCURY

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: K091
Waste name: EMISSION CONTROL DUST OR SLUDGE FROM FERROCHROMIUM PRODUCTION

Corrective Action Summary:

Event date: 10/17/1994
Event: RFA Initiation

Event date: 11/08/1994
Event: RFA Initiation

Event date: 03/26/1996
Event: RFA Completed, Assessment was an RFA.

Event date: 07/23/1996
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 05/05/1998
Event: RFI Imposition

Event date: 10/21/1998
Event: RFI Workplan Received

Event date: 09/03/1999
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 09/20/1999
Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event date: 09/30/1999
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 09/30/1999
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Event date: 12/02/1999
Event: RFI Workplan Received

Event date: 09/30/2004
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and

MACALLOY CORPORATION (Continued) **1000149179**

reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 09/30/2004
Event: Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.

Facility Has Received Notices of Violations:
Regulation violated: FR - 265.31
Area of violation: Generators - General
Date violation determined: 08/10/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.35(A)
Area of violation: LDR - General
Date violation determined: 08/10/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - RCRA 3005 & 270.1(B) & 262.11
Area of violation: LDR - General
Date violation determined: 08/10/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - RCRA 3005 & 270.1(B) & 262.11
Area of violation: LDR - General
Date violation determined: 08/10/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE

MACALLOY CORPORATION (Continued) **1000149179**

Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.35(A)
Area of violation: LDR - General
Date violation determined: 08/10/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 265.31
Area of violation: Generators - General
Date violation determined: 08/10/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(C)/265.173(A)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.12
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998

MACALLOY CORPORATION (Continued) **1000149179**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.20(A)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(1)(I)/265.174
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(1)(I)/265.173(A)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(4)/265.31
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7(A)(1)
Area of violation: LDR - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(1)(I)/265.174
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(2)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(3)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(2)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7(A)(1)
Area of violation: LDR - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(1)(I)/265.173(A)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(3)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

MACALLOY CORPORATION (Continued) **1000149179**

Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.12
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(A)(4)/265.31
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: REFERRAL TO DEPARTMENT OF JUSTICE
Enforcement action date: 08/26/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 1018054
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.20(A)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(C)/265.173(A)
Area of violation: Generators - General
Date violation determined: 03/17/1998
Date achieved compliance: 08/26/1998
Violation lead agency: EPA
Enforcement action: FINAL IMMINENT HAZARD ORDER
Enforcement action date: 07/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.80
Area of violation: LDR - General
Date violation determined: 05/10/1995
Date achieved compliance: 05/10/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/12/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262
Area of violation: Generators - Pre-transport
Date violation determined: 08/30/1994
Date achieved compliance: 05/10/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 263
Area of violation: Generators - General
Date violation determined: 08/30/1994
Date achieved compliance: 05/12/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 263
Area of violation: Generators - Pre-transport
Date violation determined: 08/30/1994
Date achieved compliance: 05/10/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 09/30/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Paid penalty amount: Not reported

Regulation violated: SR - 265.13
Area of violation: TSD - General Facility Standards
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.112
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 150000
Paid penalty amount: 150000

Regulation violated: SR - 265.51 (a)
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.193 (a-e)
Area of violation: TSD - Tank System Standards
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 150000
Paid penalty amount: 150000

MACALLOY CORPORATION (Continued) **1000149179**

Regulation violated: SR - 265.193 (a-e)
Area of violation: TSD - Tank System Standards
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.193 (a-e)
Area of violation: TSD - Tank System Standards
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.112
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.51 (a)
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 150000
Paid penalty amount: 150000

Regulation violated: SR - 265.51 (a)

MACALLOY CORPORATION (Continued) **1000149179**

Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/04/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 490050
Paid penalty amount: Not reported

Regulation violated: SR - 265.193 (a-e)
Area of violation: TSD - Tank System Standards
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/04/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 490050
Paid penalty amount: Not reported

Regulation violated: SR - 265.112
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.51 (a)
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.13
Area of violation: TSD - General Facility Standards

MACALLOY CORPORATION (Continued) **1000149179**

Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.32
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 150000
Paid penalty amount: 150000

Regulation violated: SR - 265.32
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/04/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 490050
Paid penalty amount: Not reported

Regulation violated: SR - 265.32
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/05/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.13
Area of violation: TSD - General Facility Standards
Date violation determined: 10/13/1993

MACALLOY CORPORATION (Continued) **1000149179**

Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/07/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 150000
Paid penalty amount: 150000

Regulation violated: SR - 265.13
Area of violation: TSD - General Facility Standards
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/04/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 490050
Paid penalty amount: Not reported

Regulation violated: SR - 265.32
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/08/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.112
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 10/13/1993
Date achieved compliance: 05/04/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 05/04/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 490050
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/17/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/13/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/24/1999
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/26/1999
Evaluation: CORRECTIVE ACTION COMPLIANCE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/10/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/17/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/26/1998
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 03/17/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/26/1998
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 01/08/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/01/1996
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

MACALLOY CORPORATION (Continued) **1000149179**

Evaluation date: 05/07/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 05/12/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - General
Date achieved compliance: 05/12/1995
Evaluation lead agency: State

Evaluation date: 05/12/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/10/1995
Evaluation lead agency: State

Evaluation date: 05/10/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/10/1995
Evaluation lead agency: State

Evaluation date: 05/04/1995
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/04/1995
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/06/1993
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 10/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 05/04/1995
Evaluation lead agency: State

Evaluation date: 10/13/1993
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards

MACALLOY CORPORATION (Continued) **1000149179**

Date achieved compliance: 05/04/1995
Evaluation lead agency: State

Evaluation date: 10/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 05/04/1995
Evaluation lead agency: State

Evaluation date: 10/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 05/04/1995
Evaluation lead agency: State

Evaluation date: 10/13/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 05/04/1995
Evaluation lead agency: State

Evaluation date: 12/13/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NPL:
EPA ID: SCD003360476
EPA Region: 04
Federal: N
Final Date: 2000-02-04 00:00:00

Site Details:
Site Name: MACALLOY CORPORATION
Site Status: Final
Site Zip: 29405
Site City: NORTH CHARLESTON
Site State: SC
Federal Site: No
Site County: CHARLESTON
EPA Region: 04
Date Proposed: 10/22/99
Date Deleted: Not reported
Date Finalized: 02/04/00

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A005
Substance: ARSENIC AND COMPOUNDS

MACALLOY CORPORATION (Continued) **1000149179**

CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: A020
Substance: CHROMIUM AND COMPOUNDS
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: A038
Substance: NICKEL AND COMPOUNDS
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: A048
Substance: SELENIUM AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: A049
Substance: SILVER AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C177
Substance: COBALT AND COMPOUNDS
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C178
Substance: COPPER AND COMPOUNDS
CAS #: Not reported
Pathway: NO PATHWAY INDICATED
Scoring: 1

NPL Status: Currently on the Final NPL
Substance ID: C247
Substance: ZINC AND COMPOUNDS
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C320
Substance: CHROMIUM, HEXAVALENT
CAS #: 18540-29-9

MACALLOY CORPORATION (Continued) **1000149179**

Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C370
Substance: LEAD CHROMATE
CAS #: 7758-97-6
Pathway: SURFACE WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: C460
Substance: MERCURY
CAS #: 7439-97-6
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: D006
Substance: CADMIUM (CD)
CAS #: 7440-43-9
Pathway: SURFACE WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: P030
Substance: CYANIDES (SOLUBLE SALTS)
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 2

Summary Details:

Conditions of Proposal October 22, 1999): The Macalloy Corporation Macalloy) is located in North Charleston, Charleston County, South Carolina. The facility comprises about 125-acres, and is bound on the west by the CSX Railroad, on the east by Shipyard Creek, a tributary of the Cooper River, on the south by Pittsburgh Avenue, and on the north by a waste-to-energy plant operated by Foster Wheeler, Inc. Since 1979, Macalloy has owned and, until July 1998, operated the facility for the production of ferrochromium alloy. From 1966 to 1979, the facility was owned and operated by AIRCO Corporation. From 1941 to 1966, the facility was owned and operated by the Pittsburgh Metallurgical Corporation. Prior to 1941, the facility propertywas used as a lumbermill and a rice plantation. At various times from 1942 to July 1998, the United States owned, operated, or otherwise used portions of the facility for the production of ferrochromium alloy. The facility ceased operations in July 1998 due to market pressures from cheaper ferrochromium produced abroad. Macalloy produced ferrochromium alloy by smelting iron and chromium ore in submerged electric arc furnaces. Ferrochromium alloy is used in the production of high quality stainless steel. Historically, as many as 12 furnaces were used to produce the alloy. At the time of closing, Macalloy operated only one furnace. Alloy manufacturing activities have resulted in the generation of slag, fine particulate matter,ashes and dust PMAD), gas conditioning tower GCT) sludge and associated wastewater, electrostatic precipitator ESP) dust, and baghouse dust. Slag containing chromium and cadmium has been deposited as fill material throughout the facility and has been used to construct a portion of an on-site unlined surface impoundment. From 1941 to 1970, PMAD was discharged directly into the atmosphere. PMAD containing

MACALLOY CORPORATION (Continued) **1000149179**

chromium, lead, inc, and manganese was deposited throughout the facility through fallout from the atmosphere. Air pollution control APC) equipment, including gas conditioning towers and electrostatic precipitators, was installed in approximately 1970 to remove contaminants from plant air emissions prior to their discharge tothe atmosphere. ESP dust containing cadmium, chromium, lead, inc, mercury, and manganese has been generated as part of the operation of the APC at a rate of approximately seven tons per day. From 1970 to approximately 1988, untreated ESP dust was stockpiled in numerous areas on the facility property and was used to fill low areas on site. From 1988 to 1997, Macalloy placed treated ESP dust on site, primarily in the unlined surface impoundment. In January 1997, pursuant to the terms of a consent order with the South Carolina Department of Health and Environmental Control SCDHEC), Macalloy discontinued disposal of ESP dust in the unlined surface impoundment and initiated off-site disposal of the material. On June 10, 1998, pursuant to the terms of an administrative order on consent with the U.S. Environmental Protection Agency EPA), Macalloy agreed to conduct work to abate an imminent and substantial threat to human health and the environment. GCT sludge and associated wastewater containing cadmium, chromium, lead, mercury, nickel, and inc have also been generated as part of the operation of the APC equipment. GCT sludge has been disposed as fill material at numerous locations at the facility. Approximately 40,000 tons of GCT sludge were used in the construction of the unlined surface impoundment. Macalloy generated approximately six tons of GCT sludge per day and returned this material from the settling basins to the furnace as a substitute for low-grade chromite ore. From 1970 to July 1998, the GCT wastewater was discharged to a settling basin. Macalloy operated four surface water discharge points under a National Pollutant Discharge Elimination System permit that SCDHEC issued. These outfalls discharge into Shipyard Creek. Macalloy has repeatedly exceeded its permit limits for total chromium and hexavalent chromium. In 1997, EPA and SCDHEC collected soil, sediment, and surface water samples from various locations at the facility. Shipyard Creek is used for recreational fishing. On April 30, 1998, SCDHEC issued an emergency order closing Shipyard Creek to the harvesting of all shellfish due to high levels of chromium detected in edible fish tissue. The Cooper River, located approximately 0.75 mile downstream from the facility, is used for fishing, boating, and water skiing. Status February 2000): EPA is considering various alternatives for this site. The description of the site is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices.

Site Status Details:
- NPL Status: Final
- Proposed Date: 10/22/1999
- Final Date: 02/04/2000
- Deleted Date: Not reported

Narratives Details:
- NPL Name: MACALLOY CORPORATION
- City: NORTH CHARLESTON
- State: SC

CERCLIS:
- Site ID: 0406784
- Federal Facility: Not a Federal Facility
- NPL Status: Currently on the Final NPL

MACALLOY CORPORATION (Continued) **1000149179**

Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

Contact Name: Corey Hendrix
Contact Tel: (404) 562-8738
Contact Title: Site Assessment Manager (SAM)

Contact Name: Mike Norman
Contact Tel: (404) 562-8792
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Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):

Alias Name: MACALLOY SITE
Alias Address: 1800 PITTSBURG AVENUE
CHARLESTON, SC 29405
Alias Name: MACALLOY CORPORATION
Alias Address: 1800 PITTSBURGH AVENUE
NORTH CHARLESTON, SC 29405

Site Description: preparing to negotiate an AOC - may ultimately go enforcement lead or fund -lead. The Macalloy Corporation Site is located at 1800 Pittsburgh Avenue in Charleston, South Carolina. This former ferrochromium alloy manufacturing plant is located on approximately 147 acres fronting Shipyard Creek in an industrial and commercial section of the Charleston Peninsula, formed by the confluence of the Ashley and Cooper Rivers. The facility is located directly adjacent to a tidal marsh along Shipyard Creek. Much of the site is open and not vegetated. Topography of the site is essentially flat with most elevations averaging 10 to 15 feet mean sea level (msl). The ground surface is covered primarily with material from plant operations and is essentially devoid of vegetation except in the far north portion and the extreme southeast corner of the site. Most of the buildings at the former plant have been demolished, although some building foundations remain. Portions of the site have been built up to current grade using slag, sludge, treated and untreated dust from air pollution control equipment, and raw materials. The site contains large piles of berm material from two former surface impoundments. Macalloy has discontinued ferrochromium alloy production and redevelopment of the property for other industrial uses is planned following remediation. The most likely future land

MACALLOY CORPORATION (Continued) **1000149179**

use is commercial/industrial that will utilize the multi-modal transportation options afforded by Interstate 26, adjacent rail lines, and deep water access of Shipyard Creek. The future land use envisioned for the property is consistent with adjacent properties and zoning established by the city of North Charleston. EPA has encouraged prospective purchasers to become involved with remedy selection and implementation so that remediation plans can be reconciled with redevelopment concepts. Geologic and groundwater information has been correlated into four groundwater units for the site: the shallow upper groundwater aquifer; the intermediate confining unit; the deep lower aquifer; and a basal confining unit. Groundwater in the shallow aquifer is encountered at depths of approximately 3 to 8 feet below ground surface (bgs). Shallow surficial aquifer groundwater flows east towards Shipyard Creek and is essentially unaffected by tides. Groundwater discharges to surface water in the 002 Settling Canal and Basin 002A. Groundwater at the Macalloy Site is not currently used for consumption and probably will not be in the future because Macalloy is located in a commercial/industrial area that is connected to the city water supply. Available data indicate that water quality of the shallow aquifer does not meet the primary and secondary drinking water standards promulgated under the Safe Drinking Water Act (SDWA). However, the South Carolina Water Classifications and Standards, R.61-68, classifies all groundwater as a potential underground source of drinking water. Surface water onsite is found in storm water control basins and canals. Storm water runoff is not used onsite (e.g., for irrigation), but is discharged to Shipyard Creek via two National Pollutant Discharge Elimination System (NPDES) discharge points. Shipyard Creek is not likely to be used by current or future subsistence fishers because the site is an inactive industrial facility and all of the surrounding property is owned by industrial or municipal entities. In addition, access to the creek is limited and boating is infrequent. However, the creek may be used by recreational fishers. Onsite storm water runoff flows through settling basins and diversions to two NPDES outfalls, with limited areas flowing directly to Shipyard Creek. A series of detention basins constructed as part of the consent order with EPA remove suspended solids from storm water runoff prior to discharge through the outfalls. The Macalloy plant is located directly adjacent to and west of a tidal marsh. Wetland areas are adjacent to Shipyard Creek. Discharge of onsite storm water from the 001 Outfall to the adjacent 001 tidal creek was eliminated as part of the consent order with EPA. During operation, the Macalloy plant produced ferrochromium alloy by smelting chromium ore in submerged electric arc furnaces. It was owned and operated by Pittsburgh Metallurgical Company from 1941 to 1966, Airco (British Oxygen Corporation) from 1966 to 1979, and Macalloy from 1979 to July 1998, when alloy production ceased. Ferrochromium alloy was manufactured at the site from 1941 to 1998. The process most recently involved the conversion of chromium-bearing ore (chromite) to ferrochromium in a single submerged arc electric furnace. The alloy was then used to produce high quality stainless-steel. A second furnace on the property had been out of use for several years by the time manufacturing ceased in 1998. Over the years of operation, smelting has included both submerged and open arc furnaces. Open arc (low carbon) furnaces were operated between approximately 1946 and 1967. Submerged arc furnaces were used in subsequent years. Open arc (low carbon) furnaces generally produce more chromium (VI) byproduct than submerged arc furnaces. The furnace yielded approximately 180 tons of finished ferrochromium per day. The raw material quantities required to achieve this yield consisted of approximately 450 tons of chromite ore, 126 tons of coke, 45 tons of silica, and 36 tons of alumina per day. Waste materials generated during furnace operations included wastewater, airborne waste gases, and particulate matter. Water was used for cooling inside the furnace and as the contact cooling medium for airborne discharges from the furnace. Air emissions control equipment at

MACALLOY CORPORATION (Continued) **1000149179**

the Macalloy Site included three baghouses, two gas conditioning towers, and two electrostatic precipitators (ESPs). These systems generated various solid wastes, including dust collected in the ESPs and baghouses and sludge from the gas conditioning towers, including bottom sludge from an onsite NPDES-permitted settling pond (Outfall 001). From 1988 until 1997, an Unlined Surface Impoundment (USI) for treated ESP dust was operated by Macalloy just north of the ferrochromium process area. During its final years of operation, the plant was regulated by several federal environmental statutes, primarily the Clean Water Act (CWA), the Clean Air Act (CAA), and the Resource Conservation and Recovery Act (RCRA). In 1992, the South Carolina Department of Health and Environmental Control (SCDHEC) Bureau of Water Pollution Control issued Administrative Order 92-64-W requiring the Macalloy Corporation to remediate contaminated groundwater on the Macalloy property. Pursuant to this order, a groundwater remediation system was installed in 1994-1995 around the area of the USI. In 1996, Macalloy began the Resource Conservation and Recovery Act (RCRA) corrective action process. In January 1997, pursuant to the terms of a consent order with the SCDHEC (No. 96-38-HW), Macalloy initiated offsite disposal of treated ESP dust from the USI. Macalloy also initiated a removal action in June 1998 under a consent order with The United States Environmental Protection Agency (EPA) (No. 98-18-C) to implement a surface water management system to mitigate transport of contaminants to Shipyard Creek while a final site remedy was being developed. The remedial actions at the Macalloy Site began with the previously mentioned 1992 Administrative Order. It also includes the 1996 RCRA corrective action and the 1998 removal action. Also in 1998, an initial draft RCRA Facility Investigation/Confirmation Sampling Investigation (RFI) Work Plan (October 14, 1998), was submitted to the EPA and the SCDHEC for review and comment. The draft RFI work plan was revised based on technical comments received from both agencies and then resubmitted on November 30, 1999. After production at the plant ceased in July 1998, Macalloy, EPA, and SCDHEC decided that CERCLA would be a more appropriate mechanism for this site. Subsequently, the site was proposed for inclusion on the National Priorities List (NPL) on October 22, 1999, and was listed as "final" the following February. On March 29, 2000, Macalloy entered into an agreement with the EPA to perform a CERCLA RI/FS. The revised November 30, 1999, RFI work plan formed the basis of the CERCLA RI/FS work plan, which was converted to fulfill the requirements of the March 29, 2000, agreement with EPA; the RI/FS work plan was approved as final by EPA on June 1, 2000. Based on the findings presented in the Final Phase I and Phase II RI Reports, a Feasibility Study (FS) was prepared by Macalloy to develop, evaluate, and compare remedial action alternatives that could be used to mitigate hazards and threats to human health and the environment from contaminated soil, groundwater, sediment, and storm water onsite. The Final Feasibility Study Report was approved by EPA on April 2, 2002. Macalloy currently retains ownership of the site. At various times from 1942 to the present, the Department of Defense (DoD) has owned, operated, or otherwise used portions of the site to produce and store ferrochromium alloy, chrome ore, and slag (waste). Site activities have impacted site soil, groundwater, and surface water, and sediment in the 001 tidal creek. EPA, the lead agency for site activities, in consultation with the (SCDHEC), the support agency, is issuing this Record of Decision (ROD) to document the final selected remedy for the Macalloy Site. EPA plans to negotiate with Macalloy, British Oxygen Corporation (predecessor to Macalloy) and other potentially responsible parties where identified to secure the resources needed to fully implement the remedy selected in this Record of Decision (ROD) signed August 21, 2002. A ROD addressing OU1 was completed in August 2002.

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Date Completed: 03/25/98
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 06/13/98
Priority Level: Not reported

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 07/15/98
Priority Level: Being considered for proposal to the NPL

Action: ADMINISTRATIVE RECORDS
Date Started: 08/10/98
Date Completed: 08/10/98
Priority Level: Admin Record Compiled for a Removal Event

Action: Public Notice Published
Date Started: Not reported
Date Completed: 08/22/98
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 11/18/98
Priority Level: Not reported

Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 10/22/99
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 07/06/98
Date Completed: 11/04/99
Priority Level: Cleaned up

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/15/99
Priority Level: Higher priority for further assessment

Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: Not reported
Date Completed: 02/04/00
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 03/29/00
Priority Level: Not reported

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: Not reported
Date Completed: 03/29/00
Priority Level: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 05/15/02
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 03/29/00
Date Completed: 08/21/02
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 08/21/02
Priority Level: Final Remedy Selected at Site

Action: Special Notice Issued
Date Started: Not reported
Date Completed: 09/30/02
Priority Level: Not reported

Action: ADMINISTRATIVE RECORDS
Date Started: 06/06/00
Date Completed: 10/22/02
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 09/26/02
Date Completed: 09/30/03
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 09/30/02
Date Completed: 04/06/04
Priority Level: Not reported

Action: NON-NATIONAL PRIORITIES LIST POTENTIALLY RESPONSIBLE PARTY SEARCH
Date Started: 12/30/00
Date Completed: 04/15/04
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 04/16/04
Priority Level: Not reported

Action: COST RECOVERY NEGOTIATIONS
Date Started: 07/28/03
Date Completed: 06/14/04
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 04/06/04
Date Completed: 06/14/04
Priority Level: Not reported

Action: CLOSE OUT REPORT

MACALLOY CORPORATION (Continued) **1000149179**

Date Started: Not reported
Date Completed: 09/26/06
Priority Level: Not reported

Action: REMEDIAL ACTION
Date Started: 04/06/04
Date Completed: 02/27/07
Priority Level: Final RA Report

Action: OPERATIONS AND MAINTENANCE
Date Started: 06/30/06
Date Completed: Not reported
Priority Level: Not reported

CORRACTS:

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/26/1996
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 5/5/1998
Action: CA100 - RFI Imposition
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/23/1996
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/3/1999
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/20/1999
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/30/1999
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/30/1999
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/30/2004
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/30/2004
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported

MACALLOY CORPORATION (Continued) **1000149179**

Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/17/1994
Action: CA010 - RFA Initiation
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/21/1998
Action: CA110 - RFI Workplan Received
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/8/1994
Action: CA010 - RFA Initiation
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SCD003360476
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/2/1999
Action: CA110 - RFI Workplan Received
NAICS Code(s): 11111
Soybean Farming
Original schedule date: Not reported
Schedule end date: Not reported

US ENG CONTROLS:
EPA ID: SCD003360476
Site ID: 0406784
Name: MACALLOY CORPORATION
Address: 1800 PITTSBURGH AVENUE
NORTH CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002

MACALLOY CORPORATION (Continued) **1000149179**

Operable Unit: 01
Contaminated Media : Surface Water
Engineering Control: Surface Water Control

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Reduction

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Consolidate

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Dewatering

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01

MACALLOY CORPORATION (Continued) **1000149179**

Contaminated Media : Sediment
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Physical/Chemical Treatment, (Ex-Situ)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Air Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Chemical Reduction/Oxidation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Dust Suppression

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil

MACALLOY CORPORATION (Continued) **1000149179**

Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Reduction

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 8/21/2002
Planned Complet. date: 8/30/2002
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Solidification/ Stabilization

US INST CONTROL:
EPA ID: SCD003360476
Site ID: 0406784
Name: MACALLOY CORPORATION
Action Name: RECORD OF DECISION
Address: 1800 PITTSBURGH AVENUE
NORTH CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported
Inst. Control: Agriculture Advisory
Actual Date: Not reported
Complet. Date: 8/21/2002
Operable Unit: 01
Contaminated Media : Soil

EPA ID: SCD003360476
Site ID: 0406784
Name: MACALLOY CORPORATION
Action Name: RECORD OF DECISION
Address: 1800 PITTSBURGH AVENUE
NORTH CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported
Inst. Control: Covenant
Actual Date: Not reported
Complet. Date: 8/21/2002
Operable Unit: 01
Contaminated Media : Soil

EPA ID: SCD003360476
Site ID: 0406784
Name: MACALLOY CORPORATION
Action Name: RECORD OF DECISION
Address: 1800 PITTSBURGH AVENUE
NORTH CHARLESTON, SC 29405
EPA Region: 04

MACALLOY CORPORATION (Continued) **1000149179**

County: CHARLESTON
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: Not reported
Complet. Date: 8/21/2002
Operable Unit: 01
Contaminated Media : Soil

EPA ID: SCD003360476
Site ID: 0406784
Name: MACALLOY CORPORATION
Action Name: RECORD OF DECISION
Address: 1800 PITTSBURGH AVENUE
NORTH CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported
Inst. Control: Health Advisory
Actual Date: Not reported
Complet. Date: 8/21/2002
Operable Unit: 01
Contaminated Media : Soil

EPA ID: SCD003360476
Site ID: 0406784
Name: MACALLOY CORPORATION
Action Name: RECORD OF DECISION
Address: 1800 PITTSBURGH AVENUE
NORTH CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: Not reported
Complet. Date: 8/21/2002
Operable Unit: 01
Contaminated Media : Soil

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110000353304

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality

MACALLOY CORPORATION (Continued) **1000149179**

improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD003360476
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	50944
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	METALS
Petroleum Products:	False
Volatile Organic Compounds:	False
Metals:	True
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False

MACALLOY CORPORATION (Continued) **1000149179**

Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	PPL
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	True
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	YES
Remediation:	YES
Surface Impact:	NO
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 50944. In monitoring and remediation phases.

Q58 **MACALLOY CORPORATION** **ALLSITES** **S105528152**
ESE **1800 PITTSBURGH AVE** **RCR** **N/A**
1/8-1/4 **CHARLESTON, SC 29402** **LUST**
0.184 mi. **VCP**
970 ft. **Site 2 of 2 in cluster Q**

Relative:
Higher

Actual:
22 ft.

ALLSITES:

Brownfield:	No
Brownfield Type:	Not reported
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	Yes
Lat:	32.83485874
Long:	-79.94880649
Impacted Media:	S/W - Sed. Contamination G/W Contamination metals metals

RCR:

Entity Responsibility:	Not reported
Region:	7
Tax Id:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tracking Number:	SCD003360476
Regulatory Program:	CERCLA VCP NRP (Brownfields)
Unit Type:	Not reported
Unit Number/Letter:	Not reported
Area/Acres:	Not reported
Affected Media:	Not reported
Site/Unit:	Ferro-chrome alloy producer using submerged electric arc furnaces. Chromium contamination from air pollution (precip. dust & tower sludge)
Condtions:	Not reported

Associated Response/Corrective Action: Not reported

MACALLOY CORPORATION (Continued) **S105528152**

Associated Chemicals Requiring: Not reported

LUST:

Facility ID:	19215
Release Number:	1
Facility Status:	currently inactive
Substance:	PETROL
Owner:	MACALLOY CORPORATION
NFA Date:	**09/18/06**
Date Confirmed:	05/01/06
Report Date:	04/24/06
Rank:	3BF

LUST DETAIL:

Release Date:	4/24/2006
Cleanup Complete Date:	7/25/2006
RP Name:	MACALLOY CORPORATION
RP Address:	PO BOX 130
RP City:	CHARLESTON
RP State:	SC
RP Zip:	29402
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	8.9500000000000011
Ground Water Flow Direction:	SE
Project Manager:	BRINEY, STEPHANIE M
Release Fin Type Code:	Qualifies for Fund with Deductible
SSTL Established Code:	Not reported

VCP:

Entity Resp for Conditional Remedy:	Not reported
Region:	7
Tax Map Id:	Not reported
Latitutde:	Not reported
Longitude:	Not reported
Tracking Num:	SCD003360476
Regulatory Program:	CERCLA VCP NRP (Brownfields)
Contract #:	Not reported
Old Contract #:	Not reported
Company Name:	Not reported
Acreage:	Not reported
Exec Date:	Not reported
Completed:	Not reported
Restrictive Covenant:	Not reported
On CERCLIS:	Not reported
File Number:	Not reported

59
SW
1/8-1/4
0.192 mi.
1012 ft.

RHODIA INC
2151 KING ST EXT
CHARLESTON, SC

GWCI **U004018066**
RCR **N/A**
LUST
UST
SPILLS

Relative:
Lower

Actual:
12 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported

RHODIA INC (Continued) **U004018066**

Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01705
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01705. RBCA Classification 3BF3. Monitored Natural Attenuation.

RCR:

Entity Responsibility:	Albright & Wilson Americas Inc
Region:	7
Tax Id:	466-00-00-011
Latitude:	32.836311
Longitude:	-79.96315
Tracking Number:	1705
Regulatory Program:	UST
Unit Type:	UST
Unit Number/Letter:	1
Area/Acres:	Not reported
Affected Media:	Groundwater
Site/Unit:	Regulated Petroleum Underground Storage Tank Location
Condtions:	Public Noticed Corrective Action Plan
Associated Response/Corrective Action:	Not reported
Associated Chemicals Requiring:	Benzene

LUST:

Facility ID:	01705
Release Number:	1
Facility Status:	monitored natural attenuation

RHODIA INC (Continued) **U004018066**

Substance: PETRO
Owner: RHODIA INC
NFA Date: 08/06/03
Date Confirmed: 03/22/88
Report Date: 02/24/88
Rank: 3BF

LUST DETAIL:
Release Date: 2/24/1988
Cleanup Complete Date: Not reported
RP Name: ALBRIGHT & WILSON AMERICAS INC
RP Address: PO BOX 4439
RP City: GLEN ALLEN
RP State: VA
RP Zip: 23058-4439
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 2.0800000000000001
Ground Water Flow Direction: NE
Project Manager: MAXWELL, STEPHEN R
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

UST:
Facility ID: 1705
Owner: RHODIA INC
Owner Contact: DUANE ALEWINE
Owner Address: 8 CEDARBROOK DR CN7500
Owner City,St,Zip: CRANBURY, NJ 08512-7500
Owner Phone: 225-359-3715
Contact: BARRY M SOCIA
Contact Tel: 843-740-5200

Tank ID: 1
Capacity: 3000
Product: Gasoline
Calcage: Not reported
Status: Abandoned

Tank ID: 2
Capacity: 2500
Product: RUL
Calcage: 0
Status: Currently in use

SPILL:
Incident ID number: 23399543
Incident Name: 200604186
District Logged In: Not reported
Date DHEC notified: 09/02/2006
DHEC notification: 0200
Observed date: 09/02/2006
observed_t: Not reported
Spill Date: 09/02/2006
Spill Time: 0110
Duration: Not reported

RHODIA INC (Continued) **U004018066**

Created Date:	09/05/2006
Updated Date:	08/24/2007
District Name:	Charleston EQC Office
PRP Last Name:	RHODIA INC
PRP First Name:	Not reported
Incident substance type:	Hazardous Material
Received by Name:	JIM RICE
Revieved by Name:	CHRISTINE SANFORD-COKER
Transportation:	N
Surface water affected:	No
Lead Investigator Name:	Not reported
CCBEP:	No
Water body:	Not reported
Caller Last Name:	Not reported
Caller name:	Not reported
Caller phone number:	Not reported
Caller extension:	Not reported
Caller organization:	Not reported
Substance:	ETHANOL, 1,2-DICHLORO-, ACETATE
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Recovered Units:	Not reported
Comments:	Not reported

Substance:	PENTANE
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Recovered Units:	Not reported
Comments:	Not reported

Incident ID number:	42478239
Incident Name:	200805064
District Logged In:	Not reported
Date DHEC notified:	07/31/2008
DHEC notification:	1032
Observed date:	07/31/2008
observed_t:	1032
Spill Date:	07/31/2008
Spill Time:	0935
Duration:	1
Created Date:	07/31/2008
Updated Date:	08/01/2008
District Name:	Charleston EQC Office
PRP Last Name:	RHODIA
PRP First Name:	Not reported
Incident substance type:	Hazardous Material
Received by Name:	RYAN MCDANIEL
Revieved by Name:	TERRY YARBOROUGH
Transportation:	Not reported
Surface water affected:	Not reported
Lead Investigator Name:	Not reported
CCBEP:	Yes
Water body:	Not reported
Caller Last Name:	Not reported

RHODIA INC (Continued) **U004018066**

Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

Incident ID number: 48678301
Incident Name: 200903250
District Logged In: Not reported
Date DHEC notified: 05/26/2009
DHEC notification: 0630
Observed date: 05/26/2009
observed_t: 1000
Spill Date: 05/26/2009
Spill Time: 0600
Duration: Not reported
Created Date: 05/26/2009
Updated Date: 08/26/2009
District Name: Charleston EQC Office
PRP Last Name: RHODIA INC
PRP First Name: Not reported
Incident substance type: Hazardous Material
Received by Name: KAREN BRASWELL
Revieved by Name: MARK HIOTT
Transportation: Not reported
Surface water affected: Not reported
Lead Investigator Name: Not reported
CCBEP: No
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

Incident ID number: 67088107
Incident Name: 201003905
District Logged In: Not reported
Date DHEC notified: 07/20/2010
DHEC notification: 0555
Observed date: 07/20/2010
observed_t: 0630
Spill Date: 07/20/2010
Spill Time: 0540

RHODIA INC (Continued) **U004018066**

Duration: 4
Created Date: 07/20/2010
Updated Date: 08/04/2010
District Name: Charleston EQC Office
PRP Last Name: RHODIA
PRP First Name: Not reported
Incident substance type: Hazardous Material
Received by Name: ELIZABETH SHAWANESSE
Revieved by Name: MARK HIOTT
Transportation: N
Surface water affected: No
Lead Investigator Name: Not reported
CCBEP: No
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: AMMONIA, [ANHYDROUS]
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

Incident ID number: 869012
Incident Name: 200002967
District Logged In: Not reported
Date DHEC notified: 09/24/2000
DHEC notification: 1056
Observed date: 09/24/2000
observed_t: Not reported
Spill Date: 09/24/2000
Spill Time: Not reported
Duration: Not reported
Created Date: 09/26/2000
Updated Date: 10/30/2000
District Name: Charleston EQC Office
PRP Last Name: RHODIA INC
PRP First Name: Not reported
Incident substance type: Hazardous Material
Received by Name: JIM RICE
Revieved by Name: CHRISTINE SANFORD-COKER
Transportation: N
Surface water affected: Yes
Lead Investigator Name: CHRISTINE SANFORD-COKER
CCBEP: No
Water body: Ashley River
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: Not reported
Quantity: Not reported

RHODIA INC (Continued) **U004018066**

Units: Not reported
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

60
West
1/8-1/4
0.197 mi.
1038 ft.

Relative:
Lower

Actual:
6 ft.

SWIFT AGRI-CHEM CORP **CERCLIS** **1000230722**
2750 SPEISSEGGER DRIVE **FINDS** **SCD058181991**
CHARLESTON, SC 29405 **SHWS**
GWCI
ALLSITES
VCP
BROWNFIELDS

CERCLIS:
Site ID: 0403307
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Other Cleanup Activity: Private Party-Lead Cleanup

CERCLIS Site Contact Name(s):
Contact Name: Corey Hendrix
Contact Tel: (404) 562-8738
Contact Title: Site Assessment Manager (SAM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Remedial Project Manager (RPM)

Contact Name: Ralph Howard
Contact Tel: (404) 562-8829
Contact Title: Remedial Project Manager (RPM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793
Contact Title: Remedial Project Manager (RPM)

Contact Name: Mike Norman
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

Contact Name: AL CHERRY
Contact Tel: (404) 562-8828
Contact Title: Remedial Project Manager (RPM)

Contact Name: Paul Wagner
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

SWIFT AGRI-CHEM CORP (Continued) **1000230722**

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

Contact Name: Ken Mallary
Contact Tel: (404) 562-8802
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: SWIFT AGRI-CHEM CORP
Alias Address: Not reported
CHARLESTON, SC
Site Description: A former phosphate fertilizer facility located on the Ashley River in Charlston, SC. EE/CA was completed in 2004. ExxonMobil (PRP) and Ashley II (local developer) are working together to complete the design for the NTCRA. On-site construction is scheduled to begin in summer 2007.

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 11/01/79
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 12/01/80
Priority Level: Low priority for further assessment

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 12/22/87
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 09/30/98
Priority Level: Higher priority for further assessment

Action: EXPANDED SITE INSPECTION
Date Started: 10/01/99
Date Completed: 09/26/00
Priority Level: Referred to Removal, needs further Rmdl Asmt

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 09/29/00
Priority Level: Not reported

Action: ADMINISTRATIVE RECORDS
Date Started: Not reported
Date Completed: 07/16/04
Priority Level: Not reported

Action: ENGINEERING EVALUATION/COST ANALYSIS
Date Started: 08/28/00
Date Completed: 09/30/04
Priority Level: Not reported

SWIFT AGRI-CHEM CORP (Continued) **1000230722**

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 01/25/05
Priority Level: Not reported

FINDS:

Registry ID: 110009345262

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SHWS:
EPA ID: SCD058181991

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD058181991
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	51540
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	VOC, METALS
Petroleum Products:	False
Volatile Organic Compounds:	True
Metals:	True
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False

SWIFT AGRI-CHEM CORP (Continued) **1000230722**

Source:	PPL
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	True
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES
Monitoring:	YES
Remediation:	NO
Surface Impact:	YES
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 51540. In assessment and monitoring phases. Plume is discharging to Ashley River.

ALLSITES:

Brownfield:	No
Brownfield Type:	Hazardous Substances
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	Yes
Lat:	32.85345563
Long:	-79.97516647
Impacted Media:	Soil Contamination S/W - Sed. Contamination G/W Contamination arsenic (2100 ppm), lead (12,000 ppm) sediment: (arsenic 300 ppm), lead (2400 ppm); surface water: arsenic (120 ppm), lead (730 ppm) arsenic (120 ppm), lead (730 ppm)

VCP:

Entity Resp for Conditional Remedy:	Not reported
Region:	Not reported
Tax Map Id:	Not reported
Latitutde:	Not reported
Longitude:	Not reported
Tracking Num:	Not reported
Regulatory Program:	Not reported
Contract #:	04-4898(II)-NRP
Old Contract #:	4898
Company Name:	Baker Prof. Office Bldg/ Ashley II
Acreage:	4.38
Exec Date:	4/5/04
Completed:	Not reported
Restrictive Covenant:	Not reported
On CERCLIS:	Yes
File Number:	51540

SC BROWNFIELD:

Contract Number:	05-4898(III) -NRP
Contract Type:	NRP
File Number:	51540
Contract Manager:	GORMAN, ANGELA K

SWIFT AGRI-CHEM CORP (Continued) **1000230722**

Person Company:	ASHLEY II
Primary Address1:	Not reported
Primary Address2:	Not reported
Primary City:	Not reported
Primary State Code:	Not reported
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	0.75
Contract Executed:	2005-09-26 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Not reported
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

Contract Number:	03-4898-NRP
Contract Type:	NRP
File Number:	51540
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	87.820000000000007
Contract Executed:	2003-09-18 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	MICHAEL COSTA
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	2003-09-18 00:00:00
Workplan Received:	2006-07-21 00:00:00
Workplan Reviewed:	2006-08-23 00:00:00
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	2007-07-16 00:00:00
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

Contract Number:	04-4898(II) -NRP.
Contract Type:	NRP
File Number:	51540

SWIFT AGRI-CHEM CORP (Continued) **1000230722**

Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	Not reported
Primary Address2:	Not reported
Primary City:	Not reported
Primary State Code:	Not reported
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	2.04
Contract Executed:	2004-04-05 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Not reported
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

R61 **MONARCH BUILDING SUPPLY** **FINDS** **1007229446**
NW **2816 AZALEA DR** **LUST** **N/A**
1/8-1/4 **CHARLESTON, SC 29405**
0.197 mi.
1038 ft. **Site 1 of 2 in cluster R**

Relative:
Higher

Actual:
21 ft.

FINDS:

Registry ID: 110017006568

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:

Facility ID:	01486
Release Number:	1
Facility Status:	currently inactive
Substance:	PETRO
Owner:	TRI COUNTY ICE & FUEL CO
NFA Date:	**02/22/96**
Date Confirmed:	03/23/92
Report Date:	12/26/91
Rank:	5B

MONARCH BUILDING SUPPLY (Continued) **1007229446**

LUST DETAIL:
- Release Date: 12/26/1991
- Cleanup Complete Date: 2/22/1996
- RP Name: TRI COUNTY ICE & FUEL CO
- RP Address: 910 STREAM VALLEY TRAIL
- RP City: ALPHARETTA
- RP State: GA
- RP Zip: 30022
- SCRBCA Class Code: CLASS5B
- Depth to Ground Water: Not reported
- Ground Water Flow Direction: Not reported
- Project Manager: CORLEY, H REED
- Release Fin Type Code: QNW
- SSTL Established Code: Not reported

---

62 **HALL TWO SITE** **SHWS** **S105811287**
SW **AUSTIN AVE** **ALLSITES** **N/A**
1/8-1/4 **CHARLESTON, SC 29405** **VCP**
0.201 mi. **BROWNFIELDS**
1060 ft.

Relative: Higher

Actual: 16 ft.

SHWS:
- EPA ID: SCS123456935

ALLSITES:
- Brownfield: No
- Brownfield Type: Hazardous Substances
- DHEC EQC Region: 07
- Funds Used: No
- Resp Action: Yes
- Lat: 32.8313618
- Long: -79.95858332
- Impacted Media: Not reported

VCP:
- Entity Resp for Conditional Remedy: Not reported
- Region: Not reported
- Tax Map Id: Not reported
- Latitutde: Not reported
- Longitude: Not reported
- Tracking Num: Not reported
- Regulatory Program: Not reported
- Contract #: 03-5517-NRP
- Old Contract #: 5517
- Company Name: Hall Two/ Ashley II
- Acreage: 26.72
- Exec Date: 6/23/03
- Completed: Not reported
- Restrictive Covenant: Not reported
- On CERCLIS: No
- File Number: 56989

SC BROWNFIELD:
- Contract Number: 03-5517-NRP
- Contract Type: NRP

HALL TWO SITE (Continued) **S105811287**

File Number:	56989
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CCT REAL ESTATES SERVICES
Primary Address2:	2655 EVATT LN STE 107
Primary City:	N CHARLESTON
Primary State Code:	SC
Primary Zip Code:	29405
Type Brownfield:	Hazardous Substances
Acreage:	26.719999999999999
Contract Executed:	2003-06-23 00:00:00
COC Date Issued:	2009-05-26 00:00:00
RC Executed:	2008-10-14 00:00:00
Contact:	MICHAEL COSTA
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	2003-08-22 00:00:00
Workplan Received:	2004-07-30 00:00:00
Workplan Reviewed:	2004-12-16 00:00:00
Workplan Approved:	2005-08-12 00:00:00
Report Received:	Not reported
Report Reviewed:	2006-04-18 00:00:00
Report Approved:	Not reported
Cap Approved:	2008-10-08 00:00:00
Contract Mailed:	Not reported
Date Terminated:	Not reported
Contract Number:	03-5517-NRP
Contract Type:	NRP
File Number:	56989
Contract Manager:	GORMAN, ANGELA K
Person Company:	CHARLESTON CITY OF
Primary Address1:	30 MARY MURRAY DR
Primary Address2:	Not reported
Primary City:	CHARLESTON
Primary State Code:	SC
Primary Zip Code:	29403
Type Brownfield:	Hazardous Substances
Acreage:	Not reported
Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	MICHAEL COSTA
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported
Contract Number:	03-5517-NRP

HALL TWO SITE (Continued) **S105811287**

Contract Type:	NRP
File Number:	56989
Contract Manager:	GORMAN, ANGELA K
Person Company:	CHARLESTON CITY OF
Primary Address1:	PO BOX 304
Primary Address2:	Not reported
Primary City:	CHARLESTON
Primary State Code:	SC
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	Not reported
Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	MICHAEL COSTA
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

R63 **MONARCH BUILDING SUPPLY** **UST** **U004017683**
NW **2816 AZALEA DR** **N/A**
1/8-1/4 **CHARLESTON, SC**
0.202 mi.
1065 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
24 ft.

UST:

Facility ID:	1486
Owner:	TRI COUNTY ICE & FUEL CO
Owner Contact:	JAMES HARRELL
Owner Address:	910 STREAM VALLEY TRAIL
Owner City,St,Zip:	ALPHARETTA, GA
Owner Phone:	Not reported
Contact:	JAMES HARRELL
Contact Tel:	Not reported
Tank ID:	1
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported
Status:	**Abandoned**
Tank ID:	2
Capacity:	2000
Product:	Gasoline
Calcage:	10
Status:	**Abandoned**

64
SE
1/8-1/4
0.208 mi.
1098 ft.

YANCY CO INC
1871 KING ST EXT
CHARLESTON, SC 29405

RCRA-NonGen
FINDS

1004781178
SCR000760694

Relative:
Higher

Actual:
24 ft.

RCRA-NonGen:

Date form received by agency:	01/14/2008
Facility name:	YANCY CO INC
Facility address:	1871 KING ST EXT CHARLESTON, SC 294059422
EPA ID:	SCR000760694
Mailing address:	PO BOX 21419 CHARLESTON, SC 294131419
Contact:	RICK SMITH
Contact address:	1871 KING ST EXT CHARLESTON, SC 294059422
Contact country:	US
Contact telephone:	(843) 529-1844
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	YANCY CO INC
Owner/operator address:	1871 KING ST EXT CHARLESTON, SC 29405
Owner/operator country:	US
Owner/operator telephone:	(843) 529-1844
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	YANCY CO INC
Owner/operator address:	1871 KING ST EXT CHARLESTON, SC 29405
Owner/operator country:	Not reported
Owner/operator telephone:	(843) 529-1844
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

YANCY CO INC (Continued) **1004781178**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 09/18/2000
Facility name: YANCY CO INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: SR - 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173(b)
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported

YANCY CO INC (Continued) **1004781178**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.173(a)
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.174
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.31
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(b)
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

YANCY CO INC (Continued) **1004781178**

Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.16
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.171
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.37(1&4)
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.51-56
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

YANCY CO INC (Continued) **1004781178**

Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.175
Area of violation: Generators - General
Date violation determined: 10/27/2000
Date achieved compliance: 08/09/2001
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 08/09/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 98300
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/09/2001
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/30/2001
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 08/09/2001
Evaluation lead agency: State

Evaluation date: 10/27/2000
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/09/2001
Evaluation lead agency: State

FINDS:

Registry ID: 110004943296

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to

YANCY CO INC (Continued) **1004781178**

support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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65 WNW 1/8-1/4 0.235 mi. 1241 ft.

CAMERON & BARKLEY CO
2821 AZALEA DR
CHARLESTON, SC 29411

RCRA-CESQG FINDS **1004780793 SCD987598232**

Relative: Lower

Actual: 11 ft.

RCRA-CESQG:

Date form received by agency:	08/16/1993
Facility name:	CAMERON & BARKLEY CO
Facility address:	2821 AZALEA DR CHARLESTON, SC 29411
EPA ID:	SCD987598232
Mailing address:	PO BOX 10067 CHARLESTON, SC 29411
Contact:	LESTER GRIFFIS
Contact address:	2821 AZALEA DR CHARLESTON, SC 29411
Contact country:	US
Contact telephone:	(803) 745-6939
Contact email:	Not reported
EPA Region:	04
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CAMERON & BARKLEY CO
Owner/operator address:	2821 AZALEA DR CHARLESTON, SC 29411
Owner/operator country:	Not reported
Owner/operator telephone:	(803) 745-6939
Legal status:	Private

CAMERON & BARKLEY CO (Continued) **1004780793**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: 7777
Waste name: 7777

Violation Status: No violations found

FINDS:

Registry ID: 110007837555

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

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66
NNW
1/8-1/4
0.237 mi.
1252 ft.

W D ROBINSON ELECTRIC CO
2821 MEETING ST
CHARLESTON, SC

LUST **U003526397**
UST **N/A**

Relative:
Higher

Actual:
18 ft.

LUST:

Facility ID:	12632
Release Number:	1
Facility Status:	Not reported
Substance:	PETRO
Owner:	W D ROBINSON ELECTRIC CO
NFA Date:	**09/17/95**
Date Confirmed:	07/19/95
Report Date:	07/19/95
Rank:	Not reported

UST:

Facility ID:	12632
Owner:	W D ROBINSON ELECTRIC CO
Owner Contact:	RANDAL ROBINSON
Owner Address:	2821 MEETING ST
Owner City,St,Zip:	CHARLESTON, SC 29405-7902
Owner Phone:	843-747-2222
Contact:	RANDAL ROBINSON
Contact Tel:	843-747-2222
Tank ID:	1
Capacity:	500
Product:	Gasoline
Calcage:	Not reported
Status:	**Abandoned**
Tank ID:	2
Capacity:	1000
Product:	Gasoline
Calcage:	Not reported
Status:	**Abandoned**

S67
NNW
1/8-1/4
0.246 mi.
1299 ft.

2811 CARNER AVENUE SITE
2811 CARNER AVENUE
CHARLESTON, SC - -

Site 1 of 3 in cluster S

RCR **S106880495**
VCP **N/A**

Relative:
Higher

Actual:
18 ft.

RCR:

Entity Responsibility:	Not reported
Region:	7
Tax Id:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tracking Number:	SCD003792744
Regulatory Program:	CERCLA VCP NRP (Brownfields)
Unit Type:	Not reported
Unit Number/Letter:	Not reported
Area/Acres:	Not reported
Affected Media:	Not reported
Site/Unit:	"Tanker truck cleaning, repair, maintenance and storage facility.

2811 CARNER AVENUE SITE (Continued) **S106880495**

Chlorinated solvents, petroleum constituents in soil & groundwater at property. "
Condtions: Not reported
Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Not reported

VCP:
Entity Resp for Conditional Remedy: Not reported
Region: 7
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: SCD003792744
Regulatory Program: CERCLA VCP NRP (Brownfields)
Contract #: Not reported
Old Contract #: Not reported
Company Name: Not reported
Acreage: Not reported
Exec Date: Not reported
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Not reported
File Number: Not reported

Entity Resp for Conditional Remedy: Not reported
Region: Not reported
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: Not reported
Regulatory Program: Not reported
Contract #: 04-5561-NRP
Old Contract #: 5561
Company Name: 2811 Carner Ave./ All Carolina Group
Acreage: 4.39
Exec Date: 6/9/04
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: No
File Number: 51000

S68 **2811 CARNER AVENUE** **ALLSITES** **S109694584**
NNW **2811 CARNER AVE** **N/A**
1/8-1/4 **CHARLESTON, SC**
0.247 mi.
1304 ft. **Site 2 of 3 in cluster S**

Relative: Higher

Actual: 18 ft.

ALLSITES:
Brownfield: No
Brownfield Type: Hazardous Substances
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: 32.84677351
Long: -79.96632533
Impacted Media: Soil Contamination G/W Contamination cis-1,2-DCE; benzo(a)anthracene TCE, DCE, Vinyl Chloride, Benzene

S69 **INFINGER TRANSPORTATION COMPANY INCORPORATED** **RCRA-NonGen** **1000257201**
NNW **2811 CARNER AVENUE** **FINDS** **SCD003792744**
1/4-1/2 **CHARLESTON, SC 29415** **SHWS**
0.251 mi. **GWCI**
1327 ft. **Site 3 of 3 in cluster S** **BROWNFIELDS**

Relative:
Higher

Actual:
17 ft.

RCRA-NonGen:

Date form received by agency:	08/17/2004
Facility name:	INFINGER TRANSPORTATION CO INC
Facility address:	2811 CARNER AVE CHARLESTON HEIGHTS, SC 29405
EPA ID:	SCD003792744
Mailing address:	SPINNAKER LN CHARLESTON, SC 29407
Contact:	JIMMY D HONEYCUTT
Contact address:	WEEPOOLOW TRAIL CHARLESTON, SC 29407
Contact country:	US
Contact telephone:	(843) 763-4700
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	INFINGER TRANSPORTATION
Owner/operator address:	2811 CARNER AVE CHARLESTON HEIGHTS, SC 29405
Owner/operator country:	Not reported
Owner/operator telephone:	(999) 999-9999
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

INFINGER TRANSPORTATION COMPANY INCORPORATED (Continued) **1000257201**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 03/27/2002
Facility name: INFINGER TRANSPORTATION CO INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/12/1980
Facility name: INFINGER TRANSPORTATION CO INC
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/02/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110002254970

Environmental Interest/Information System

INFINGER TRANSPORTATION COMPANY INCORPORATED (Continued) **1000257201**

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

SHWS:
EPA ID: SCD003792744

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD003792744
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	51000
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	PETRO, VOC
Petroleum Products:	True
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L, STTF
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	True
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES

INFINGER TRANSPORTATION COMPANY INCORPORATED (Continued) **1000257201**

Monitoring: YES
Remediation: NO
Surface Impact: NO
Drinking Water Well Impact: NO
Remarks: BLWM File # 51000. In assessment and monitoring phases.

SC BROWNFIELD:
Contract Number: 04-5561-NRP
Contract Type: NRP
File Number: 51000
Contract Manager: Not reported
Person Company: ALL CAROLINA GROUP
Primary Address1: 7809 OLD ROCKSIDE RD
Primary Address2: Not reported
Primary City: CLEVELAND
Primary State Code: OH
Primary Zip Code: Not reported
Type Brownfield: Hazardous Substances
Acreage: 4.3899999999999997
Contract Executed: 2004-06-09 00:00:00
COC Date Issued: Not reported
RC Executed: Not reported
Contact: Not reported
Status Code: ACTIVE
IC Received: Not reported
Workplan Due: 2004-06-09 00:00:00
Workplan Received: Not reported
Workplan Reviewed: Not reported
Workplan Approved: Not reported
Report Received: Not reported
Report Reviewed: 2005-01-04 00:00:00
Report Approved: Not reported
Cap Approved: Not reported
Contract Mailed: Not reported
Date Terminated: Not reported

70
WNW
1/4-1/2
0.281 mi.
1484 ft.

CHICORA TANK FARM **SHWS** **S109546060**
2950 CARNER AVE **BROWNFIELDS** **N/A**
NORTH CHARLESTO, SC

Relative:
Lower

SHWS:
EPA ID: SCS123457159

Actual:
14 ft.

SC BROWNFIELD:
Contract Number: 09-5806-NRP
Contract Type: NRP
File Number: 57661
Contract Manager: STAMPS, JERRY M
Person Company: NORTH CHARLESTON CITY OF
Primary Address1: PO BOX 190016
Primary Address2: Not reported
Primary City: NORTH CHARLESTON
Primary State Code: SC
Primary Zip Code: Not reported
Type Brownfield: Not reported

CHICORA TANK FARM (Continued) **S109546060**

Acreage:	24
Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	RAY ANDERSON
Status Code:	INCOMP
IC Received:	2009-10-12 00:00:00
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	2009-10-15 00:00:00
Date Terminated:	Not reported

T71 **HERMANN WAREHOUSE SE** **LUST** **S107924674**
SE **1797 KING ST EXT** **N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.294 mi.
1550 ft. **Site 1 of 2 in cluster T**

Relative:
Lower

Actual:
12 ft.

LUST:

Facility ID:	18621
Release Number:	1
Facility Status:	conduct invest/risk assessment
Substance:	PETROL
Owner:	ORPHAN CORESOUND REALTY INC
NFA Date:	**02/28/08**
Date Confirmed:	06/12/06
Report Date:	09/23/05
Rank:	3BF

LUST DETAIL:

Release Date:	9/23/2005
Cleanup Complete Date:	1/24/2008
RP Name:	ORPHAN CORESOUND REALTY INC
RP Address:	PO BOX 2730
RP City:	SUMMERVILLE
RP State:	SC
RP Zip:	29484
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	3
Ground Water Flow Direction:	N
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	Recoverable Deductible
SSTL Established Code:	Not reported

Release Date:	4/4/2006
Cleanup Complete Date:	1/24/2008
RP Name:	ORPHAN CORESOUND REALTY INC
RP Address:	PO BOX 2730
RP City:	SUMMERVILLE
RP State:	SC
RP Zip:	29484
SCRBCA Class Code:	CLASS3BF

HERMANN WAREHOUSE SE (Continued) **S107924674**

Depth to Ground Water: 4
Ground Water Flow Direction: N
Project Manager: PADGETT, JOEL P
Release Fin Type Code: Recoverable Deductible
SSTL Established Code: Not reported

Facility ID: 18621
Release Number: 2
Facility Status: conduct invest/risk assessment
Substance: PETROL
Owner: ORPHAN CORESOUND REALTY INC
NFA Date: 02/08/08
Date Confirmed: 06/12/06
Report Date: 04/04/06
Rank: 3BF

LUST DETAIL:
Release Date: 9/23/2005
Cleanup Complete Date: 1/24/2008
RP Name: ORPHAN CORESOUND REALTY INC
RP Address: PO BOX 2730
RP City: SUMMERVILLE
RP State: SC
RP Zip: 29484
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 3
Ground Water Flow Direction: N
Project Manager: PADGETT, JOEL P
Release Fin Type Code: Recoverable Deductible
SSTL Established Code: Not reported

Release Date: 4/4/2006
Cleanup Complete Date: 1/24/2008
RP Name: ORPHAN CORESOUND REALTY INC
RP Address: PO BOX 2730
RP City: SUMMERVILLE
RP State: SC
RP Zip: 29484
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 4
Ground Water Flow Direction: N
Project Manager: PADGETT, JOEL P
Release Fin Type Code: Recoverable Deductible
SSTL Established Code: Not reported

T72 **1797 KING STREET EXTENSION** **US BROWNFIELDS** **1012173917**
SE **1797 KING STREET** **N/A**
1/4-1/2 **CHARLESTON, SC**
0.306 mi.
1618 ft. **Site 2 of 2 in cluster T**

Relative:
Lower

Actual:
12 ft.

US BROWNFIELDS:
Recipient name: Charleston, City of
Grant type: Assessment Pilot
Property name: 1797 King Street Extension
Property #: Not reported

1797 KING STREET EXTENSION (Continued) **1012173917**

Parcel size:	Not reported
Latitude:	32.824777
Longitude:	-79.952862
HCM label:	Address Matching-House Number
Map scale:	100000
Point of reference:	Entrance Point of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	11850
Start date:	N/A
Completed date:	N/A
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	Not reported
Assessment funding source:	Not reported
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	N/A
Assessment funding entity:	Not reported
Cleanup funding entity:	Not reported
Grant type:	N/A
Accomplishment type:	Not reported
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	Not reported
Cleanup required:	Not reported
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	Not reported
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	N/A
IC in place:	Unknown
Enrolled in state/tribal program:	No
State/tribal program date:	N/A
State/tribal program ID:	Not reported
State/tribal NFA date:	N/A
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported

1797 KING STREET EXTENSION (Continued) **1012173917**

Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Property highlights:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported

U73 **RENTAL SERVICE CORP STORE 477** **LUST** **U003930433**
WNW **2841 AZALEA DR** **N/A**
1/4-1/2 **CHARLESTON, SC 29415**
0.318 mi.
1680 ft. **Site 1 of 2 in cluster U**

Relative:
Lower

Actual:
14 ft.

LUST:

Facility ID:	01653
Release Number:	1
Facility Status:	currently inactive
Substance:	PETRO
Owner:	MOUNT VERNON CHARTER CORP
NFA Date:	**04/23/03**
Date Confirmed:	07/16/90
Report Date:	07/16/90
Rank:	3BF

LUST DETAIL:

Release Date:	7/16/1990
Cleanup Complete Date:	Not reported
RP Name:	MT VERNON CHARTER CORP
RP Address:	4500 CARMEL ESTATES RD
RP City:	MATTHEWS
RP State:	NC
RP Zip:	28105
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	9
Ground Water Flow Direction:	Not reported

RENTAL SERVICE CORP STORE 477 (Continued) **U003930433**

Project Manager: BUTLER, ALEX P
Release Fin Type Code: With SUPERB
SSTL Established Code: Not reported

Release Date: 9/22/1997
Cleanup Complete Date: Not reported
RP Name: MT VERNON CHARTER CORP
RP Address: 4500 CARMEL ESTATES RD
RP City: MATTHEWS
RP State: NC
RP Zip: 28105
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 2.5
Ground Water Flow Direction: W
Project Manager: BUTLER, ALEX P
Release Fin Type Code: Qualifies for Fund with Deductible
SSTL Established Code: Department

Facility ID: 01653
Release Number: 2
Facility Status: monitored natural attenuation
Substance: PETRO
Owner: MOUNT VERNON CHARTER CORP
NFA Date: 04/23/03
Date Confirmed: 10/28/97
Report Date: 09/22/97
Rank: 3BF

LUST DETAIL:
Release Date: 7/16/1990
Cleanup Complete Date: Not reported
RP Name: MT VERNON CHARTER CORP
RP Address: 4500 CARMEL ESTATES RD
RP City: MATTHEWS
RP State: NC
RP Zip: 28105
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 9
Ground Water Flow Direction: Not reported
Project Manager: BUTLER, ALEX P
Release Fin Type Code: With SUPERB
SSTL Established Code: Not reported

Release Date: 9/22/1997
Cleanup Complete Date: Not reported
RP Name: MT VERNON CHARTER CORP
RP Address: 4500 CARMEL ESTATES RD
RP City: MATTHEWS
RP State: NC
RP Zip: 28105
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 2.5
Ground Water Flow Direction: W
Project Manager: BUTLER, ALEX P
Release Fin Type Code: Qualifies for Fund with Deductible
SSTL Established Code: Department

74
SW
1/4-1/2
0.322 mi.
1700 ft.

STONO PHOSPHATE WORKS
2079 AUSTIN AVENUE
CHARLESTON, SC 29405

CERCLIS **1001216986**
FINDS **SC0002316404**
SHWS
ALLSITES
GWCI

Relative:
Higher

Actual:
15 ft.

CERCLIS:
Site ID: 0406771
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Other Cleanup Activity: Private Party-Lead Cleanup

CERCLIS Site Contact Name(s):
Contact Name: Corey Hendrix
Contact Tel: (404) 562-8738
Contact Title: Site Assessment Manager (SAM)

Contact Name: Mike Norman
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Remedial Project Manager (RPM)

Contact Name: Ralph Howard
Contact Tel: (404) 562-8829
Contact Title: Remedial Project Manager (RPM)

Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

Contact Name: AL CHERRY
Contact Tel: (404) 562-8828
Contact Title: Remedial Project Manager (RPM)

Contact Name: Paul Wagner
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

Contact Name: Ken Mallary
Contact Tel: (404) 562-8802
Contact Title: Remedial Project Manager (RPM)

Site Description: Former phosphate/fertilizer plant located on Ashley River. Plant also known as Chicora Works and Naco Fertilizer Co., which was part of a much larger facility

STONO PHOSPHATE WORKS (Continued) **1001216986**

located just north, named Virginia-Carolina Chemical Company, Stono Works. Dolphin Cove Marina is now located on property formerly occupied by Chicora Works. Primary access to the site is off Austin Avenue. An EE/CA has been completed by ExxonMobil, and an action memorandum was signed in September 2004 for a Non Time-Critical Removal Action (NTCRA) to be conducted by ExxonMobil. The design for the NTCRA is underway, and additional groundwater data is being collected prior to finalizing the design. On-site construction is schedules for fall 2007.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	02/03/98
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	09/27/99
Priority Level:	Higher priority for further assessment
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	09/27/99
Priority Level:	Higher priority for further assessment
Action:	EXPANDED SITE INSPECTION
Date Started:	10/01/99
Date Completed:	09/26/00
Priority Level:	Referred to Removal, needs further Rmdl Asmt
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	10/10/00
Priority Level:	Not reported
Action:	ADMINISTRATIVE RECORDS
Date Started:	Not reported
Date Completed:	07/16/04
Priority Level:	Not reported
Action:	ENGINEERING EVALUATION/COST ANALYSIS
Date Started:	08/28/00
Date Completed:	09/30/04
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	01/25/05
Priority Level:	Not reported

FINDS:

Registry ID: 110009310735

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and

STONO PHOSPHATE WORKS (Continued) **1001216986**

Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SHWS:
EPA ID: SC0002316404

ALLSITES:
Brownfield: No
Brownfield Type: Not reported
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: 32.83106103
Long: -79.96391536
Impacted Media: Soil Contamination S/W - Sed. Contamination G/W Contamination arsenic (2800 ppm), lead (6600 ppm) sediment: arsenic (420 ppm), lead (5,000 ppm) arsenic (1100 ppb), cadmium (31.9 ppb), chromium (1630 ppb), 1,1-DCE (930 ppb), lead (200 ppb), mercury (2.9 ppb)

SC GWIC:
Bureau: BLWM
EAP ID: SC0002316404
Solid Waste Permit #: Not reported
Bureau of Land & Waste Management File #: 56196
Permit Number: Not reported
WPC Permit: Not reported
Program: SUPERFUND
Contamination: VOC, METALS
Petroleum Products: False
Volatile Organic Compounds: True
Metals: True
Nitrates or Potential to Nitrate: False
Pesticides & Herbicides: False
Polychlorinated Biphenyls: False
Base, Neutral, & Acid Extractables: False
Phenols: False
Radionuclides Over Max Contaminant Levels: False

STONO PHOSPHATE WORKS (Continued) **1001216986**

Sources Not In Other Categories:	False
Source:	PPL
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	True
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES
Monitoring:	YES
Remediation:	NO
Surface Impact:	YES
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 56196. In assessment and monitoring phases. Plume is discharging to Ashley River.

U75 **RENTAL SERVICE CORP STORE 477** **GWCI** **U004017979**
WNW **2841 AZALEA DR** **RCR** **N/A**
1/4-1/2 **CHARLESTON, SC 29415** **UST**
0.322 mi.
1702 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
15 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01653
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False

RENTAL SERVICE CORP STORE 477 (Continued) **U004017979**

Assessment: No
Monitoring: No
Remediation: Yes
Surface Impact: No
Drinking Water Well Impact: No
Remarks: Site ID # 01653. RBCA Classification 3BF3. Monitored Natural Attenuation.

RCR:
Entity Responsibility: Mt Vernon Charter Corp
Region: 7
Tax Id: 469-13-00-141
Latitude: 32.833506
Longitude: 79.966767
Tracking Number: 1653
Regulatory Program: UST
Unit Type: UST
Unit Number/Letter: 1
Area/Acres: Not reported
Affected Media: Not reported
Site/Unit: Regulated Petroleum Underground Storage Tank Location
Condtions: Public Noticed Corrective Action Plan
Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Not reported

Entity Responsibility: Mt Vernon Charter Corp
Region: 7
Tax Id: 469-13-00-141
Latitude: 32.833506
Longitude: 79.966767
Tracking Number: 1653
Regulatory Program: UST
Unit Type: UST
Unit Number/Letter: 2
Area/Acres: Not reported
Affected Media: Groundwater
Site/Unit: Regulated Petroleum Underground Storage Tank Location
Condtions: Public Noticed Corrective Action Plan
Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Benzene Naphthalene MTBE

UST:
Facility ID: 1653
Owner: MOUNT VERNON CHARTER CORP
Owner Contact: DARRELL BRADLEY
Owner Address: 16225 PARK TEN PL STE 200
Owner City,St,Zip: HOUSTON, TX
Owner Phone: 704-332-5171
Contact: DARRELL BRADLEY
Contact Tel: 281-578-5600

Tank ID: 1
Capacity: 1500
Product: Gasoline
Calcage: 10
Status: Abandoned

RENTAL SERVICE CORP STORE 477 (Continued) **U004017979**

Tank ID: 2
Capacity: 500
Product: Gasoline
Calcage: 10
Status: **Abandoned**

Tank ID: 3
Capacity: 1000
Product: Diesel
Calcage: 10
Status: **Abandoned**

76
SSE
1/4-1/2
0.335 mi.
1770 ft.

CHARLESTON SUPPLY CO. SITE **SHWS** **S106666066**
1791 KING ST EXT **BROWNFIELDS** **N/A**
CHARLESTON, SC 29405

Relative:
Higher

SHWS:
EPA ID: SCS123456960

Actual:
18 ft.

SC BROWNFIELD:

Contract Number:	LETTER OF AGREEMENT
Contract Type:	RP
File Number:	57032
Contract Manager:	Not reported
Person Company:	CHARLESTON ASSOCIATES LLC
Primary Address1:	Not reported
Primary Address2:	Not reported
Primary City:	Not reported
Primary State Code:	Not reported
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	Not reported
Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Not reported
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

V77 **CIRCLE K 8095** **GWCI** **U004017870**
NNW **2947 SPRUILL AVE** **UST** **N/A**
1/4-1/2 **NORTH CHARLESTON, SC 29406**
0.374 mi.
1974 ft. **Site 1 of 2 in cluster V**

Relative:
Lower

Actual:
5 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01585
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01585. RBCA Classification 3BF3. Monitored Natural Attenuation.

UST:

Facility ID:	1585
Owner:	CIRCLE K STORES INC
Owner Contact:	RICH PEREZ
Owner Address:	2440 WHITEHALL PARK DR STE 800
Owner City,St,Zip:	CHARLOTTE, NC
Owner Phone:	704-583-5700
Contact:	RICH PEREZ
Contact Tel:	Not reported
Tank ID:	1
Capacity:	6000
Product:	Gasoline
Calcage:	10

CIRCLE K 8095 (Continued) **U004017870**

Status: **Abandoned**

Tank ID: 2
Capacity: 4000
Product: Gasoline
Calcage: 10
Status: **Abandoned**

V78 **CIRCLE K 8095** **FINDS** **1007259996**
NNW **2947 SPRUILL AVE** **RCR** **N/A**
1/4-1/2 **NORTH CHARLESTON, SC 29406** **LUST**
0.376 mi.
1983 ft. **Site 2 of 2 in cluster V**

Relative:
Lower

Actual:
5 ft.

FINDS:

Registry ID: 110017330770

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCR:
Entity Responsibility: Circle K Corp
Region: 7
Tax Id: 469-16-00-239
Latitude: 32.832157
Longitude: -79.95314
Tracking Number: 1585
Regulatory Program: UST
Unit Type: UST
Unit Number/Letter: 1
Area/Acres: Not reported
Affected Media: Groundwater
Site/Unit: Regulated Petroleum Underground Storage Tank Location
Condtions: Public Noticed Corrective Action Plan
Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Benzene Ethylbenzene Naphthalene

LUST:
Facility ID: 01585
Release Number: 1
Facility Status: monitored natural attenuation
Substance: PETRO
Owner: CIRCLE K STORES INC
NFA Date: **11/13/02**
Date Confirmed: 01/31/89
Report Date: 01/23/89
Rank: 3BF

CIRCLE K 8095 (Continued) **1007259996**

LUST DETAIL:

Release Date:	1/23/1989
Cleanup Complete Date:	Not reported
RP Name:	CIRCLE K CORP
RP Address:	5650 BRECKENRIDGE PKY STE 300
RP City:	TAMPA
RP State:	FL
RP Zip:	33610
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	4.2999999999999998
Ground Water Flow Direction:	NE
Project Manager:	MAXWELL, STEPHEN R
Release Fin Type Code:	With SUPERB
SSTL Established Code:	Tier 2 Assessment

W79 **YELLOW CAB CO OF CHAS INC** **GWCI** **U004017656**
ESE **2003 CHERRY HILL RD** **UST** **N/A**
1/4-1/2 **CHARLESTON, SC**
0.383 mi.
2022 ft. **Site 1 of 2 in cluster W**

Relative:
Higher

Actual:
18 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01467
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No

YELLOW CAB CO OF CHAS INC (Continued) **U004017656**

Drinking Water Well Impact: No
Remarks: Site ID # 01467. RBCA Classification 3BF5. Inactive.

UST:
Facility ID: 1467
Owner: YELLOW CAB COMPANY
Owner Contact: STEVE CROSBY
Owner Address: 2019 CHERRY HILL LN
Owner City,St,Zip: CHARLESTON, SC
Owner Phone: 843-722-2222
Contact: STEVE CROSBY
Contact Tel: Not reported

Tank ID: 1
Capacity: 8000
Product: Gasoline
Calcage: 10
Status: Abandoned

Tank ID: 2
Capacity: 8000
Product: Gasoline
Calcage: 10
Status: Abandoned

W80 **YELLOW CAB CO OF CHAS INC** **FINDS 1007229361**
ESE **2003 CHERRY HILL RD** **LUST N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.387 mi.
2045 ft. **Site 2 of 2 in cluster W**

Relative: Higher

Actual: 18 ft.

FINDS:

Registry ID: 110017005685

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:
Facility ID: 01467
Release Number: 1
Facility Status: approved
Substance: PETRO
Owner: YELLOW CAB COMPANY
NFA Date: 03/30/10
Date Confirmed: 09/26/90
Report Date: 12/28/89
Rank: 3BF

YELLOW CAB CO OF CHAS INC (Continued) **1007229361**

LUST DETAIL:

Release Date:	12/28/1989
Cleanup Complete Date:	Not reported
RP Name:	YELLOW CAB COMPANY
RP Address:	2019 CHERRY HILL LN
RP City:	CHARLESTON
RP State:	SC
RP Zip:	29405
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	4
Ground Water Flow Direction:	NE
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	DHEC SUPERB with State Lead
SSTL Established Code:	Not reported

X81 **PRYORS TEXACO** **FINDS** **1007226188**
NNW **2851 RIVERS AVE** **RCR** **N/A**
1/4-1/2 **NORTH CHARLESTON, SC 29405** **LUST**
0.393 mi.
2074 ft. **Site 1 of 2 in cluster X**

Relative: Higher

Actual: 15 ft.

FINDS:

Registry ID: 110016973211

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCR:

Entity Responsibility:	Sam Pryor
Region:	7
Tax Id:	469-15-00-124
Latitude:	32.847855
Longitude:	-79.969307
Tracking Number:	11358
Regulatory Program:	UST
Unit Type:	UST
Unit Number/Letter:	1
Area/Acres:	Not reported
Affected Media:	Groundwater
Site/Unit:	Regulated Petroleum Underground Storage Tank Location
Condtions:	Public Noticed Corrective Action Plan
Associated Response/Corrective Action:	Not reported
Associated Chemicals Requiring:	Benzene Naphthalene MTBE

LUST:

Facility ID:	11358
Release Number:	1

PRYORS TEXACO (Continued) **1007226188**

Facility Status:	approved
Substance:	PETRO
Owner:	TEDDIE PRYOR
NFA Date:	**01/30/03**
Date Confirmed:	05/17/90
Report Date:	12/18/89
Rank:	3BF

LUST DETAIL:

Release Date:	12/18/1989
Cleanup Complete Date:	Not reported
RP Name:	PRYOR
RP Address:	2851 RIVERS AVE
RP City:	N CHARLESTON
RP State:	SC
RP Zip:	29405
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	4
Ground Water Flow Direction:	E
Project Manager:	THOMA, DEBRA L
Release Fin Type Code:	DHEC SUPERB with State Lead
SSTL Established Code:	Not reported

X82 **PRYORS TOWING & RADIATOR LLC** **GWCI** **U003620658**
NNW **2851 RIVERS AVE** **UST** **N/A**
1/4-1/2 **NORTH CHARLESTON, SC**
0.394 mi.
2079 ft. **Site 2 of 2 in cluster X**

Relative:
Higher

Actual:
15 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	11358
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False

PRYORS TOWING & RADIATOR LLC (Continued) **U003620658**

Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 11358. RBCA Classification 3BF7. Approved Monitored Natural Attenuation (MNA Awaiti.

UST:

Facility ID:	11358
Owner:	PRYOR
Owner Contact:	Not reported
Owner Address:	2851 RIVERS AVE
Owner City,St,Zip:	N CHARLESTON, SC
Owner Phone:	843-744-5308
Contact:	Not reported
Contact Tel:	843-744-5308

Tank ID:	1
Capacity:	4000
Product:	Gasoline
Calcage:	5
Status:	**Extended out of use**

Tank ID:	2
Capacity:	4000
Product:	Gasoline
Calcage:	10
Status:	**Extended out of use**

Tank ID:	3
Capacity:	4000
Product:	Gasoline
Calcage:	10
Status:	**Extended out of use**

Tank ID:	4
Capacity:	3000
Product:	Diesel
Calcage:	15
Status:	**Abandoned**

Tank ID:	5
Capacity:	4000
Product:	Kerosene
Calcage:	15
Status:	**Abandoned**

Tank ID:	6

PRYORS TOWING & RADIATOR LLC (Continued) **U003620658**

Capacity:	4000
Product:	Kerosene
Calcage:	15
Status:	**Abandoned**

Tank ID:	7
Capacity:	4000
Product:	Diesel
Calcage:	15
Status:	**Extended out of use**

Y83 **METAL TRADES** **US BROWNFIELDS** **1012173936**
ESE **1965 PITTSBURGH AVENUE** **N/A**
1/4-1/2 **CHARLESTON, SC**
0.404 mi.
2134 ft. **Site 1 of 3 in cluster Y**

Relative:
Higher

Actual:
15 ft.

US BROWNFIELDS:

Recipient name:	Charleston, City of
Grant type:	Assessment Pilot
Property name:	Metal Trades
Property #:	Not reported
Parcel size:	Not reported
Latitude:	32.833658
Longitude:	-79.950594
HCM label:	Address Matching-House Number
Map scale:	100000
Point of reference:	Entrance Point of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	11844
Start date:	N/A
Completed date:	N/A
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	Not reported
Assessment funding source:	Not reported
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	N/A
Assessment funding entity:	Not reported
Cleanup funding entity:	Not reported
Grant type:	N/A
Accomplishment type:	Not reported
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	Not reported
Cleanup required:	Not reported
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	Not reported
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	N/A

METAL TRADES (Continued) **1012173936**

IC in place:	Unknown
Enrolled in state/tribal program:	No
State/tribal program date:	N/A
State/tribal program ID:	Not reported
State/tribal NFA date:	N/A
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
Unknown found:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Property highlights:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported

Y84 **METAL TRADES SITE** **SHWS** **1010362366**
ESE **1905 PITTSBURGH AVE** **BROWNFIELDS** **N/A**
1/4-1/2 **CHARLESTON, SC**
0.406 mi.
2145 ft. **Site 2 of 3 in cluster Y**

Relative: Higher

SHWS:
EPA ID: SCD987594322

Actual: 16 ft.

SC BROWNFIELD:

Contract Number:	05-5622-NRP
Contract Type:	NRP
File Number:	54966
Contract Manager:	OVERCASH, JOCHERIE C
Person Company:	SHIPYARD CREEK HOLDINGS LLC
Primary Address1:	211 KING ST STE 300
Primary Address2:	Not reported
Primary City:	CHARLESTON
Primary State Code:	SC
Primary Zip Code:	29401
Type Brownfield:	Hazardous Substances
Acreage:	17.940000000000001
Contract Executed:	2006-01-19 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	John C. Darby
Status Code:	ACTIVE
IC Received:	2005-07-25 00:00:00
Workplan Due:	2006-02-18 00:00:00
Workplan Received:	2006-02-17 00:00:00
Workplan Reviewed:	2006-03-29 00:00:00
Workplan Approved:	2006-04-13 00:00:00
Report Received:	Not reported
Report Reviewed:	2007-04-16 00:00:00
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

Z85 **CHARLESTON CITY OF GARAGE** **SHWS** **U004017862**
SSE **1950 MILFORD ST** **GWCI** **N/A**
1/4-1/2 **CHARLESTON, SC 29405** **UST**
0.409 mi. **BROWNFIELDS**
2162 ft. **Site 1 of 2 in cluster Z**

Relative: Higher

SHWS:
EPA ID: SCS123457151

Actual: 23 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01581
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False

CHARLESTON CITY OF GARAGE (Continued) **U004017862**

Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01581. RBCA Classification 3BD4. Active corrective action.

UST:

Facility ID:	1581
Owner:	CHARLESTON CITY OF
Owner Contact:	STEPHANIE WAGNER
Owner Address:	262 & 264 MEETING ST
Owner City,St,Zip:	CHARLESTON, SC 29402-0304
Owner Phone:	843-724-7154
Contact:	STEPHANIE WAGNER
Contact Tel:	803-724-7390
Tank ID:	1
Capacity:	4000
Product:	Diesel
Calcage:	10
Status:	**Abandoned**
Tank ID:	2
Capacity:	4000
Product:	Diesel
Calcage:	10
Status:	**Abandoned**
Tank ID:	3
Capacity:	4000
Product:	Gasoline
Calcage:	10
Status:	**Abandoned**

CHARLESTON CITY OF GARAGE (Continued) **U004017862**

Tank ID: 4
Capacity: 4000
Product: Gasoline
Calcage: 10
Status: **Abandoned**

Tank ID: 5
Capacity: 4000
Product: Gasoline
Calcage: 10
Status: **Abandoned**

Tank ID: 6
Capacity: 4000
Product: Gasoline
Calcage: 10
Status: **Abandoned**

SC BROWNFIELD:

Contract Number:	08-5794-NRP
Contract Type:	NRP
File Number:	50160
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	16.399999999999999
Contract Executed:	2009-02-23 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	MICHAEL COSTA
Status Code:	INCOMP
IC Received:	2008-03-20 00:00:00
Workplan Due:	2009-03-25 00:00:00
Workplan Received:	2009-03-26 00:00:00
Workplan Reviewed:	2009-04-29 00:00:00
Workplan Approved:	2009-10-15 00:00:00
Report Received:	Not reported
Report Reviewed:	2010-04-15 00:00:00
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	2008-12-12 00:00:00
Date Terminated:	Not reported

Z86 **CHARLESTON CITY OF GARAGE** **LUST** **U003930372**
SSE **1950 MILFORD ST** **N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.409 mi.
2162 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
22 ft.

LUST:

Facility ID:	01581
Release Number:	1
Facility Status:	monitored natural attenuation
Substance:	PETRO
Owner:	CHARLESTON CITY OF
NFA Date:	**Not reported**
Date Confirmed:	01/24/94
Report Date:	05/26/92
Rank:	3BF

LUST DETAIL:

Release Date:	5/26/1992
Cleanup Complete Date:	Not reported
RP Name:	CHARLESTON CITY OF GARAGE
RP Address:	1950 MILFORD ST
RP City:	CHARLESTON
RP State:	SC
RP Zip:	29405
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	5
Ground Water Flow Direction:	E
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	With SUPERB
SSTL Established Code:	Department

Y87 **METAL TRADES SITE** **ALLSITES** **S107030152**
ESE **1905 PITTSBURGH AVE** **N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.410 mi.
2167 ft. **Site 3 of 3 in cluster Y**

Relative:
Higher

Actual:
16 ft.

ALLSITES:

Brownfield:	No
Brownfield Type:	Hazardous Substances
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	Yes
Lat:	32.83381405
Long:	-79.95053864
Impacted Media:	Not reported

AA88 **SOUTHERN TRUCK TERMINAL** **GWCI** **U004018134**
SE **1805 MEETING ST** **UST** **N/A**
1/4-1/2 **CHARLESTON, SC**
0.414 mi.
2184 ft. **Site 1 of 2 in cluster AA**

Relative:
Higher

Actual:
22 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01744
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01744. RBCA Classification 3BA5. Inactive.

UST:

Facility ID:	1744
Owner:	SOUTHERN CHEMICAL HAULERS INC
Owner Contact:	CLINTON LEMON
Owner Address:	PO BOX 2095
Owner City,St,Zip:	CHARLESTON, SC
Owner Phone:	803-723-2571
Contact:	CLINTON LEMON
Contact Tel:	Not reported
Tank ID:	1
Capacity:	Not reported
Product:	Waste Oil
Calcage:	Not reported
Status:	**Abandoned**

SOUTHERN TRUCK TERMINAL (Continued) **U004018134**

Tank ID: 10
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: **Abandoned**

Tank ID: 11
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: **Abandoned**

Tank ID: 2
Capacity: Not reported
Product: Diesel
Calcage: Not reported
Status: **Abandoned**

Tank ID: 3
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: **Abandoned**

Tank ID: 4
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: **Abandoned**

Tank ID: 5
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: **Abandoned**

Tank ID: 6
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: **Abandoned**

Tank ID: 7
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: **Abandoned**

Tank ID: 8

SOUTHERN TRUCK TERMINAL (Continued) **U004018134**

Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: Abandoned

Tank ID: 9
Capacity: Not reported
Product: Miscellaneous Hydrocarbons
Calcage: Not reported
Status: Abandoned

AA89 **SOUTHERN TRUCK TERMINAL** **FINDS 1007239729**
SE **1805 MEETING ST** **LUST N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.414 mi.
2185 ft. **Site 2 of 2 in cluster AA**

Relative: Higher

Actual: 21 ft.

FINDS:

Registry ID: 110017113185

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:
Facility ID: 01744
Release Number: 1
Facility Status: awaiting funding
Substance: PETRO
Owner: SOUTHERN CHEMICAL HAULERS INC
NFA Date: Not reported
Date Confirmed: 11/06/92
Report Date: 12/13/91
Rank: 3BA

LUST DETAIL:
Release Date: 12/13/1991
Cleanup Complete Date: Not reported
RP Name: GEORGE A RHEMAN CO
RP Address: PO BOX 278
RP City: HARLEYVILLE
RP State: SC
RP Zip: 29448-0278
SCRBCA Class Code: CLASS3BA
Depth to Ground Water: 3
Ground Water Flow Direction: NE
Project Manager: SHRADER, ART A
Release Fin Type Code: DHEC SUPERB with State Lead
SSTL Established Code: Not reported

90
NE
1/4-1/2
0.418 mi.
2209 ft.

US DEPT OF STATE FINANCIAL SERVICE CTR
1969 DYESS AVE
CHARLESTON, SC 29405

LUST U004018175
UST N/A

Relative:
Higher

Actual:
19 ft.

LUST:

Facility ID:	01775
Release Number:	1
Facility Status:	Not reported
Substance:	PETRO
Owner:	US DEPT OF STATE FINANCIAL SERVICE CTR
NFA Date:	**08/09/95**
Date Confirmed:	09/30/92
Report Date:	09/30/92
Rank:	Not reported

Facility ID:	01775
Release Number:	2
Facility Status:	Not reported
Substance:	Not reported
Owner:	US DEPT OF STATE FINANCIAL SERVICE CTR
NFA Date:	**07/01/10**
Date Confirmed:	07/01/10
Report Date:	06/29/10
Rank:	Not reported

UST:

Facility ID:	1775
Owner:	US DEPT OF STATE FINANCIAL SERVICE CTR
Owner Contact:	GLENN HILL
Owner Address:	1969 DYESS AVE
Owner City,St,Zip:	CHARLESTON, SC
Owner Phone:	843-746-0779
Contact:	GLENN HILL
Contact Tel:	843-746-0779
Tank ID:	4
Capacity:	2000
Product:	Diesel
Calcage:	25
Status:	**Abandoned**
Tank ID:	5
Capacity:	2500
Product:	Diesel
Calcage:	14
Status:	**Currently in use**

AB91 **ATLANTIC PHOSPHATE WORKS** **CERCLIS** **1001216998**
SW **HAGOOD AVENUE @ ASHLEY RIVER** **FINDS** **SC0002332815**
1/4-1/2 **CHARLESTON, SC 29405**
0.436 mi.
2303 ft. **Site 1 of 2 in cluster AB**

Relative:
Higher

Actual:
22 ft.

CERCLIS:

Site ID:	0406787
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Referred to Removal - NFRAP

CERCLIS Site Contact Name(s):

Contact Name:	Richard Campbell
Contact Tel:	(404) 562-8825
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Corey Hendrix
Contact Tel:	(404) 562-8738
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Mike Norman
Contact Tel:	(404) 562-8792
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Craig Zeller
Contact Tel:	(404) 562-8827
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Ralph Howard
Contact Tel:	(404) 562-8829
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Yvonne Jones
Contact Tel:	(404) 562-8793
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	William Joyner
Contact Tel:	(404) 562-8795
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	AL CHERRY
Contact Tel:	(404) 562-8828
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Craig Zeller
Contact Tel:	(404) 562-8827
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Paul Wagner
Contact Tel:	(404) 562-8792
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Donna Seadler
Contact Tel:	(404) 562-8870
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Ken Mallary
Contact Tel:	(404) 562-8802

ATLANTIC PHOSPHATE WORKS (Continued) **1001216998**

Contact Title: Remedial Project Manager (RPM)

Site Description: Atlantic Phosphate Works is a former phosphate/fertilizer plant located along Ashley River. Site will be investigated under EPA and SCDHEC phosphate/fertilizer geographic initiative.

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/01/98
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 09/27/99
Priority Level: Higher priority for further assessment

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/27/99
Priority Level: Higher priority for further assessment

Action: EXPANDED SITE INSPECTION
Date Started: 10/01/99
Date Completed: 09/26/00
Priority Level: Referred to Removal, needs further Rmdl Asmt

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 10/10/00
Priority Level: Not reported

Action: ADMINISTRATIVE RECORDS
Date Started: Not reported
Date Completed: 07/16/04
Priority Level: Not reported

Action: ENGINEERING EVALUATION/COST ANALYSIS
Date Started: 08/28/00
Date Completed: 09/30/04
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 01/25/05
Priority Level: Not reported

FINDS:

Registry ID: 110009310771

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites,

ATLANTIC PHOSPHATE WORKS (Continued) **1001216998**

including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

AC92 **CHARLESTON COMMISSIONERS OF PUBLIC WORKS** **LUST** **U003878615**
South **2150 MILFORD ST** **N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.442 mi.
2333 ft. **Site 1 of 2 in cluster AC**

Relative:
Higher

Actual:
20 ft.

LUST:

Facility ID:	01497
Release Number:	1
Facility Status:	approved
Substance:	PETRO
Owner:	CHARLESTON COMMISSIONERS OF PUBLIC WORKS
NFA Date:	**02/19/09**
Date Confirmed:	08/24/94
Report Date:	12/31/91
Rank:	3BF

LUST DETAIL:

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
RP Name:	CHARLESTON WATER SYSTEM
RP Address:	103 ST PHILIP ST
RP City:	CHARLESTON
RP State:	SC
RP Zip:	29403
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	5
Ground Water Flow Direction:	NE
Project Manager:	PADGETT, JOEL P
Release Fin Type Code:	With SUPERB
SSTL Established Code:	Department

Release Date:	12/31/1991
Cleanup Complete Date:	Not reported
RP Name:	CHARLESTON CPW
RP Address:	103 ST PHILIP ST
RP City:	CHARLESTON
RP State:	SC
RP Zip:	29403

CHARLESTON COMMISSIONERS OF PUBLIC WORKS (Continued) **U003878615**

SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Release Date: 12/31/1991
Cleanup Complete Date: Not reported
RP Name: CHARLESTON COMMISSIONERS OF PUBLIC WORKS
RP Address: 103 ST PHILIP ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Release Date: 12/31/1991
Cleanup Complete Date: Not reported
RP Name: CHARLESTON WATER SYSTEM
RP Address: 103 ST PHILIP ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Release Date: 12/31/1991
Cleanup Complete Date: Not reported
RP Name: CHARLESTON CPW
RP Address: 103 ST PHILIP ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Release Date: 12/31/1991
Cleanup Complete Date: Not reported
RP Name: CHARLESTON COMMISSIONERS OF PUBLIC WORKS
RP Address: 103 ST PHILIP ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF

CHARLESTON COMMISSIONERS OF PUBLIC WORKS (Continued) **U003878615**

Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Release Date: 12/31/1991
Cleanup Complete Date: Not reported
RP Name: CHARLESTON WATER SYSTEM
RP Address: 103 ST PHILIP ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Release Date: 12/31/1991
Cleanup Complete Date: Not reported
RP Name: CHARLESTON CPW
RP Address: 103 ST PHILIP ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

Release Date: 12/31/1991
Cleanup Complete Date: Not reported
RP Name: CHARLESTON COMMISSIONERS OF PUBLIC WORKS
RP Address: 103 ST PHILIP ST
RP City: CHARLESTON
RP State: SC
RP Zip: 29403
SCRBCA Class Code: CLASS3BF
Depth to Ground Water: 5
Ground Water Flow Direction: NE
Project Manager: PADGETT, JOEL P
Release Fin Type Code: With SUPERB
SSTL Established Code: Department

AC93 **CHARLESTON COMMISSIONERS OF PUBLIC WORKS** **GWCI** **U004017702**
South **2150 MILFORD ST** **UST** **N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.452 mi.
2385 ft. **Site 2 of 2 in cluster AC**

Relative:
Higher

Actual:
19 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	01497
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	Yes
Remediation:	No
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 01497. RBCA Classification 3BF8. Awaiting Funding.

UST:

Facility ID:	1497
Owner:	CHARLESTON COMMISSIONERS OF PUBLIC WORKS
Owner Contact:	ROBERT HORNER
Owner Address:	103 ST PHILIP ST
Owner City,St,Zip:	CHARLESTON, SC
Owner Phone:	843-727-6800
Contact:	ROBERT HORNER
Contact Tel:	Not reported
Tank ID:	1
Capacity:	2000
Product:	Gasoline
Calcage:	10
Status:	**Abandoned**

CHARLESTON COMMISSIONERS OF PUBLIC WORKS (Continued) **U004017702**

Tank ID: 2
Capacity: 2000
Product: Diesel
Calcage: 10
Status: **Abandoned**

Tank ID: 3
Capacity: 1500
Product: Gasoline
Calcage: 10
Status: **Abandoned**

AD94 **PRESTRESS CONCRETE 3** **CERC-NFRAP** **1003014108**
ESE **CHERRY HILL LANE** **SCD982119471**
1/4-1/2 **CHARLESTON, SC 29405**
0.460 mi.
2431 ft. **Site 1 of 2 in cluster AD**

Relative:
Lower

Actual:
13 ft.

CERC-NFRAP:
Site ID: 0404647
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: RPM
Contact Name: Barbara Alfano
Contact Tel: (404) 562-8923

Contact Title: Not reported
Contact Name: Donna Bledsoe
Contact Tel: (404) 562-8778

Contact Title: RPM
Contact Name: Randall Chaffins
Contact Tel: (404) 562-8910

Contact Title: Not reported
Contact Name: Corey Diehl-Miller
Contact Tel: (404) 562-8738

Contact Title: NPL Coordinator
Contact Name: Cindy Gurley
Contact Tel: (404) 562-8817

Contact Title: RPM
Contact Name: Ralph Howard
Contact Tel: (404) 562-8829

Contact Title: Not reported
Contact Name: Felicia Jackson
Contact Tel: (404) 562-8894

Contact Title: RPM
Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793

PRESTRESS CONCRETE 3 (Continued) **1003014108**

Contact Title: RPM
Contact Name: William Joyner
Contact Tel: (404) 562-8795

Contact Title: RPM
Contact Name: Mike Norman
Contact Tel: (404) 562-8792

Contact Title: Not reported
Contact Name: Paul Wagner
Contact Tel: (404) 562-8792

Contact Title: Not reported
Contact Name: Beth Walden
Contact Tel: (404) 562-8814

Contact Title: Not reported
Contact Name: Donna Webster
Contact Tel: (404) 562-8870

Contact Title: Not reported
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

Contact Title: RPM
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: PRESTRESS CONCRETE, INC.
Alias Address: Not reported
CHARLESTON, SC

Alias Name: PRESTRESS CONCRETE/BRASWELL SHIPYARDS
Alias Address: Not reported
CHARLESTON, SC

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 10/02/1987
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 11/01/1988
Date Completed: 11/28/1988
Priority Level: NFRAP: No further Remedial Action planned

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 11/28/1988
Priority Level: Not reported

AD95 **PRESTRESS CONCRETE INC** **SHWS** **S105528199**
ESE **PITT ST / CHERRY HILL LN ON SHIP CREEK** **N/A**
1/4-1/2 **CHARLESTON, SC 29417**
0.467 mi.
2465 ft. **Site 2 of 2 in cluster AD**

Relative:
Lower

Actual:
12 ft.

SHWS:
EPA ID: SCD982119471

AB96 **SCE&G HAGOOD** **RCRA-CESQG** **1000842478**
SW **2200 HAGOOD ROAD** **FINDS** **SCD000822171**
1/4-1/2 **CHARLESTON, SC 29405** **SHWS**
0.467 mi. **GWCI**
2467 ft. **Site 2 of 2 in cluster AB** **ALLSITES**
AIRS

Relative:
Higher

Actual:
20 ft.

RCRA-CESQG:
Date form received by agency: 01/11/2010
Facility name: SCE&G HAGOOD STATION
Facility address: 2200 HAGOOD ST
CHARLESTON HEIGHTS, SC 29405
EPA ID: SCD000822171
Mailing address: HAGOOD ST
CHARLESTON HEIGHTS, SC 29405
Contact: MARK VALERIO
Contact address: BUSHY PARK RD
GOOSE CREEK, SC 29445
Contact country: US
Contact telephone: (843) 553-8671
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: SCE&G
Owner/operator address: SCANA PKWY
CAYCE, SC 29033
Owner/operator country: US
Owner/operator telephone: (803) 217-9000
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

SCE&G HAGOOD (Continued) **1000842478**

Owner/operator name: SCANA
Owner/operator address: SCANA PKWY
CAYCE, SC 29033
Owner/operator country: US
Owner/operator telephone: (803) 217-9000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 11/13/2009
Facility name: SCE&G HAGOOD STATION
Classification: Large Quantity Generator

Date form received by agency: 03/27/2002
Facility name: SCE&G HAGOOD STATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/02/1998
Facility name: SCE&G HAGOOD STATION

SCE&G HAGOOD (Continued) **1000842478**

Site name: SCE&G HAGOOD STA
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/14/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110001665083

Environmental Interest/Information System
Not reported

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CAMDBS (Clean Air Markets Division Business System) is a national information system that supports the implementation of market-based air pollution control programs administered by the Clean Air Markets Division, within the Office of Air and Radiation. These programs include the Acid Rain Program, established by Title IV of the Clean Air Act Amendments of 1990, and regional programs designed reduce the transport of ozone. These emissions trading programs allows regulated facilities (primarily electric utilities) to adopt the most cost-effective strategies to reduce emissions at their units. Units that reduce their emissions below the number of allowances they hold -- each allowance is equivalent to one ton of sulfur dioxide or nitrogen oxides -- may trade allowances with other units in their system, sell them to other utilities on the open market or through EPA

SCE&G HAGOOD (Continued) **1000842478**

auctions, or bank them to cover emissions in future years. CAMDBS functions include registering responsible officials, establishing allowance accounts, reporting hourly emissions data, and transferring allowances between accounts.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

US Emissions & Generation Resource Database (EGRID) contains data on emissions and resource mix for virtually every power plant and company that generates electricity in the United States.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US EPA RACT/BACT/LAER Clearinghouse (RBLC) database contains case-specific information on the "Best Available" air pollution technologies that have been required to reduce the emission of air pollutants from stationary sources (e.g., power plants, steel mills, chemical plants, etc.). RACT, or Reasonably Available Control Technology, is required on existing sources in areas that are not meeting national ambient air quality standards. BACT, or Best Available Control Technology, is required on major new or modified sources in clean areas. LAER, or Lowest Achievable Emission Rate, is required on major new or modified sources in non-attainment areas.

SHWS:
EPA ID: SCD000822171

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD000822171
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	50681
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	METALS
Petroleum Products:	False
Volatile Organic Compounds:	False
Metals:	True
Nitrates or Potential to Nitrate:	False

SCE&G HAGOOD (Continued) **1000842478**

Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	PPL
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	True
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	YES
Remediation:	YES
Surface Impact:	YES
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 50681. In monitoring and remediation phases. Plume is discharging to Ashley River.

ALLSITES:

Brownfield:	No
Brownfield Type:	Not reported
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	Yes
Lat:	32.82681692
Long:	-79.95629139
Impacted Media:	Soil Contamination S/W - Sed. Contamination G/W Contamination arsenic (1400 ppm), lead (93,000 ppm) sediment: arsenic (1200 ppm), lead (8900 ppm) arsenic (3.3 ppm), lead (8 ppm)

AIRS:

Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	ACROLEIN
Estimated Emissions (Tons/Yr):	0.000000463
Operate Status:	operating
Year Inv:	2003

SCE&G HAGOOD (Continued) **1000842478**

Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	SULFUR DIOXIDE
Estimated Emissions (Tons/Yr):	34.50366
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	CARBON MONOXIDE
Estimated Emissions (Tons/Yr):	0.444356
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	CADMIUM & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.00062
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	NAPHTHALENE

SCE&G HAGOOD (Continued) **1000842478**

Estimated Emissions (Tons/Yr):	0.004553
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	FLUORENE
Estimated Emissions (Tons/Yr):	0.000000369
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	VOLATILE ORGANIC COMPOUNDS
Estimated Emissions (Tons/Yr):	0.124344
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	PARTICULATE MATTER (TOTAL)
Estimated Emissions (Tons/Yr):	1.555866
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111

SCE&G HAGOOD (Continued) **1000842478**

State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	PM (LESS THAN 2.5 MICRONS)
Estimated Emissions (Tons/Yr):	0.934162
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	PM (LESS THAN 10 MICRONS)
Estimated Emissions (Tons/Yr):	0.934162
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	LEAD & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.001765
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	NITROGEN DIOXIDE
Estimated Emissions (Tons/Yr):	21.15571
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240

SCE&G HAGOOD (Continued) **1000842478**

Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	MANGANESE & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.102193
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	MERCURY & COMPOUNDS
Estimated Emissions (Tons/Yr):	0.000158
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	CHROMIUM COMPOUNDS
Estimated Emissions (Tons/Yr):	0.001394
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	CARBON DIOXIDE
Estimated Emissions (Tons/Yr):	20284.14
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD

SCE&G HAGOOD (Continued) **1000842478**

Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	PHENANTHRENE
Estimated Emissions (Tons/Yr):	0.000000371
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	ACETALDEHYDE
Estimated Emissions (Tons/Yr):	0.0000126
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	METHANE
Estimated Emissions (Tons/Yr):	0.000622
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	FLUORANTHENE
Estimated Emissions (Tons/Yr):	0.0000000961
Operate Status:	operating
Year Inv:	2003

SCE&G HAGOOD (Continued) **1000842478**

Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	CHRYSENE
Estimated Emissions (Tons/Yr):	0.00000000446
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	FORMALDEHYDE
Estimated Emissions (Tons/Yr):	0.036298
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	BENZENE
Estimated Emissions (Tons/Yr):	0.007074
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	BENZ(A)ANTHRACENE

SCE&G HAGOOD (Continued) **1000842478**

Estimated Emissions (Tons/Yr):	0.0000000212
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	PYRENE
Estimated Emissions (Tons/Yr):	0.0000000604
Operate Status:	operating
Year Inv:	2003
Emissions Contact:	JACK W PRESTON
Contact Telephone:	8032179849
Mail Address:	6248 BUSH RIVER RD
Mailing City:	COLUMBIA
Mail State:	SC
Mail Zip:	292123240
Latitude/Longitude:	324935 / 795745
Source Industrial Code (Sic):	4911
Naics Code:	221111
State Permit Number:	0560-0029
State Permit Type:	TITLEV
Pollutant Description:	ANTHRACENE
Estimated Emissions (Tons/Yr):	0.0000000236

AE97 **DREWS** **GWCI U003621132**
SSE **1705 MEETING ST** **RCR N/A**
1/4-1/2 **CHARLESTON, SC 29413** **LUST**
0.473 mi. **UST**
2500 ft. **Site 1 of 2 in cluster AE**

Relative:
Higher

Actual:
22 ft.

SC GWIC:

Bureau:	BLWM
EAP ID:	Not reported
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	14369
WPC Permit:	Not reported
Program:	DUST
Contamination:	PETRO
Petroleum Products:	True
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	UST
Underground Storage Tanks:	True

DREWS (Continued) **U003621132**

Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	No
Monitoring:	No
Remediation:	Yes
Surface Impact:	No
Drinking Water Well Impact:	No
Remarks:	Site ID # 14369. RBCA Classification 3BF7. Approved Monitored Natural Attenuation (MNA Awaiti.

RCR:

Entity Responsibility:	R R Drews
Region:	7
Tax Id:	55-9059-000
Latitude:	32.824001
Longitude:	-79.952255
Tracking Number:	14369
Regulatory Program:	UST
Unit Type:	UST
Unit Number/Letter:	1
Area/Acres:	Not reported
Affected Media:	Groundwater
Site/Unit:	Regulated Petroleum Underground Storage Tank Location
Condtions:	Public Noticed Corrective Action Plan
Associated Response/Corrective Action:	Not reported
Associated Chemicals Requiring:	Benzene Naphthalene

LUST:

Facility ID:	14369
Release Number:	1
Facility Status:	approved
Substance:	PETRO
Owner:	R DREWS
NFA Date:	**10/12/98**
Date Confirmed:	03/23/92
Report Date:	12/23/91
Rank:	3BF

LUST DETAIL:

Release Date:	12/23/1991
Cleanup Complete Date:	Not reported
RP Name:	DREWS
RP Address:	2 NUFFIELD RD
RP City:	CHARLESTON
RP State:	SC
RP Zip:	29407
SCRBCA Class Code:	CLASS3BF
Depth to Ground Water:	2
Ground Water Flow Direction:	NE

DREWS (Continued) **U003621132**

Project Manager: COOKE, JAN T
Release Fin Type Code: DHEC SUPERB with State Lead
SSTL Established Code: Department

UST:
Facility ID: 14369
Owner: DREWS
Owner Contact: Not reported
Owner Address: 2 NUFFIELD RD
Owner City,St,Zip: CHARLESTON, SC
Owner Phone: 843-556-9523
Contact: Not reported
Contact Tel: Not reported

Tank ID: 1
Capacity: 2000
Product: Diesel
Calcage: Not reported
Status: **Pre 1974**

Tank ID: 2
Capacity: Not reported
Product: Gasoline
Calcage: Not reported
Status: **Pre 1974**

AE98 **PORT OIL DIVISION** **FINDS 1007238247**
SE **1766 MEETING ST** **LUST N/A**
1/4-1/2 **CHARLESTON, SC 29405**
0.478 mi.
2524 ft. **Site 2 of 2 in cluster AE**

Relative: Higher

Actual: 22 ft.

FINDS:

Registry ID: 110017097808

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

LUST:
Facility ID: 01814
Release Number: 1
Facility Status: conduct invest/risk assessment
Substance: PETROL
Owner: SPEEDWAY SUPERAMERICA LLC
NFA Date: **01/08/07**
Date Confirmed: 09/15/03
Report Date: 06/05/03

PORT OIL DIVISION (Continued) **1007238247**

Rank: 5B

LUST DETAIL:
Release Date: 6/5/2003
Cleanup Complete Date: 12/13/2006
RP Name: MARATHON ASHLAND PETROLEUM LLC
RP Address: 539 S MAIN ST
RP City: FINDLAY
RP State: OH
RP Zip: 45840
SCRBCA Class Code: CLASS5B
Depth to Ground Water: 2.8999999999999999
Ground Water Flow Direction: Not reported
Project Manager: BRINEY, STEPHANIE M
Release Fin Type Code: Qualifies for Fund with Deductible
SSTL Established Code: Not reported

99
ESE
1/4-1/2
0.483 mi.
2551 ft.

WR GRACE AND CO **CERCLIS** **1000236471**
1820 HARMON ST **RCRA-CESQG** **SCD003343191**
CHARLESTON, SC 29405 **FINDS**
SHWS
GWCI

Relative:
Higher

Actual:
22 ft.

CERCLIS:
Site ID: 0403234
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Other Cleanup Activity: Private Party-Lead Cleanup

CERCLIS Site Contact Name(s):
Contact Name: Corey Hendrix
Contact Tel: (404) 562-8738
Contact Title: Site Assessment Manager (SAM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Remedial Project Manager (RPM)

Contact Name: Ralph Howard
Contact Tel: (404) 562-8829
Contact Title: Remedial Project Manager (RPM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793
Contact Title: Remedial Project Manager (RPM)

Contact Name: Mike Norman
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

WR GRACE AND CO (Continued) **1000236471**

Contact Name: Paul Wagner
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):
Alias Name: GRACE, W.R. & CO, AG CHEM GROUP
Alias Address: Not reported
CHARLESTON, SC
Site Description: Not reported

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/01/81
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/01/82
Priority Level: Low priority for further assessment

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 12/05/90
Priority Level: Low priority for further assessment

RCRA-CESQG:
Date form received by agency: 02/25/2008
Facility name: WR GRACE AND CO
Site name: WR GRACE AND COMPANY AGRICULTURE CHEM
Facility address: 1820 HARMON ST
CHARLESTON, SC 29405
EPA ID: SCD003343191
Mailing address: WHITTEMORE AVE
CAMBRIDGE, MA 02140
Contact: PAUL BUCENS
Contact address: WHITTEMORE AVE
CAMBRIDGE, MA 02140
Contact country: US
Contact telephone: (617) 498-2667
Contact email: Not reported
EPA Region: 04
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

WR GRACE AND CO (Continued) **1000236471**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET
	OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	WR GRACE AND COMPANY
Owner/operator address:	OWNERSTREET
	OWNERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	02/25/2008
Facility name:	WR GRACE AND CO
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	01/01/2008
Facility name:	WR GRACE AND CO
Site name:	W R GRACE & CO
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency: 11/02/1998

WR GRACE AND CO (Continued) **1000236471**

Facility name: WR GRACE AND CO
Site name: WR GRACE AND COMPANY AGRICULTURE CHEM
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D013
Waste name: LINDANE

Waste code: D015
Waste name: TOXAPHENE

Waste code: D031
Waste name: HEPTACHLOR (AND ITS EPOXIDE).

Biennial Reports:

Last Biennial Reporting Year: 2009

Annual Waste Handled:
Waste code: D013
Waste name: LINDANE
Amount (Lbs): 0

Waste code: D015
Waste name: TOXAPHENE
Amount (Lbs): 0

Waste code: D031
Waste name: HEPTACHLOR (AND ITS EPOXIDE).
Amount (Lbs): 0

Violation Status: No violations found

FINDS:

Registry ID: 110002100486

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

WR GRACE AND CO (Continued) **1000236471**

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

SHWS:
EPA ID: SCD003343191

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD003343191
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	20111
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	VOC, PEST/HERB
Petroleum Products:	False
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	True
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L, LF
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	True
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	YES
Monitoring:	YES
Remediation:	YES
Surface Impact:	YES
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 20111. Remediation is complete; long term monitroing has begun.

100
SSW
1/4-1/2
0.491 mi.
2591 ft.

COLUMBIA NITROGEN
WEST END OF MILFORD ST
CHARLESTON, SC 29405

CERCLIS **1000984193**
FINDS **SC0001040393**
SHWS
GWCI

Relative:
Higher

Actual:
15 ft.

CERCLIS:

Site ID:	0406325
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Status Not Specified

CERCLIS Site Contact Name(s):

Contact Name:	Ken Mallary
Contact Tel:	(404) 562-8802
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Richard Campbell
Contact Tel:	(404) 562-8825
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Corey Hendrix
Contact Tel:	(404) 562-8738
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Craig Zeller
Contact Tel:	(404) 562-8827
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Ralph Howard
Contact Tel:	(404) 562-8829
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Craig Zeller
Contact Tel:	(404) 562-8827
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Yvonne Jones
Contact Tel:	(404) 562-8793
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Mike Norman
Contact Tel:	(404) 562-8792
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	William Joyner
Contact Tel:	(404) 562-8795
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Paul Wagner
Contact Tel:	(404) 562-8792
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Donna Seadler
Contact Tel:	(404) 562-8870
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Ken Lucas
Contact Tel:	(404) 562-8953

COLUMBIA NITROGEN (Continued) **1000984193**

Contact Title: Remedial Project Manager (RPM)

Site Description: Removed SF Alt non-npl status - this site does not meet the threshold criteria (Dawn Taylor 7/2/08) ABANDONED FERTILIZER PLANT NORTH OF KOPPERS NPL SITE. SAMPLING FROM KOPPERS RI AND PRP SAMPLING HAS SHOWN HIGH LEVELS O F LEAD AND ARSENIC ON SITE ABOVE 10,000 PPM AND MARSH INTERSTITIAL WATER PH OF 2. SITE IS ON THE SHORE OF THE A2835809ABANDONED FERTILIZER PLANT NORTH OF KOPPERS NPL SITE. SAMPLING FROM KOPPERS RI AND PRP SAMPLING HAS SHOWN HIGH LEVELS OF LEAD AND ARSENIC ON SITE ABOVE 10,000 PPM AND MARSH INTERSTITIAL WATER PH OF 2. SITE IS ON THE SHORE OF THE ASHLEY R.

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 01/22/95
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/29/97
Priority Level: Higher priority for further assessment

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 09/29/97
Priority Level: Higher priority for further assessment

Action: EXPANDED SITE INSPECTION
Date Started: 07/27/98
Date Completed: 04/08/99
Priority Level: Recommended for HRS Scoring

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: Not reported
Date Completed: 03/12/02
Priority Level: Being considered for proposal to the NPL

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 07/30/03
Priority Level: Not reported

Action: ISSUE REQUEST LETTERS (104E)
Date Started: Not reported
Date Completed: 05/27/04
Priority Level: Not reported

Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 02/19/99
Date Completed: Not reported
Priority Level: Not reported

FINDS:

Registry ID: 110009262449

COLUMBIA NITROGEN (Continued) **1000984193**

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

SHWS:
EPA ID: SC0001040393

SC GWIC:

Bureau:	BLWM
EAP ID:	SC0001040393
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	50471
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	METALS
Petroleum Products:	False
Volatile Organic Compounds:	False
Metals:	True
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	OTHER
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	False
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	True
Sources of Contamination Undetermined:	False
Assessment:	YES
Monitoring:	YES
Remediation:	NO
Surface Impact:	YES
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 50471. In assessment and monitoring phases. Plume is discharging to Ashley River.

101
WNW
1/2-1
0.525 mi.
2770 ft.

WHITE POINT SERVICES/DRYCLEANING STATION
2960 RIVERS AVE
N CHARLESTON, SC 29405

SHWS **S108953935**
N/A

Relative:
Lower

Actual:
12 ft.

SHWS:
EPA ID: SCDRY0057168

AF102
South
1/2-1
0.526 mi.
2779 ft.

KOPPERS CO/TREATING PLANT
#3 BRASWELL STREET
CHARLESTON, SC 29402

SHWS **S103245574**
ALLSITES **N/A**
BROWNFIELDS

Site 1 of 4 in cluster AF

Relative:
Higher

Actual:
19 ft.

SHWS:
EPA ID: SCD980310239

ALLSITES:
Brownfield: No
Brownfield Type: Not reported
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: 32.8236934
Long: -79.95381945
Impacted Media: Soil Contamination S/W - Sed. Contamination G/W Contamination PAHs, Pentaclorphenol, Arsenic, Lead, BAP PAHs, Lead PAHs, Penta, BTEX

SC BROWNFIELD:

Contract Number:	08-CC-HW
Contract Type:	NRP
File Number:	51717
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	2.1699999999999999
Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	MICHAEL COSTA
Status Code:	ACTIVE
IC Received:	2008-03-27 00:00:00
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	2008-09-02 00:00:00
Date Terminated:	Not reported

AF103 **KOPPERS CO., INC. (CHARLESTON PLANT)** **NPL** **1000346504**
South **CHARLESTON HEIGHTS** **CERCLIS** **SCD980310239**
1/2-1 **CHARLESTON, SC 29405** **US ENG CONTROLS**
0.536 mi. **US INST CONTROL**
2829 ft. **Site 2 of 4 in cluster AF** **ROD**
FINDS
Relative: **GWCI**
Higher

Actual: NPL:
19 ft.

EPA ID:	SCD980310239
EPA Region:	04
Federal:	N
Final Date:	1994-12-16 00:00:00

Category Details:

NPL Status:	Currently on the Final NPL
Category Description:	Surface Water Adjacent To Site-Other-Unknown
Category Value:	WETLAND

Site Details:

Site Name:	KOPPERS CO., INC. (CHARLESTON PLANT)
Site Status:	Final
Site Zip:	29405
Site City:	CHARLESTON
Site State:	SC
Federal Site:	No
Site County:	CHARLESTON
EPA Region:	04
Date Proposed:	02/07/92
Date Deleted:	Not reported
Date Finalized:	12/16/94

Substance Details:

NPL Status:	Currently on the Final NPL
Substance ID:	U050
Substance:	CHRYSENE
CAS #:	218-01-9
Pathway:	SURFACE WATER PATHWAY
Scoring:	2

NPL Status:	Currently on the Final NPL
Substance ID:	U120
Substance:	BENZO(J,K)FLUORENE
CAS #:	206-44-0
Pathway:	SURFACE WATER PATHWAY
Scoring:	2

NPL Status:	Currently on the Final NPL
Substance ID:	U165
Substance:	NAPHTHALENE
CAS #:	91-20-3
Pathway:	SURFACE WATER PATHWAY
Scoring:	2

NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A020
Substance: CHROMIUM AND COMPOUNDS
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C013
Substance: ANTHRACENE
CAS #: 120-12-7
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C178
Substance: COPPER AND COMPOUNDS
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C247
Substance: ZINC AND COMPOUNDS
CAS #: Not reported
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C251
Substance: DIBENZOFURAN
CAS #: 132-64-9
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C334
Substance: ACENAPHTHENE
CAS #: 83-32-9
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: C385
Substance: PYRENE
CAS #: 129-00-0
Pathway: SURFACE WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U018
Substance: BENZ(A)ANTHRACENE
CAS #: 56-55-3
Pathway: SURFACE WATER PATHWAY

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U022
Substance: BENZO(A)PYRENE
CAS #: 50-32-8
Pathway: SURFACE WATER PATHWAY
Scoring: 4

Summary Details:

Conditions at Proposal February 7, 1992): A milling, wood-preserving, and pole storage facility operated in the Charleston Heights District of Charleston, Charleston County, South Carolina, between 1925-78. Koppers, Inc. operated the facility between 1945 and 1978. The 102-acre site is in a mixed industrial/residential area. It is bordered on the west by Ashley River, and on the north and south by industrial facilities. Approximately 94,000 people live within 4 miles of the site.Sources of ha ardous substances on the site include a pit where timbers were soaked in creosote wood preservative, the drip pad area where the timbers were stored, and a bermed area that received contaminated sediment from canal dredging on thesite. Southern Dredging Co. leased part of the site in 1978 after wood-preserving operations had stopped. In 1984, the company dredged a canal from the Ashley River, intersecting a waste disposal area. Dredged materials were placed in the bermedarea. EPA tests conducted in 1988 detected numerous polynuclear aromatic hydrocarbons PAHs), which are constituents of creosote, in soil in all three sources. Runoff from all three sources enters the Ashley River. The 1988 tests found PAHs,chromium, copper, and inc metals typically used in wood preservatives) in sediment samples from the canal and the Ashley River. Wetlands are adjacent to the site, and wetlands to the west and southwest are a State wildlife sanctuary. The Ashley River and Charleston Harbor support recreational and commercial fishing, and serve as important breeding and nursery habitats for a variety of marine finfish and shellfish. Status December 1994): Bea er East, Inc., formerly Koppers Co.,entered into an Administrative Order by Consent with EPA Region 4 on January 14, 1993 for the performance of an Remedial Investigation and Feasibility Study RI/FS) at the Site. The results of the RI are scheduled to be released to the public in early 1995. Interim Measures will also be proposed to the public at this time to mitigate off-site migration of the site contaminants from the former treatment area to surface waters and subsequently the sensitive Northern marsh areas. The description of the site release) is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991 or subsequent FR notices.)

Site Status Details:

NPL Status: Final
Proposed Date: 02/07/1992
Final Date: 12/16/1994
Deleted Date: Not reported

Narratives Details:

NPL Name: KOPPERS CO., INC. (CHARLESTON PLANT)
City: CHARLESTON
State: SC

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

CERCLIS:
Site ID: 0403350
Federal Facility: Not a Federal Facility
NPL Status: Currently on the Final NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):
Contact Name: Corey Hendrix
Contact Tel: (404) 562-8738
Contact Title: Site Assessment Manager (SAM)

Contact Name: Samantha UrquhartF
Contact Tel: (404) 562-8760
Contact Title: Remedial Project Manager (RPM)

Contact Name: DON RIGGER
Contact Tel: (404) 347-3931
Contact Title: On-Scene Coordinator (OSC)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Remedial Project Manager (RPM)

Contact Name: Ralph Howard
Contact Tel: (404) 562-8829
Contact Title: Remedial Project Manager (RPM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793
Contact Title: Remedial Project Manager (RPM)

Contact Name: Mike Norman
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

Contact Name: Paul Wagner
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):
Alias Name: KOPPERS CO/TREATING PLT
Alias Address: Not reported
CHARLESTON, SC
Alias Name: KOPPERS CO., INC. (CHARLESTON PLANT)

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Alias Address: CHAS HEIGHTS
CHARLESTON, SC 29405
Alias Name: KOPPERS CO., INC. (CHARLESTON PLANT)
Alias Address: CHARLESTON HEIGHTS
CHARLESTON, SC 29405

Site Description: The Koppers Co., Inc. site is located north of downtown Charleston on the west side of the peninsula formed by the Ashley and Cooper Rivers. The 102-acre site consists of a number of parcels of property that currently contain a variety of commercial operations. Present land use surrounding the site to the north, south, and east consists of a mixture of industrial, commercial and residential properties. The Ashley River borders the site to the west. The total resident, student and worker population within a 4-mile radius of the site is approximately 150,000. Wood-treating operations at the site began in the early 1900s, in the eastern portion of the site. Koppers acquired the property in 1940 and continued to operate it as a wood-treating facility until 1977 when wood-treating operations ceased. In 1988, BNS Acquisitions, Inc. acquired the outstanding common stock of Koppers Co., Inc., merging with Koppers Company, Inc., and assuming the name Koppers Company Inc., in 1989. The company underwent a name change to Beazer Materials and Services, Inc. and in 1990, that name was changed to Beazer East, Inc. Koppers wood-treating operations consisted primarily of treating raw lumber and utility poles with creosote. Pentachlorophenol and copper chromium arsenate (CCA) were also used as preservatives in the wood-treating process. The site treated approximately 200,000 cubic feet of wood/per month. The majority of the wood-treating activities were conducted in the eastern portion of the site, now identified as the former treatment area. In the former treatment area, Koppers maintained numerous above-ground storage tanks for the storage of wood-preservatives. The tank farm area in the northeastern corner of the former treatment area contained six above-ground storage tanks ranging in size from 50,000 to 650,000 gallons. The Former Treatment Area was used by several companies following Koppers Company operations. Pepper Industries stored ship bilge and tank wastes while Fed-Serv Industries used the same area to store waste oil in the early 1980s. Braswell Shipyards notified the State in 1982 that tanks on Pepper Industries property were leaking. Pepper Industries had previously abandoned the property, but signed an Administrative Order on Consent (AOC) with the U.S. Environmental Protection Agency (EPA) and Koppers (who paid for half of the cleanup effort) to begin cleanup. In January 1987, Pepper went bankrupt and ceased all cleanup operations. The State found numerous releases of waste oil released from storage tanks in the Tank Farm Area leased by Fed Serv Industries. In 1984, permission was obtained from the U.S. Army Corp of Engineers to dredge a barge canal 1000 feet inward from the Ashley River. Slurry material from the dredging operation was deposited into a bermed spoils area. The dredging operation uncovered buried creosoted wood poles which then contaminated Ashley River and led to fish kills. In 1985, an AOC was issued by EPA for Fed Serv, Koppers and other entities in order to initiate emergency response activities at the former Tank Farm Area. The site was proposed to the National Priorities List (NPL) in February 1992 and became Final on the NPL in December 1994. In January 1993, a Site-wide Remedial Investigation/Feasibility Study (RI/FS) was initiated under an AOC with EPA. An Interim Action Record of Decision (ROD) was issued by EPA on March 29, 1995. An Interim Action ROD addressing operable unit 1 (OU1) was completed in March 1995. The Interim Action ROD was a source control effort that involved several components designed to eliminate off-site migration of non-aqueous phase liquid (NAPL) via surface water conveyances and shallow groundwater in close proximity to the Former Treatment Area. Physical reconstruction and rehabilitation of the Milford Street and Hagood Avenue drainage systems was completed in 1997. Six shallow NAPL extraction wells

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

installed along Milford Street and two intermediate NAPL extraction wells installed near the former pressure vessels continue to operate to meet the objectives of the Interim Action ROD. A ROD was signed in April 1998. A Final ROD addressing OU1 was completed in April 1998. The Final Site-wide remedy was issued by EPA in the ROD dated April 29, 1998. The ROD specified a multi-media response action to address surface/subsurface soil, sediments of drainage ditches, groundwater and NAPL, surface water, contaminant transport pathways, and sediments of the Ashley River, Barge Canal, and North/South/Northwest Tidal Marshes. An Explanation of Significant Differences (ESD) addressing OU1 was completed in August 2001. A second ESD addressing OU1 was completed in April 2003. This ESD modified the remedies for Ashley River and Barge Canal sediments, and the NAPL at Northwest Corner.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	11/01/79
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	06/01/80
Priority Level:	Low priority for further assessment
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	03/31/86
Priority Level:	Higher priority for further assessment
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	Not reported
Date Completed:	07/16/90
Priority Level:	Being considered for proposal to the NPL
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	02/07/92
Priority Level:	Not reported
Action:	REMOVAL ASSESSMENT
Date Started:	12/31/92
Date Completed:	12/31/92
Priority Level:	Not reported
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	06/26/92
Date Completed:	01/14/93
Priority Level:	Not reported
Action:	ADMINISTRATIVE ORDER ON CONSENT
Date Started:	Not reported
Date Completed:	01/14/93
Priority Level:	Not reported
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	Not reported
Date Completed:	12/16/94
Priority Level:	Not reported

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 03/29/95
Priority Level: Not reported

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 04/13/95
Date Completed: 05/22/95
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 05/22/95
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 06/05/95
Date Completed: 03/25/96
Priority Level: Not reported

Action: Lodged By DOJ
Date Started: Not reported
Date Completed: 03/25/96
Priority Level: Not reported

Action: CONSENT DECREE
Date Started: 10/11/95
Date Completed: 04/09/96
Priority Level: Not reported

Action: OPERATIONS AND MAINTENANCE
Date Started: Not reported
Date Completed: 11/13/97
Priority Level: Higher priority for further assessment

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 01/14/93
Date Completed: 04/29/98
Priority Level: Not reported

Action: RECORD OF DECISION
Date Started: Not reported
Date Completed: 04/29/98
Priority Level: Final Remedy Selected at Site

Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/24/98
Date Completed: 01/13/99
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 01/20/99
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Date Started: 01/29/99
Date Completed: 01/29/99
Priority Level: Higher priority for further assessment

Action: ADMINISTRATIVE RECORDS
Date Started: 01/18/95
Date Completed: 04/05/99
Priority Level: Admin Record Compiled for a Remedial Event

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 08/04/99
Priority Level: Not reported

Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/29/95
Date Completed: 09/30/00
Priority Level: Not reported

Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 08/08/01
Priority Level: Not reported

Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: Not reported
Date Completed: 08/21/02
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: 10/31/02
Date Completed: 01/10/03
Priority Level: Not reported

Action: Explanation Of Significant Differences
Date Started: Not reported
Date Completed: 04/24/03
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 03/25/96
Date Completed: 09/22/03
Priority Level: Final RA Report

Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 01/06/99
Date Completed: 09/22/03
Priority Level: Final RA Report

Action: PRELIMINARY CLOSE-OUT REPORT PREPARED
Date Started: Not reported
Date Completed: 09/25/03
Priority Level: Not reported

Action: FIVE-YEAR REVIEW
Date Started: Not reported
Date Completed: 06/04/08

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Priority Level: Not reported

US ENG CONTROLS:
EPA ID: SCD980310239
Site ID: 0403350
Name: KOPPERS CO., INC. (CHARLESTON PLANT)
Address: CHARLESTON HEIGHTS
CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported
Actual Date: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 8/8/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Debris
Engineering Control: Cap

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 8/8/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Debris
Engineering Control: Monitoring

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 8/8/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 8/8/2001
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Monitoring

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 4/24/2003
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 4/24/2003

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Cap

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 4/24/2003
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: No Action

Action ID: 002
Action Name: Explanation Of Significant Differences
Action Completion date: 4/24/2003
Planned Complet. date: Not reported
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Solidification/ Stabilization

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Containment, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Drainage Ditch

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Hydraulic Control

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Other
Engineering Control: Containment, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Other
Engineering Control: Discharge

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Other
Engineering Control: Drainage Ditch

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Other
Engineering Control: Hydraulic Control

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Other
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Contaminated Media : Sediment
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Other, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 3/29/1995
Planned Complet. date: 3/30/1995
Operable Unit: 01
Contaminated Media : Surface Water
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Containment, (N.O.S.)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Groundwater

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Engineering Control: Other, (N.O.S.)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Treatment, (N.O.S.)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Bioremediation (In-Situ)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Cap

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Engineering Control, (N.O.S.)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Monitoring

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Other, (N.O.S.)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Physical Separation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Population Relocation, Returned

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Revegetation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Air Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Bioremediation (In-Situ)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap

Action ID: 002

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Recovery Wells

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 4/29/1998
Planned Complet. date: 4/30/1998
Operable Unit: 01
Contaminated Media : Surface Water
Engineering Control: Drainage Ditch

US INST CONTROL:
EPA ID: SCD980310239
Site ID: 0403350
Name: KOPPERS CO., INC. (CHARLESTON PLANT)
Action Name: RECORD OF DECISION
Address: CHARLESTON HEIGHTS
CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported
Inst. Control: Institutional Controls, (N.O.S.)
Actual Date: Not reported
Complet. Date: 4/29/1998
Operable Unit: 01
Contaminated Media : Soil

EPA ID: SCD980310239
Site ID: 0403350
Name: KOPPERS CO., INC. (CHARLESTON PLANT)
Action Name: RECORD OF DECISION
Address: CHARLESTON HEIGHTS
CHARLESTON, SC 29405
EPA Region: 04
County: CHARLESTON
Event Code: Not reported

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Inst. Control: Land Use Restriction
Actual Date: Not reported
Complet. Date: 4/29/1998
Operable Unit: 01
Contaminated Media : Soil

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

FINDS:

Registry ID: 110009311039

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SC GWIC:

Bureau:	BLWM
EAP ID:	SCD980310239
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	51717
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	PETRO, VOC
Petroleum Products:	True
Volatile Organic Compounds:	True
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False

KOPPERS CO., INC. (CHARLESTON PLANT) (Continued) **1000346504**

Source:	S/L
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	YES
Remediation:	YES
Surface Impact:	YES
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 51717. In monitoring and remediation phases. Plume is discharging to Ashley River.

AF104 **KOPPERS/SQUIRE** **SHWS** **S108664276**
South **1951 MILFORD ST** **RCR** **N/A**
1/2-1 **CHARLESTON, SC 29402** **VCP**
0.539 mi. **BROWNFIELDS**
2848 ft. **Site 3 of 4 in cluster AF**

Relative: Higher

SHWS:
EPA ID: SCS123457088

Actual: 21 ft.

RCR:

Entity Responsibility:	Not reported
Region:	7
Tax Id:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tracking Number:	SCS123457088
Regulatory Program:	CERCLA VCP NRP (Brownfields)
Unit Type:	Not reported
Unit Number/Letter:	Not reported
Area/Acres:	Not reported
Affected Media:	Not reported
Site/Unit:	Property is part of former 120 acre Koppers wood treating facility site. Area of subject site housed AST farm for bulk storage of creosote. Property being purchased by Ashley II of Charleston.
Condtions:	Not reported
Associated Response/Corrective Action:	Not reported
Associated Chemicals Requiring:	Not reported

VCP:

Entity Resp for Conditional Remedy:	Not reported
Region:	7
Tax Map Id:	Not reported
Latitutde:	Not reported
Longitude:	Not reported
Tracking Num:	SCS123457088
Regulatory Program:	CERCLA VCP NRP (Brownfields)
Contract #:	Not reported

KOPPERS/SQUIRE (Continued) **S108664276**

Old Contract #: Not reported
Company Name: Not reported
Acreage: Not reported
Exec Date: Not reported
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Not reported
File Number: Not reported

SC BROWNFIELD:
Contract Number: CA -07- HW
Contract Type: NRP
File Number: 51717
Contract Manager: GORMAN, ANGELA K
Person Company: ASHLEY II OF CHARLESTON LLC
Primary Address1: CHEROKEE INVESTMENT SERVICES LLC
Primary Address2: 111 E HARGETT ST STE 300
Primary City: RALEIGH
Primary State Code: NC
Primary Zip Code: Not reported
Type Brownfield: Hazardous Substances
Acreage: 1.01
Contract Executed: Not reported
COC Date Issued: Not reported
RC Executed: Not reported
Contact: MICHAEL COSTA
Status Code: ACTIVE
IC Received: 2007-04-04 00:00:00
Workplan Due: Not reported
Workplan Received: Not reported
Workplan Reviewed: Not reported
Workplan Approved: Not reported
Report Received: Not reported
Report Reviewed: Not reported
Report Approved: Not reported
Cap Approved: Not reported
Contract Mailed: 2007-06-04 00:00:00
Date Terminated: Not reported

Contract Number: CA -07- HW
Contract Type: NRP
File Number: 51717
Contract Manager: GORMAN, ANGELA K
Person Company: MAGNOLIA DEVELOPMENT LLC
Primary Address1: 1601 OCEANIC ST
Primary Address2: Not reported
Primary City: CHARLESTON
Primary State Code: SC
Primary Zip Code: Not reported
Type Brownfield: Hazardous Substances
Acreage: 1.01
Contract Executed: Not reported
COC Date Issued: Not reported
RC Executed: Not reported
Contact: MICHAEL COSTA
Status Code: ACTIVE
IC Received: 2007-04-04 00:00:00

KOPPERS/SQUIRE (Continued) **S108664276**

Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	2007-06-04 00:00:00
Date Terminated:	Not reported

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105 ESE 1/2-1 0.545 mi. 2879 ft. **MACALLOY CORPORATION** **SHWS 1010385313**
1800 PITTSBURGH AVE **BROWNFIELDS N/A**
CHARLESTON, SC, SC 29402

Relative: Lower

Actual: 6 ft.

SHWS:
EPA ID: SCD003360476

SC BROWNFIELD:

Contract Number:	05-06-HW
Contract Type:	NRP
File Number:	50944
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON
Primary Address1:	BRANCH PROPERTIES
Primary Address2:	3340 PEACHTREE RD STE 2050
Primary City:	ATLANTA
Primary State Code:	GA
Primary Zip Code:	30326
Type Brownfield:	Hazardous Substances
Acreage:	141.30000000000001
Contract Executed:	2005-03-08 00:00:00
COC Date Issued:	2006-07-06 00:00:00
RC Executed:	2006-05-26 00:00:00
Contact:	RICHARD LEE
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	2005-03-08 00:00:00
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

Contract Number:	NEW CONTRACT NUMBER.
Contract Type:	NRP
File Number:	50944
Contract Manager:	GORMAN, ANGELA K
Person Company:	SHIPYARD CREEK ASSOCIATES LLC
Primary Address1:	SHIPYARD CREEK ASSOCIATES LLC
Primary Address2:	3340 PEACHTREE RD STE 2050

MACALLOY CORPORATION (Continued) **1010385313**

Primary City:	ATLANTA
Primary State Code:	GA
Primary Zip Code:	30326
Type Brownfield:	Hazardous Substances
Acreage:	Not reported
Contract Executed:	Not reported
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	c/o Branch Properties
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

AF106 **KOPPERS/PAPER STOCK** **SHWS** **S108476470**
South **20 BRASWELL ST** **ALLSITES** **N/A**
1/2-1 **CHARLESTON, SC** **RCR**
0.563 mi. **VCP**
2974 ft. **Site 4 of 4 in cluster AF** **BROWNFIELDS**

Relative: Higher

Actual: 22 ft.

SHWS:
EPA ID: SCS123457076

ALLSITES:

Brownfield:	No
Brownfield Type:	Not reported
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	Yes
Lat:	Not reported
Long:	Not reported
Impacted Media:	Not reported

RCR:

Entity Responsibility:	Not reported
Region:	7
Tax Id:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Tracking Number:	SCS123457076
Regulatory Program:	CERCLA VCP NRP (Brownfields)
Unit Type:	Not reported
Unit Number/Letter:	Not reported
Area/Acres:	Not reported
Affected Media:	Not reported
Site/Unit:	Portion of former Koppers wood treating facility. Site is located in former drip track area of Koppers. Existing AST, historical diesel fuel spill of 530 gallons, 131 tons of contaminated soil excavated.
Condtions:	Not reported

KOPPERS/PAPER STOCK (Continued) **S108476470**

Associated Response/Corrective Action: Not reported
Associated Chemicals Requiring: Not reported

VCP:
Entity Resp for Conditional Remedy: Not reported
Region: 7
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: SCS123457076
Regulatory Program: CERCLA VCP NRP (Brownfields)
Contract #: Not reported
Old Contract #: Not reported
Company Name: Not reported
Acreage: Not reported
Exec Date: Not reported
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Not reported
File Number: Not reported

SC BROWNFIELD:
Contract Number: 07-07-HW
Contract Type: NRP
File Number: 51717
Contract Manager: GORMAN, ANGELA K
Person Company: MAGNOLIA DEVELOPMENT LLC
Primary Address1: 1601 OCEANIC ST
Primary Address2: Not reported
Primary City: CHARLESTON
Primary State Code: SC
Primary Zip Code: Not reported
Type Brownfield: Not reported
Acreage: 1.8600000000000001
Contract Executed: 2007-07-25 00:00:00
COC Date Issued: Not reported
RC Executed: Not reported
Contact: MR. MICHAEL COSTA
Status Code: ACTIVE
IC Received: 2006-08-04 00:00:00
Workplan Due: 2007-07-25 00:00:00
Workplan Received: Not reported
Workplan Reviewed: Not reported
Workplan Approved: Not reported
Report Received: Not reported
Report Reviewed: Not reported
Report Approved: Not reported
Cap Approved: Not reported
Contract Mailed: 2007-04-05 00:00:00
Date Terminated: Not reported

Contract Number: 07-07-HW
Contract Type: NRP
File Number: 51717
Contract Manager: GORMAN, ANGELA K
Person Company: ASHLEY II OF CHARLESTON LLC

KOPPERS/PAPER STOCK (Continued) **S108476470**

Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	1.8600000000000001
Contract Executed:	2007-07-25 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	MR. MICHAEL COSTA
Status Code:	ACTIVE
IC Received:	2006-08-04 00:00:00
Workplan Due:	2007-07-25 00:00:00
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	2007-04-05 00:00:00
Date Terminated:	Not reported

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107 **FED SERV, INC.** **CERCLIS** **1000131313**
ESE **MILFORD ROAD** **RCRA-NonGen** **SCD981024193**
1/2-1 **CHARLESTON, SC 29407** **FINDS**
0.572 mi. **SHWS**
3020 ft.

Relative:
Higher

Actual:
25 ft.

CERCLIS:

Site ID:	0403449
Federal Facility:	Not a Federal Facility
NPL Status:	Site is Part of NPL Site
Non NPL Status:	Not reported

CERCLIS Site Contact Name(s):

Contact Name:	Corey Hendrix
Contact Tel:	(404) 562-8738
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Craig Zeller
Contact Tel:	(404) 562-8827
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Ralph Howard
Contact Tel:	(404) 562-8829
Contact Title:	Remedial Project Manager (RPM)
Contact Name:	Craig Zeller
Contact Tel:	(404) 562-8827
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Yvonne Jones
Contact Tel:	(404) 562-8793
Contact Title:	Remedial Project Manager (RPM)

FED SERV, INC. (Continued) **1000131313**

Contact Name: Mike Norman
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

Contact Name: Paul Wagner
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

CERCLIS Site Alias Name(s):
Alias Name: FED SERV, INC.
Alias Address: Not reported
CHARLESTON, SC
Site Description: Not reported

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 11/01/84
Priority Level: Not reported

Action: REMOVAL NEGOTIATIONS
Date Started: 02/15/85
Date Completed: 02/15/85
Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 03/06/85
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 03/06/85
Date Completed: 07/30/85
Priority Level: Cleaned up

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 11/01/85
Priority Level: Addressed as part of an existing NPL site

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 11/01/85
Priority Level: Low priority for further assessment

RCRA-NonGen:
Date form received by agency: 12/01/1987
Facility name: FED SERV INC

FED SERV, INC. (Continued) **1000131313**

Facility address: KING ST EXT
CHARLESTON, SC 29401
EPA ID: SCD981024193
Contact: UNKNOWN UNKNOWN
Contact address: KING ST EXT
CHARLESTON, SC 29401
Contact country: US
Contact telephone: (803) 111-1111
Contact email: Not reported
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: FED SERV INC
Owner/operator address: KING ST EXT
CHARLESTON, SC 29401
Owner/operator country: Not reported
Owner/operator telephone: (803) 111-1111
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Violation Status: No violations found

FINDS:

Registry ID: 110008549151

Environmental Interest/Information System
SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

FED SERV, INC. (Continued) **1000131313**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110009345306

Environmental Interest/Information System

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

SHWS:
EPA ID: SCD981024193

108
NNW
1/2-1
0.586 mi.
3092 ft.

Relative:
Lower

Actual:
6 ft.

NAVAL SHIPYARD - CHARLESTON
VIADUCT ROAD
CHARLESTON, SC 29405

RCRA-TSDF **1000148340**
CERCLIS **SC0170022560**
CORRACTS
RCRA-NonGen
US ENG CONTROLS
US INST CONTROL
PADS
FINDS
RAATS
SHWS
GWCI
MANIFEST

RCRA-TSDF:

Date form received by agency:	08/16/2007
Facility name:	CHARLESTON NAVAL COMPLEX
Facility address:	1330 KILO ST BLDG 1824 CHARLESTON, SC 294199010
EPA ID:	SC0170022560
Mailing address:	PO BOX 190010 ATTN: CSO N CHARLESTON, SC 294199010
Contact:	AMY DANIELL
Contact address:	1330 KILO ST BLDG 1824 CHARLESTON, SC 294199010
Contact country:	US
Contact telephone:	(843) 743-9985
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date:	Not reported
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Owner/Operator Summary:

Owner/operator name:	CHARLESTON NAVAL COMPLEX	BR UNKNOWN
Owner/operator address:	PO BOX 190010	
	N CHARLESTON, SC 29414	
Owner/operator country:	US	
Owner/operator telephone:	Not reported	
Legal status:	Private	
Owner/Operator Type:	Owner	
Owner/Op start date:	01/01/2004	
Owner/Op end date:	Not reported	

Owner/operator name:	CHARLESTON NAVAL COMPLEX	BR UNKNOWN
Owner/operator address:	PO BOX 190010	
	N CHARLESTON, SC 29414	
Owner/operator country:	US	
Owner/operator telephone:	Not reported	
Legal status:	Private	
Owner/Operator Type:	Operator	
Owner/Op start date:	01/01/2004	
Owner/Op end date:	Not reported	

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Universal Waste Summary:

Waste type:	Batteries
Accumulated waste on-site:	No
Generated waste on-site:	Not reported

Waste type:	Lamps
Accumulated waste on-site:	No
Generated waste on-site:	Not reported

Waste type:	Pesticides
Accumulated waste on-site:	No
Generated waste on-site:	Not reported

Waste type:	Thermostats
Accumulated waste on-site:	No
Generated waste on-site:	Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Waste type: Batteries
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Lamps
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Pesticides
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Waste type: Thermostats
Accumulated waste on-site: Unknown
Generated waste on-site: Unknown

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 01/01/2004
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 04/19/2002
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 07/06/2001
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 03/27/2001
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 10/18/2000
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 10/12/2000
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 01/03/2000
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 03/01/1998
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date form received by agency: 02/13/1998
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Facility name: CHARLESTON NAVAL COMPLEX
Site name: USN - CHARLESTON NAVAL SHIPYARD
Classification: Large Quantity Generator

Date form received by agency: 01/31/1994
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Large Quantity Generator

Date form received by agency: 02/26/1992
Facility name: CHARLESTON NAVAL COMPLEX
Site name: USN CHARLESTON NAVAL SHIPYARD
Classification: Large Quantity Generator

Date form received by agency: 01/29/1990
Facility name: CHARLESTON NAVAL COMPLEX
Site name: CHARLESTON NAVAL SHIPYARD
Classification: Not a generator, verified

Date form received by agency: 12/10/1986
Facility name: CHARLESTON NAVAL COMPLEX
Classification: Not a generator, verified

Corrective Action Summary:

Event date: 01/03/1990
Event: RFI Workplan Received

Event date: 06/04/1990
Event: CA550NR

Event date: 06/04/1990
Event: Corrective Action Process Terminated, No Further Action

Event date: 06/04/1990
Event: CA550NR

Event date: 06/04/1990
Event: Date For Remedy Selection (CM Imposed)

Event date: 06/04/1990
Event: RFI Imposition

Event date: 06/04/1990
Event: Corrective Action Process Terminated, No Further Action

Event date: 06/04/1990
Event: Date For Remedy Selection (CM Imposed)

Event date: 11/26/1990

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event:	RFA Initiation
Event date:	11/26/1990
Event:	RFI Workplan Received
Event date:	12/03/1990
Event:	CA104
Event date:	12/03/1990
Event:	CA107
Event date:	12/23/1990
Event:	CA105
Event date:	12/23/1990
Event:	CA108
Event date:	02/03/1991
Event:	CA108
Event date:	03/04/1991
Event:	RFI Workplan Received
Event date:	03/04/1991
Event:	CA107
Event date:	03/04/1991
Event:	CA108
Event date:	03/28/1991
Event:	CA109
Event date:	03/28/1991
Event:	RFA Completed
Event date:	03/30/1991
Event:	RFI Workplan Received
Event date:	06/24/1991
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	06/24/1991
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	09/01/1991
Event:	RFI Workplan Received
Event date:	09/05/1991
Event:	RFI Workplan Received
Event date:	03/31/1992
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event date:	06/11/1992
Event:	RFI Workplan Notice Of Deficiency Issued

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/17/1992
Event:	RFI Workplan Received
Event date:	05/18/1993
Event:	Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event date:	08/09/1993
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	08/09/1993
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	08/10/1993
Event:	RFA Initiation
Event date:	10/14/1993
Event:	RFI Workplan Received
Event date:	10/14/1993
Event:	RFI Workplan Received
Event date:	02/17/1994
Event:	RFI Workplan Received
Event date:	02/17/1994
Event:	RFA Completed
Event date:	03/10/1994
Event:	RFA Initiation
Event date:	04/04/1994
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	04/28/1994
Event:	RFA Completed
Event date:	05/18/1994
Event:	RFI Workplan Received
Event date:	06/01/1994
Event:	RFA Completed
Event date:	06/08/1994
Event:	RFA Initiation
Event date:	06/13/1994
Event:	RFA Completed
Event date:	07/06/1994
Event:	RFA Initiation
Event date:	07/08/1994
Event:	RFI Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/09/1994
Event:	RFI Workplan Approved
Event date:	08/18/1994
Event:	RFA Initiation
Event date:	08/30/1994
Event:	RFI Workplan Received
Event date:	08/30/1994
Event:	RFI Workplan Received
Event date:	09/07/1994
Event:	RFA Completed
Event date:	09/08/1994
Event:	RFA Initiation
Event date:	09/28/1994
Event:	RFI Workplan Received
Event date:	11/03/1994
Event:	RFA Completed
Event date:	11/03/1994
Event:	RFA Completed
Event date:	01/10/1995
Event:	RFA Completed
Event date:	02/06/1995
Event:	RFA Initiation
Event date:	03/10/1995
Event:	RFA Completed
Event date:	05/01/1995
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	05/05/1995
Event:	RFI Workplan Received
Event date:	05/23/1995
Event:	RFI Supplemental Information Received
Event date:	05/30/1995
Event:	RFI Workplan Received
Event date:	06/06/1995
Event:	RFI Workplan Received
Event date:	06/06/1995
Event:	CA107
Event date:	06/12/1995
Event:	RFI Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date: 06/21/1995
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 06/29/1995
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 07/24/1995
Event: RFI Workplan Received

Event date: 08/01/1995
Event: CA184

Event date: 08/02/1995
Event: RFI Supplemental Information Deemed Satisfactory

Event date: 08/09/1995
Event: RFI Workplan Approved

Event date: 08/10/1995
Event: RFI Workplan Approved

Event date: 08/16/1995
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 09/21/1995
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 09/25/1995
Event: RFI Workplan Received

Event date: 09/29/1995
Event: RFA Completed

Event date: 10/03/1995
Event: RFI Workplan Received

Event date: 10/17/1995
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 11/02/1995
Event: RFI Workplan Modification Requested By Agency

Event date: 11/13/1995
Event: RFI Workplan Approved

Event date: 11/21/1995
Event: CA186

Event date: 11/22/1995
Event: RFI Workplan Received

Event date: 12/05/1995
Event: RFI Workplan Modification Requested By Agency

Event date: 12/13/1995
Event: RFI Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	12/27/1995
Event:	CA184
Event date:	01/02/1996
Event:	RFA Completed, Assessment was an RFA.
Event date:	01/08/1996
Event:	CA184
Event date:	01/24/1996
Event:	RFI Workplan Received
Event date:	01/26/1996
Event:	CA184
Event date:	02/15/1996
Event:	RFI Workplan Received
Event date:	03/04/1996
Event:	CA184
Event date:	03/09/1996
Event:	RFI Workplan Approved
Event date:	03/13/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	03/13/1996
Event:	RFI Workplan Modification Requested By Agency
Event date:	03/13/1996
Event:	RFI Workplan Modification Requested By Agency
Event date:	03/19/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	03/26/1996
Event:	CA000
Event date:	03/28/1996
Event:	CA610
Event date:	04/01/1996
Event:	RFI Workplan Received
Event date:	04/01/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	04/04/1996
Event:	CA620
Event date:	04/15/1996
Event:	RFI Workplan Received
Event date:	04/15/1996
Event:	RFI Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	04/16/1996
Event:	RFA Initiation
Event date:	04/24/1996
Event:	CA000
Event date:	05/06/1996
Event:	CA186
Event date:	05/13/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	05/31/1996
Event:	RFA Completed
Event date:	06/07/1996
Event:	CA610
Event date:	06/17/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	06/17/1996
Event:	RFA Completed
Event date:	06/18/1996
Event:	RFI Workplan Received
Event date:	06/19/1996
Event:	CA630
Event date:	07/10/1996
Event:	RFI Report Received
Event date:	07/16/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	07/19/1996
Event:	CA620
Event date:	07/24/1996
Event:	CA610
Event date:	07/25/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	07/26/1996
Event:	RFI Workplan Received
Event date:	08/07/1996
Event:	RFI Workplan Received
Event date:	08/07/1996
Event:	CA620
Event date:	08/09/1996
Event:	RFI Workplan Notice Of Deficiency Issued

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/25/1996
Event:	CA184
Event date:	09/03/1996
Event:	CA186
Event date:	09/04/1996
Event:	CA640
Event date:	09/04/1996
Event:	RFI Workplan Approved
Event date:	09/10/1996
Event:	RFI Workplan Received
Event date:	09/13/1996
Event:	CA610
Event date:	09/16/1996
Event:	RFI Workplan Received
Event date:	09/16/1996
Event:	CA184
Event date:	09/17/1996
Event:	CA610
Event date:	09/17/1996
Event:	CA610
Event date:	09/23/1996
Event:	CA610
Event date:	09/23/1996
Event:	CA610
Event date:	10/11/1996
Event:	RFI Workplan Approved
Event date:	10/18/1996
Event:	CA186
Event date:	10/24/1996
Event:	CA630
Event date:	10/24/1996
Event:	CA630
Event date:	11/07/1996
Event:	CA610
Event date:	11/07/1996
Event:	CA610
Event date:	11/07/1996
Event:	CA610

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	11/08/1996
Event:	CA630
Event date:	11/14/1996
Event:	CA610
Event date:	11/18/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	11/19/1996
Event:	CA610
Event date:	11/21/1996
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	11/22/1996
Event:	CA620
Event date:	11/25/1996
Event:	RFI Report Received
Event date:	11/25/1996
Event:	RFI Workplan Received
Event date:	11/25/1996
Event:	CA610
Event date:	11/26/1996
Event:	CA630
Event date:	11/26/1996
Event:	CA620
Event date:	11/29/1996
Event:	CA620
Event date:	12/13/1996
Event:	RFI Workplan Approved
Event date:	12/13/1996
Event:	RFI Workplan Approved
Event date:	01/02/1997
Event:	CA186
Event date:	01/13/1997
Event:	CA186
Event date:	01/31/1997
Event:	CMS Workplan Received
Event date:	02/05/1997
Event:	CA610
Event date:	02/06/1997
Event:	RFI Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date: 02/06/1997
Event: RFI Approved

Event date: 02/14/1997
Event: CA610

Event date: 02/14/1997
Event: CA630

Event date: 02/19/1997
Event: CA640

Event date: 02/19/1997
Event: CA640

Event date: 02/20/1997
Event: CA610

Event date: 02/21/1997
Event: CA610

Event date: 02/25/1997
Event: CA630

Event date: 03/03/1997
Event: CA184

Event date: 03/03/1997
Event: CA610

Event date: 03/17/1997
Event: CA620

Event date: 03/26/1997
Event: CA610

Event date: 03/31/1997
Event: CA630

Event date: 04/04/1997
Event: CA186

Event date: 04/16/1997
Event: CMS Workplan Modification Requested By Agency

Event date: 05/21/1997
Event: CA610

Event date: 05/30/1997
Event: CA186

Event date: 06/04/1997
Event: CA640

Event date: 06/06/1997
Event: CA620

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	06/16/1997
Event:	CA186
Event date:	06/25/1997
Event:	CA610
Event date:	06/25/1997
Event:	CA610
Event date:	07/03/1997
Event:	CMS Workplan Received
Event date:	07/08/1997
Event:	CA620
Event date:	07/08/1997
Event:	CA630
Event date:	07/21/1997
Event:	CA640
Event date:	07/21/1997
Event:	RFI Report Received
Event date:	07/21/1997
Event:	CA640
Event date:	07/25/1997
Event:	CA640
Event date:	08/18/1997
Event:	RFI Approved
Event date:	08/20/1997
Event:	CMS Workplan Approved
Event date:	08/20/1997
Event:	CA184
Event date:	08/25/1997
Event:	CA640
Event date:	08/26/1997
Event:	CMS Workplan Received
Event date:	08/28/1997
Event:	RFI Approved
Event date:	09/03/1997
Event:	CA610
Event date:	09/08/1997
Event:	CA630
Event date:	09/18/1997
Event:	Current Human Exposures under Control, Current human exposures are NOT under control.

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	09/18/1997
Event:	Igration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected.
Event date:	09/25/1997
Event:	CMS Workplan Modification Requested By Agency
Event date:	10/03/1997
Event:	CA184
Event date:	10/17/1997
Event:	CA640
Event date:	11/01/1997
Event:	CA184
Event date:	11/05/1997
Event:	CA186
Event date:	11/07/1997
Event:	CA186
Event date:	11/10/1997
Event:	CA610
Event date:	11/17/1997
Event:	CA184
Event date:	11/17/1997
Event:	CA184
Event date:	11/24/1997
Event:	CA186
Event date:	11/25/1997
Event:	CA620
Event date:	12/12/1997
Event:	CMS Workplan Received
Event date:	12/19/1997
Event:	CA184
Event date:	01/05/1998
Event:	CA630
Event date:	01/13/1998
Event:	CA184
Event date:	01/15/1998
Event:	CA610
Event date:	01/30/1998
Event:	CA640
Event date:	01/30/1998
Event:	CA640

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	03/05/1998
Event:	CA184
Event date:	03/16/1998
Event:	CA610
Event date:	03/31/1998
Event:	CA610
Event date:	04/01/1998
Event:	CA610
Event date:	04/02/1998
Event:	CA620
Event date:	04/14/1998
Event:	CA184
Event date:	04/15/1998
Event:	CA640
Event date:	04/16/1998
Event:	CMS Workplan Received
Event date:	04/20/1998
Event:	CMS Workplan Received
Event date:	04/20/1998
Event:	CMS Workplan Received
Event date:	04/22/1998
Event:	CA620
Event date:	04/24/1998
Event:	CA610
Event date:	04/27/1998
Event:	CA184
Event date:	04/27/1998
Event:	CA630
Event date:	05/01/1998
Event:	CA640
Event date:	05/05/1998
Event:	RFI Approved
Event date:	05/08/1998
Event:	CA610
Event date:	05/18/1998
Event:	CA630
Event date:	05/19/1998
Event:	CMS Workplan Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	05/19/1998
Event:	CMS Workplan Approved
Event date:	05/28/1998
Event:	CA630
Event date:	06/12/1998
Event:	CMS Workplan Received
Event date:	06/16/1998
Event:	CMS Workplan Modification Requested By Agency
Event date:	06/19/1998
Event:	CMS Workplan Modification Requested By Agency
Event date:	07/02/1998
Event:	CMS Workplan Received
Event date:	07/14/1998
Event:	CA610
Event date:	07/14/1998
Event:	CMS Workplan Modification Requested By Agency
Event date:	07/22/1998
Event:	CMS Workplan Received
Event date:	07/22/1998
Event:	CMS Workplan Received
Event date:	07/29/1998
Event:	CA640
Event date:	08/05/1998
Event:	CA610
Event date:	08/17/1998
Event:	Date For Remedy Selection (CM Imposed)
Event date:	08/17/1998
Event:	CA550NR
Event date:	08/17/1998
Event:	Corrective Action Process Terminated, No Further Action
Event date:	08/17/1998
Event:	Corrective Action Process Terminated, No Further Action
Event date:	08/17/1998
Event:	Date For Remedy Selection (CM Imposed)
Event date:	08/17/1998
Event:	CA550NR
Event date:	08/19/1998
Event:	CA184

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/20/1998
Event:	CA610
Event date:	08/21/1998
Event:	CA640
Event date:	08/21/1998
Event:	CA640
Event date:	08/31/1998
Event:	CA630
Event date:	09/08/1998
Event:	CA610
Event date:	09/10/1998
Event:	CMS Workplan Received
Event date:	09/14/1998
Event:	CA640
Event date:	09/14/1998
Event:	CA640
Event date:	09/17/1998
Event:	CA550NR
Event date:	09/17/1998
Event:	Corrective Action Process Terminated, No Further Action
Event date:	09/17/1998
Event:	CA550NR
Event date:	09/17/1998
Event:	Date For Remedy Selection (CM Imposed)
Event date:	09/21/1998
Event:	CA630
Event date:	09/30/1998
Event:	CA186
Event date:	10/08/1998
Event:	CMS Workplan Approved
Event date:	10/08/1998
Event:	CMS Workplan Approved
Event date:	10/23/1998
Event:	CA640
Event date:	11/18/1998
Event:	CA610
Event date:	11/19/1998
Event:	CA640

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	11/20/1998
Event:	CA630
Event date:	11/30/1998
Event:	CA184
Event date:	12/18/1998
Event:	CA184
Event date:	12/29/1998
Event:	CMS Workplan Received
Event date:	12/29/1998
Event:	CMS Workplan Received
Event date:	12/29/1998
Event:	CMS Workplan Received
Event date:	12/29/1998
Event:	CA184
Event date:	01/13/1999
Event:	CMS Workplan Modification Requested By Agency
Event date:	01/13/1999
Event:	CMS Workplan Modification Requested By Agency
Event date:	01/19/1999
Event:	CA640
Event date:	01/29/1999
Event:	RFI Approved
Event date:	02/17/1999
Event:	CMS Workplan Received
Event date:	02/18/1999
Event:	CA640
Event date:	02/22/1999
Event:	CA640
Event date:	03/09/1999
Event:	CA184
Event date:	03/11/1999
Event:	CA640
Event date:	03/12/1999
Event:	CA186
Event date:	03/15/1999
Event:	RFI Report Received
Event date:	03/15/1999
Event:	Petition For No Further Action Receipt Date

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	03/16/1999
Event:	CMS Workplan Modification Requested By Agency
Event date:	03/23/1999
Event:	CA184
Event date:	03/31/1999
Event:	CA184
Event date:	04/06/1999
Event:	Petition For No Further Action Receipt Date
Event date:	04/09/1999
Event:	CA610
Event date:	04/23/1999
Event:	CA610
Event date:	04/26/1999
Event:	CMS Supplemental Information Received
Event date:	05/24/1999
Event:	CA620
Event date:	05/24/1999
Event:	CA186
Event date:	05/27/1999
Event:	CA620
Event date:	05/27/1999
Event:	CA186
Event date:	06/02/1999
Event:	CA610
Event date:	06/14/1999
Event:	CA184
Event date:	06/14/1999
Event:	CA610
Event date:	06/16/1999
Event:	RFI Report Received
Event date:	06/18/1999
Event:	Petition For No Further Action Receipt Date
Event date:	06/18/1999
Event:	CAX200G
Event date:	06/18/1999
Event:	RFI Approved
Event date:	06/18/1999
Event:	CA630

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	06/18/1999
Event:	CA610
Event date:	06/21/1999
Event:	CA630
Event date:	06/22/1999
Event:	CA610
Event date:	06/25/1999
Event:	CA610
Event date:	06/25/1999
Event:	CA334
Event date:	06/25/1999
Event:	CA334
Event date:	06/29/1999
Event:	CA186
Event date:	06/29/1999
Event:	CA610
Event date:	06/30/1999
Event:	CA184
Event date:	06/30/1999
Event:	CA186
Event date:	07/07/1999
Event:	CA630
Event date:	07/12/1999
Event:	CA620
Event date:	07/12/1999
Event:	CA620
Event date:	07/21/1999
Event:	CA186
Event date:	07/23/1999
Event:	CA610
Event date:	07/23/1999
Event:	CA610
Event date:	07/29/1999
Event:	CA630
Event date:	07/29/1999
Event:	CA630
Event date:	08/02/1999
Event:	CA620

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	09/01/1999
Event:	CA630
Event date:	09/30/1999
Event:	CA186
Event date:	10/26/1999
Event:	CMS Workplan Received
Event date:	10/26/1999
Event:	RFI Workplan Received
Event date:	11/04/1999
Event:	RFI Workplan Received
Event date:	11/17/1999
Event:	CA640
Event date:	11/17/1999
Event:	CA640
Event date:	11/17/1999
Event:	CMS Workplan Modification Requested By Agency
Event date:	11/18/1999
Event:	RFI Workplan Received
Event date:	11/18/1999
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	11/29/1999
Event:	CA640
Event date:	12/03/1999
Event:	RFI Workplan Received
Event date:	12/21/1999
Event:	CA640
Event date:	01/27/2000
Event:	CA610
Event date:	02/03/2000
Event:	RFI Workplan Received
Event date:	03/31/2000
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	04/21/2000
Event:	RFI Workplan Approved
Event date:	04/21/2000
Event:	CMS Workplan Approved
Event date:	05/16/2000
Event:	CA184

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date: 05/30/2000
Event: CA334

Event date: 06/13/2000
Event: CMS Supplemental Information Received

Event date: 06/13/2000
Event: CMS Supplemental Information Received

Event date: 07/13/2000
Event: CA610

Event date: 07/19/2000
Event: RFI Workplan Received

Event date: 08/01/2000
Event: CMS Workplan Received

Event date: 08/04/2000
Event: RFI Workplan Notice Of Deficiency Issued

Event date: 08/15/2000
Event: CA620

Event date: 08/17/2000
Event: CMS Workplan Approved

Event date: 09/05/2000
Event: CA630

Event date: 09/07/2000
Event: CMS Workplan Received

Event date: 09/11/2000
Event: CA186

Event date: 09/11/2000
Event: CA336

Event date: 09/25/2000
Event: RFI Workplan Approved

Event date: 09/27/2000
Event: CMS Workplan Modification Requested By Agency

Event date: 09/29/2000
Event: RFI Workplan Received

Event date: 10/17/2000
Event: CMS Workplan Received

Event date: 10/26/2000
Event: CA620

Event date: 10/31/2000
Event: CA610

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	11/03/2000
Event:	CMS Workplan Received
Event date:	11/03/2000
Event:	CMS Workplan Received
Event date:	11/13/2000
Event:	CMS Workplan Received
Event date:	11/22/2000
Event:	CA610
Event date:	11/22/2000
Event:	CA610
Event date:	11/28/2000
Event:	CMS Workplan Received
Event date:	12/05/2000
Event:	CA630
Event date:	12/05/2000
Event:	CMS Workplan Approved
Event date:	12/06/2000
Event:	CMS Workplan Modification Requested By Agency
Event date:	12/06/2000
Event:	CMS Workplan Modification Requested By Agency
Event date:	12/07/2000
Event:	CA630
Event date:	12/07/2000
Event:	CMS Workplan Received
Event date:	12/07/2000
Event:	CA630XH
Event date:	12/07/2000
Event:	Petition For No Further Action Receipt Date
Event date:	12/07/2000
Event:	CMS Workplan Modification Requested By Agency
Event date:	12/08/2000
Event:	CA610
Event date:	12/13/2000
Event:	CA630
Event date:	12/18/2000
Event:	CA620
Event date:	12/19/2000
Event:	CA610

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	12/19/2000
Event:	CA630
Event date:	12/27/2000
Event:	RFA Initiation
Event date:	12/27/2000
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	12/27/2000
Event:	CMS Workplan Received
Event date:	01/08/2001
Event:	CMS Workplan Approved
Event date:	01/11/2001
Event:	CMS Workplan Received
Event date:	01/23/2001
Event:	CMS Workplan Received
Event date:	01/26/2001
Event:	CA610
Event date:	01/30/2001
Event:	RFI Workplan Received
Event date:	02/05/2001
Event:	CMS Workplan Received
Event date:	02/08/2001
Event:	CMS Workplan Received
Event date:	02/08/2001
Event:	Petition For No Further Action Receipt Date
Event date:	02/09/2001
Event:	CMS Workplan Approved
Event date:	02/14/2001
Event:	RFI Workplan Received
Event date:	02/14/2001
Event:	RFI Workplan Received
Event date:	02/15/2001
Event:	CMS Workplan Received
Event date:	02/21/2001
Event:	CA640
Event date:	02/22/2001
Event:	CMS Workplan Approved
Event date:	02/27/2001
Event:	RFA Initiation

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	02/27/2001
Event:	CMS Workplan Received
Event date:	02/28/2001
Event:	CA184
Event date:	02/28/2001
Event:	CMS Workplan Received
Event date:	03/02/2001
Event:	Decision On Petition For No Further Action
Event date:	03/02/2001
Event:	RFI Approved
Event date:	03/02/2001
Event:	RFI Approved
Event date:	03/02/2001
Event:	CMS Workplan Modification Requested By Agency
Event date:	03/15/2001
Event:	CA640
Event date:	03/19/2001
Event:	CMS Workplan Modification Requested By Agency
Event date:	03/19/2001
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	03/23/2001
Event:	RFI Workplan Approved
Event date:	03/29/2001
Event:	CA610
Event date:	04/01/2001
Event:	CMS Workplan Received
Event date:	04/02/2001
Event:	CMS Workplan Received
Event date:	04/04/2001
Event:	CA610
Event date:	04/04/2001
Event:	CA620
Event date:	04/04/2001
Event:	CA630
Event date:	04/04/2001
Event:	CA630XH
Event date:	04/06/2001
Event:	Petition For No Further Action Receipt Date

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	04/06/2001
Event:	CA184
Event date:	04/11/2001
Event:	RFI Report Received
Event date:	04/12/2001
Event:	RFA Initiation
Event date:	04/12/2001
Event:	CA630XG
Event date:	04/12/2001
Event:	CA630
Event date:	04/23/2001
Event:	Petition For No Further Action Receipt Date
Event date:	04/23/2001
Event:	CA640
Event date:	05/02/2001
Event:	CA610
Event date:	05/04/2001
Event:	CA630XH
Event date:	05/04/2001
Event:	CA630
Event date:	05/07/2001
Event:	CA610
Event date:	05/07/2001
Event:	CA610
Event date:	05/11/2001
Event:	CMS Workplan Received
Event date:	05/11/2001
Event:	CMS Workplan Received
Event date:	05/14/2001
Event:	Decision On Petition For No Further Action
Event date:	05/14/2001
Event:	CMS Workplan Approved
Event date:	05/18/2001
Event:	CMS Workplan Received
Event date:	05/18/2001
Event:	Petition For No Further Action Receipt Date
Event date:	05/22/2001
Event:	CA630

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	05/22/2001
Event:	RFI Workplan Notice Of Deficiency Issued
Event date:	05/22/2001
Event:	Decision On Petition For No Further Action
Event date:	05/22/2001
Event:	CA610
Event date:	05/23/2001
Event:	CA102
Event date:	05/23/2001
Event:	RFA Completed
Event date:	05/31/2001
Event:	CA610
Event date:	06/18/2001
Event:	Petition For No Further Action Receipt Date
Event date:	06/18/2001
Event:	CMS Workplan Received
Event date:	06/19/2001
Event:	Petition For No Further Action Receipt Date
Event date:	06/19/2001
Event:	RFI Report Received
Event date:	06/21/2001
Event:	CA184
Event date:	06/22/2001
Event:	RFI Report Received
Event date:	06/22/2001
Event:	Petition For No Further Action Receipt Date
Event date:	06/25/2001
Event:	CA104
Event date:	06/26/2001
Event:	RFI Report Received
Event date:	06/28/2001
Event:	CMS Workplan Approved
Event date:	06/28/2001
Event:	CA610
Event date:	06/28/2001
Event:	Decision On Petition For No Further Action
Event date:	06/28/2001
Event:	CA610

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	07/03/2001
Event:	CA630
Event date:	07/09/2001
Event:	RFI Workplan Received
Event date:	07/13/2001
Event:	CA610
Event date:	07/16/2001
Event:	Decision On Petition For No Further Action
Event date:	07/16/2001
Event:	CA630
Event date:	07/16/2001
Event:	RFI Approved
Event date:	07/17/2001
Event:	Decision On Petition For No Further Action
Event date:	07/17/2001
Event:	CMS Workplan Approved
Event date:	07/23/2001
Event:	RFI Report Received
Event date:	07/23/2001
Event:	CMS Workplan Received
Event date:	07/23/2001
Event:	CMS Workplan Received
Event date:	07/23/2001
Event:	Petition For No Further Action Receipt Date
Event date:	07/24/2001
Event:	Petition For No Further Action Receipt Date
Event date:	07/24/2001
Event:	RFI Report Received
Event date:	07/30/2001
Event:	CA104
Event date:	07/30/2001
Event:	CMS Workplan Approved
Event date:	07/31/2001
Event:	CA630XH
Event date:	07/31/2001
Event:	CA630XH
Event date:	08/07/2001
Event:	Petition For No Further Action Receipt Date

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/07/2001
Event:	RFI Report Received
Event date:	08/07/2001
Event:	Petition For No Further Action Receipt Date
Event date:	08/08/2001
Event:	CAX190G
Event date:	08/10/2001
Event:	CA610
Event date:	08/10/2001
Event:	RFI Report Received
Event date:	08/10/2001
Event:	RFI Report Received
Event date:	08/10/2001
Event:	RFI Report Received
Event date:	08/10/2001
Event:	CA610
Event date:	08/10/2001
Event:	RFI Report Received
Event date:	08/16/2001
Event:	CA106
Event date:	08/17/2001
Event:	CA630
Event date:	08/17/2001
Event:	CA630
Event date:	08/20/2001
Event:	CA610
Event date:	08/21/2001
Event:	CA186
Event date:	08/21/2001
Event:	CA186
Event date:	08/21/2001
Event:	CA186
Event date:	08/28/2001
Event:	RFI Report Received
Event date:	08/28/2001
Event:	CA610
Event date:	08/30/2001
Event:	RFI Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/31/2001
Event:	Petition For No Further Action Receipt Date
Event date:	08/31/2001
Event:	Petition For No Further Action Receipt Date
Event date:	08/31/2001
Event:	RFI Report Received
Event date:	08/31/2001
Event:	RFI Report Received
Event date:	08/31/2001
Event:	RFI Report Received
Event date:	09/13/2001
Event:	CMS Workplan Modification Requested By Agency
Event date:	09/13/2001
Event:	CMS Workplan Modification Requested By Agency
Event date:	09/17/2001
Event:	CA610
Event date:	09/18/2001
Event:	RFI Approved
Event date:	09/18/2001
Event:	RFI Approved
Event date:	09/18/2001
Event:	Decision On Petition For No Further Action
Event date:	09/18/2001
Event:	RFI Approved
Event date:	09/18/2001
Event:	CA630
Event date:	09/18/2001
Event:	RFI Approved
Event date:	09/18/2001
Event:	CMS Workplan Approved
Event date:	09/18/2001
Event:	CA630XG
Event date:	09/18/2001
Event:	Decision On Petition For No Further Action
Event date:	09/19/2001
Event:	CA104
Event date:	09/19/2001
Event:	RFI Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	09/19/2001
Event:	Petition For No Further Action Receipt Date
Event date:	09/24/2001
Event:	CA104
Event date:	09/24/2001
Event:	CA630XG
Event date:	09/25/2001
Event:	Petition For No Further Action Receipt Date
Event date:	09/25/2001
Event:	RFI Report Received
Event date:	09/25/2001
Event:	CA610
Event date:	09/25/2001
Event:	CA610
Event date:	10/03/2001
Event:	RFI Report Received
Event date:	10/08/2001
Event:	CA700
Event date:	10/08/2001
Event:	CA640
Event date:	10/10/2001
Event:	RFI Report Received
Event date:	10/15/2001
Event:	CA104
Event date:	10/17/2001
Event:	CA186
Event date:	10/17/2001
Event:	CA610
Event date:	10/19/2001
Event:	CA610
Event date:	10/19/2001
Event:	CA610
Event date:	10/30/2001
Event:	CA106
Event date:	10/30/2001
Event:	CA186
Event date:	10/30/2001
Event:	CA630

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	11/02/2001
Event:	CA630
Event date:	11/02/2001
Event:	CA630
Event date:	11/08/2001
Event:	Petition For No Further Action Receipt Date
Event date:	11/08/2001
Event:	RFI Report Received
Event date:	11/09/2001
Event:	RFI Report Received
Event date:	11/09/2001
Event:	Petition For No Further Action Receipt Date
Event date:	11/15/2001
Event:	CA106
Event date:	11/16/2001
Event:	RFI Report Received
Event date:	11/16/2001
Event:	CA630
Event date:	11/20/2001
Event:	Decision On Petition For No Further Action
Event date:	11/20/2001
Event:	Decision On Petition For No Further Action
Event date:	11/20/2001
Event:	RFI Approved
Event date:	11/20/2001
Event:	RFI Approved
Event date:	11/20/2001
Event:	RFI Approved
Event date:	11/21/2001
Event:	Decision On Petition For No Further Action
Event date:	11/21/2001
Event:	RFI Approved
Event date:	11/21/2001
Event:	CA630
Event date:	11/29/2001
Event:	Petition For No Further Action Receipt Date
Event date:	11/29/2001
Event:	Petition For No Further Action Receipt Date

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	11/29/2001
Event:	RFI Approved
Event date:	11/30/2001
Event:	RFI Approved
Event date:	11/30/2001
Event:	Decision On Petition For No Further Action
Event date:	12/03/2001
Event:	RFI Report Received
Event date:	12/10/2001
Event:	CA184
Event date:	12/17/2001
Event:	Decision On Petition For No Further Action
Event date:	12/17/2001
Event:	Decision On Petition For No Further Action
Event date:	12/19/2001
Event:	RFI Report Received
Event date:	12/19/2001
Event:	Petition For No Further Action Receipt Date
Event date:	12/21/2001
Event:	Date For Public Notice On Proposed Remedy
Event date:	12/21/2001
Event:	Date For Public Notice On Proposed Remedy
Event date:	12/28/2001
Event:	CA610
Event date:	01/08/2002
Event:	CA104
Event date:	01/10/2002
Event:	CA630
Event date:	01/10/2002
Event:	RFI Approved
Event date:	01/15/2002
Event:	Petition For No Further Action Receipt Date
Event date:	01/15/2002
Event:	CMS Workplan Received
Event date:	01/15/2002
Event:	CAX190G
Event date:	01/16/2002
Event:	CA186

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	01/16/2002
Event:	Decision On Petition For No Further Action
Event date:	01/16/2002
Event:	RFI Approved
Event date:	01/18/2002
Event:	CA610
Event date:	01/18/2002
Event:	CA645
Event date:	01/23/2002
Event:	CA640
Event date:	01/24/2002
Event:	CA630
Event date:	02/05/2002
Event:	CMS Approved
Event date:	02/07/2002
Event:	CA106
Event date:	02/11/2002
Event:	RFI Report Received
Event date:	02/11/2002
Event:	Petition For No Further Action Receipt Date
Event date:	02/13/2002
Event:	CA630
Event date:	02/21/2002
Event:	CA630
Event date:	03/05/2002
Event:	Decision On Petition For No Further Action
Event date:	03/05/2002
Event:	CA336
Event date:	03/06/2002
Event:	CA610
Event date:	03/12/2002
Event:	CA610
Event date:	03/15/2002
Event:	CA610
Event date:	03/20/2002
Event:	RFI Approved
Event date:	03/20/2002
Event:	Decision On Petition For No Further Action

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	03/25/2002
Event:	CA630
Event date:	03/25/2002
Event:	CA630XH
Event date:	03/27/2002
Event:	RFI Report Received
Event date:	03/29/2002
Event:	RFA Determination Of Need For An RFI, RFI is Necessary;
Event date:	03/29/2002
Event:	RFI Report Received
Event date:	03/29/2002
Event:	CA630
Event date:	03/29/2002
Event:	Petition For No Further Action Receipt Date
Event date:	04/03/2002
Event:	CA630
Event date:	04/08/2002
Event:	CA640XH
Event date:	04/22/2002
Event:	Date For Remedy Selection (CM Imposed)
Event date:	04/22/2002
Event:	CA550NR
Event date:	04/22/2002
Event:	Corrective Action Process Terminated, No Further Action
Event date:	04/22/2002
Event:	CA550NR
Event date:	04/22/2002
Event:	Date For Remedy Selection (CM Imposed)
Event date:	04/22/2002
Event:	Corrective Action Process Terminated, No Further Action
Event date:	04/22/2002
Event:	Date For Remedy Selection (CM Imposed)
Event date:	04/22/2002
Event:	CA550NR
Event date:	04/22/2002
Event:	Corrective Action Process Terminated, No Further Action
Event date:	04/22/2002
Event:	Date For Remedy Selection (CM Imposed)

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	04/22/2002
Event:	Corrective Action Process Terminated, No Further Action
Event date:	04/22/2002
Event:	CA550NR
Event date:	04/25/2002
Event:	Petition For No Further Action Receipt Date
Event date:	04/25/2002
Event:	CA640
Event date:	04/29/2002
Event:	CA610
Event date:	04/30/2002
Event:	Petition For No Further Action Receipt Date
Event date:	04/30/2002
Event:	CMS Report Received
Event date:	05/01/2002
Event:	Decision On Petition For No Further Action
Event date:	05/01/2002
Event:	CA640XH
Event date:	05/03/2002
Event:	RFI Report Received
Event date:	05/06/2002
Event:	RFI Approved
Event date:	05/06/2002
Event:	Petition For No Further Action Receipt Date
Event date:	05/06/2002
Event:	CMS Workplan Approved
Event date:	05/06/2002
Event:	Decision On Petition For No Further Action
Event date:	05/06/2002
Event:	CA107
Event date:	05/09/2002
Event:	RFI Approved
Event date:	05/09/2002
Event:	Decision On Petition For No Further Action
Event date:	05/13/2002
Event:	Decision On Petition For No Further Action
Event date:	05/13/2002
Event:	Decision On Petition For No Further Action

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	05/17/2002
Event:	CA630
Event date:	05/20/2002
Event:	CAX350G
Event date:	05/23/2002
Event:	CA109
Event date:	05/23/2002
Event:	Petition For No Further Action Receipt Date
Event date:	06/07/2002
Event:	CA610
Event date:	06/10/2002
Event:	CA186
Event date:	06/14/2002
Event:	Decision On Petition For No Further Action
Event date:	06/14/2002
Event:	CA630
Event date:	06/20/2002
Event:	CA610
Event date:	06/20/2002
Event:	FI Progress Reports Received
Event date:	06/20/2002
Event:	RFI Report Received
Event date:	06/21/2002
Event:	CA107
Event date:	06/28/2002
Event:	RFA Determination Of Need For An RFI, RFI is Necessary;
Event date:	06/28/2002
Event:	CA630
Event date:	07/08/2002
Event:	RFI Report Received
Event date:	07/11/2002
Event:	CA186
Event date:	07/12/2002
Event:	CA109
Event date:	07/17/2002
Event:	RFI Approved
Event date:	07/22/2002
Event:	RFI Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	07/25/2002
Event:	RFI Report Received
Event date:	07/25/2002
Event:	RFI Approved
Event date:	07/25/2002
Event:	CA184
Event date:	07/25/2002
Event:	CA184
Event date:	08/02/2002
Event:	Petition For No Further Action Receipt Date
Event date:	08/02/2002
Event:	Petition For No Further Action Receipt Date
Event date:	08/02/2002
Event:	CMS Workplan Received
Event date:	08/02/2002
Event:	CA184
Event date:	08/02/2002
Event:	CA184
Event date:	08/02/2002
Event:	RFI Report Received
Event date:	08/05/2002
Event:	RFI Approved
Event date:	08/07/2002
Event:	RFI Report Received
Event date:	08/07/2002
Event:	CA184
Event date:	08/08/2002
Event:	CA184
Event date:	08/14/2002
Event:	CA186
Event date:	08/20/2002
Event:	Decision On Petition For No Further Action
Event date:	08/20/2002
Event:	RFI Approved
Event date:	08/20/2002
Event:	CA186
Event date:	08/20/2002
Event:	RFI Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/20/2002
Event:	CMS Workplan Approved
Event date:	08/21/2002
Event:	RFI Report Received
Event date:	08/22/2002
Event:	Petition For No Further Action Receipt Date
Event date:	08/23/2002
Event:	CA107
Event date:	08/26/2002
Event:	CA186
Event date:	08/26/2002
Event:	Decision On Petition For No Further Action
Event date:	08/27/2002
Event:	CA184
Event date:	08/27/2002
Event:	RFI Report Received
Event date:	08/27/2002
Event:	CA109
Event date:	08/29/2002
Event:	CA186
Event date:	08/29/2002
Event:	CA186
Event date:	08/30/2002
Event:	CA184
Event date:	08/30/2002
Event:	Petition For No Further Action Receipt Date
Event date:	09/03/2002
Event:	CA640XH
Event date:	09/03/2002
Event:	Petition For No Further Action Receipt Date
Event date:	09/03/2002
Event:	Petition For No Further Action Receipt Date
Event date:	09/03/2002
Event:	CMS Workplan Received
Event date:	09/03/2002
Event:	RFI Report Received
Event date:	09/03/2002
Event:	CA640XH

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	09/05/2002
Event:	RFI Approved
Event date:	09/09/2002
Event:	CA610
Event date:	09/09/2002
Event:	RFI Approved
Event date:	09/12/2002
Event:	CA186
Event date:	09/13/2002
Event:	Decision On Petition For No Further Action
Event date:	09/13/2002
Event:	RFI Approved
Event date:	09/13/2002
Event:	Decision On Petition For No Further Action
Event date:	09/20/2002
Event:	CA184
Event date:	09/24/2002
Event:	Decision On Petition For No Further Action
Event date:	09/24/2002
Event:	CA186
Event date:	09/24/2002
Event:	RFI Approved
Event date:	09/24/2002
Event:	CA620
Event date:	09/27/2002
Event:	CA107
Event date:	10/01/2002
Event:	CA184
Event date:	10/02/2002
Event:	CA640
Event date:	10/02/2002
Event:	Petition For No Further Action Receipt Date
Event date:	10/02/2002
Event:	Petition For No Further Action Receipt Date
Event date:	10/03/2002
Event:	Decision On Petition For No Further Action
Event date:	10/08/2002
Event:	CMS Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date: 10/09/2002
Event: CA107

Event date: 10/09/2002
Event: Petition For No Further Action Receipt Date

Event date: 10/09/2002
Event: Petition For No Further Action Receipt Date

Event date: 10/09/2002
Event: CA184

Event date: 10/09/2002
Event: CA107

Event date: 10/15/2002
Event: CA186

Event date: 10/22/2002
Event: CMS Workplan Approved

Event date: 10/24/2002
Event: CAX200G

Event date: 10/24/2002
Event: CAX200G

Event date: 10/29/2002
Event: CMS Workplan Received

Event date: 10/29/2002
Event: CA184

Event date: 10/29/2002
Event: CA184

Event date: 11/12/2002
Event: RFI Report Received

Event date: 11/13/2002
Event: CA108

Event date: 11/18/2002
Event: RFI Supplemental Information Deemed Satisfactory

Event date: 11/20/2002
Event: CA186

Event date: 11/21/2002
Event: CA186

Event date: 11/22/2002
Event: CAX190G

Event date: 11/26/2002
Event: CA184

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	12/05/2002
Event:	CA186
Event date:	12/06/2002
Event:	Petition For No Further Action Receipt Date
Event date:	12/06/2002
Event:	CA184
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/11/2002
Event:	CAX600G
Event date:	12/17/2002
Event:	CMS Workplan Modification Requested By Agency
Event date:	12/17/2002
Event:	CA186
Event date:	12/17/2002
Event:	CA186

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	12/30/2002
Event:	RFI Report Received
Event date:	01/15/2003
Event:	CA107
Event date:	01/17/2003
Event:	CMS Workplan Received
Event date:	01/17/2003
Event:	CA184
Event date:	01/28/2003
Event:	CA186
Event date:	02/03/2003
Event:	CA334
Event date:	02/10/2003
Event:	CA184
Event date:	02/10/2003
Event:	CMS Workplan Received
Event date:	02/11/2003
Event:	Decision On Petition For No Further Action
Event date:	02/15/2003
Event:	CA109
Event date:	02/18/2003
Event:	RFI Supplemental Information Deemed Satisfactory
Event date:	02/19/2003
Event:	CMS Workplan Modification Requested By Agency
Event date:	02/19/2003
Event:	CA186
Event date:	02/25/2003
Event:	RFI Approved
Event date:	02/25/2003
Event:	CMS Workplan Approved
Event date:	02/25/2003
Event:	RFI Approved
Event date:	02/25/2003
Event:	CMS Workplan Approved
Event date:	02/26/2003
Event:	RFI Report Received
Event date:	02/26/2003
Event:	CA640XH

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	02/27/2003
Event:	CMS Workplan Approved
Event date:	02/28/2003
Event:	Decision On Petition For No Further Action
Event date:	02/28/2003
Event:	CMS Report Received
Event date:	03/03/2003
Event:	CA334XG
Event date:	03/03/2003
Event:	CA334
Event date:	03/07/2003
Event:	CMS Workplan Received
Event date:	03/17/2003
Event:	CA107
Event date:	03/17/2003
Event:	RFI Report Received
Event date:	03/17/2003
Event:	RFI Report Received
Event date:	03/19/2003
Event:	CMS Approved
Event date:	03/20/2003
Event:	CMS Report Received
Event date:	03/20/2003
Event:	CMS Report Received
Event date:	03/25/2003
Event:	Decision On Petition For No Further Action
Event date:	04/02/2003
Event:	CAX200G
Event date:	04/07/2003
Event:	CMS Approved
Event date:	04/08/2003
Event:	CA640XH
Event date:	04/09/2003
Event:	CAX200G
Event date:	04/17/2003
Event:	CMS Supplemental Information Deemed Satisfactory
Event date:	04/18/2003
Event:	CMS Workplan Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	04/21/2003
Event:	CMS Approved
Event date:	04/21/2003
Event:	CA640
Event date:	04/23/2003
Event:	CA336
Event date:	04/23/2003
Event:	CMS Report Received
Event date:	04/24/2003
Event:	RFI Report Received
Event date:	04/24/2003
Event:	CA186
Event date:	05/01/2003
Event:	RFI Supplemental Information Deemed Satisfactory
Event date:	05/05/2003
Event:	CA186
Event date:	05/05/2003
Event:	CMS Workplan Modification Requested By Agency
Event date:	05/06/2003
Event:	Petition For No Further Action Receipt Date
Event date:	05/13/2003
Event:	CA184
Event date:	05/13/2003
Event:	CA184
Event date:	05/15/2003
Event:	RFI Approved
Event date:	05/20/2003
Event:	Decision On Petition For No Further Action
Event date:	05/20/2003
Event:	RFI Supplemental Information Deemed Satisfactory
Event date:	05/21/2003
Event:	CMS Supplemental Information Deemed Satisfactory
Event date:	05/22/2003
Event:	CA184
Event date:	05/22/2003
Event:	RFI Supplemental Information Deemed Satisfactory
Event date:	05/22/2003
Event:	RFI Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date: 05/27/2003
Event: CMS Report Received

Event date: 05/28/2003
Event: CMS Report Received

Event date: 06/13/2003
Event: CA186

Event date: 06/17/2003
Event: CA186

Event date: 06/30/2003
Event: CA405

Event date: 06/30/2003
Event: RFI Report Received

Event date: 06/30/2003
Event: CMS Approved

Event date: 07/01/2003
Event: RFI Approved

Event date: 07/01/2003
Event: CMS Workplan Approved

Event date: 07/03/2003
Event: CA186

Event date: 07/07/2003
Event: RFI Report Received

Event date: 07/07/2003
Event: CMS Report Received

Event date: 07/18/2003
Event: CMS Workplan Received

Event date: 07/18/2003
Event: RFI Report Received

Event date: 07/18/2003
Event: RFI Report Received

Event date: 07/18/2003
Event: RFI Report Received

Event date: 08/05/2003
Event: CMS Supplemental Information Deemed Satisfactory

Event date: 08/06/2003
Event: CMS Report Received

Event date: 08/06/2003
Event: CMS Supplemental Information Deemed Satisfactory

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	08/06/2003
Event:	RFI Supplemental Information Deemed Satisfactory
Event date:	08/11/2003
Event:	RFI Supplemental Information Deemed Satisfactory
Event date:	08/21/2003
Event:	RFI Approved
Event date:	08/26/2003
Event:	CMI Workplan Approved
Event date:	08/27/2003
Event:	CAX200G
Event date:	08/29/2003
Event:	CMS Report Received
Event date:	09/03/2003
Event:	CA647
Event date:	09/16/2003
Event:	RFI Approved
Event date:	09/16/2003
Event:	CMS Workplan Approved
Event date:	09/18/2003
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.
Event date:	09/19/2003
Event:	CMS Approved
Event date:	09/22/2003
Event:	RFI Report Received
Event date:	09/25/2003
Event:	RFI Supplemental Information Deemed Satisfactory
Event date:	09/29/2003
Event:	Date For Remedy Selection (CM Imposed)
Event date:	09/29/2003
Event:	CA550NR
Event date:	09/29/2003
Event:	Corrective Action Process Terminated, No Further Action
Event date:	09/29/2003
Event:	CA550NR

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	09/29/2003
Event:	Date For Remedy Selection (CM Imposed)
Event date:	09/29/2003
Event:	Corrective Action Process Terminated, No Further Action
Event date:	10/13/2003
Event:	CA334
Event date:	10/17/2003
Event:	CA334
Event date:	10/23/2003
Event:	RFI Approved
Event date:	11/17/2003
Event:	CMS Report Received
Event date:	11/25/2003
Event:	RFI Workplan Approved
Event date:	12/06/2003
Event:	CA640
Event date:	12/16/2003
Event:	CMS Supplemental Information Deemed Satisfactory
Event date:	12/16/2003
Event:	CA640
Event date:	12/16/2003
Event:	RFI Report Received
Event date:	12/16/2003
Event:	CMS Report Received
Event date:	12/16/2003
Event:	CA336
Event date:	12/16/2003
Event:	CMS Workplan Received
Event date:	12/16/2003
Event:	CMS Workplan Received
Event date:	12/19/2003
Event:	Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	12/31/2003
Event:	CA334
Event date:	01/06/2004
Event:	CMS Report Received
Event date:	01/06/2004
Event:	RFI Report Received
Event date:	01/06/2004
Event:	CMS Workplan Received
Event date:	01/14/2004
Event:	RFI Report Received
Event date:	01/28/2004
Event:	RFI Workplan Received
Event date:	02/09/2004
Event:	CMS Supplemental Information Deemed Satisfactory
Event date:	03/02/2004
Event:	RFI Workplan Approved
Event date:	03/05/2004
Event:	CMS Report Received
Event date:	03/10/2004
Event:	CMS Approved
Event date:	03/17/2004
Event:	CA107
Event date:	03/24/2004
Event:	CA109
Event date:	03/24/2004
Event:	Decision On Petition For No Further Action
Event date:	04/09/2004
Event:	CA640
Event date:	04/21/2004
Event:	CMS Approved
Event date:	04/21/2004
Event:	CA336
Event date:	06/07/2004
Event:	CA336
Event date:	06/14/2004
Event:	RFI Approved
Event date:	06/14/2004
Event:	CMS Workplan Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	06/15/2004
Event:	CA645
Event date:	06/21/2004
Event:	CA184
Event date:	06/24/2004
Event:	CMS Workplan Approved
Event date:	06/25/2004
Event:	CMS Workplan Received
Event date:	06/25/2004
Event:	CA184
Event date:	06/28/2004
Event:	RFI Approved
Event date:	06/28/2004
Event:	CMS Workplan Approved
Event date:	07/07/2004
Event:	CA108
Event date:	07/07/2004
Event:	CA108
Event date:	07/23/2004
Event:	CA186
Event date:	07/23/2004
Event:	CMS Workplan Modification Requested By Agency
Event date:	07/26/2004
Event:	CA610
Event date:	07/27/2004
Event:	CA186
Event date:	07/29/2004
Event:	CMS Report Received
Event date:	08/04/2004
Event:	CMS Report Received
Event date:	08/09/2004
Event:	CMS Report Received
Event date:	08/23/2004
Event:	CA184
Event date:	09/02/2004
Event:	CA620
Event date:	09/24/2004
Event:	CA109

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	09/24/2004
Event:	Decision On Petition For No Further Action
Event date:	09/24/2004
Event:	Decision On Petition For No Further Action
Event date:	09/24/2004
Event:	CA109
Event date:	10/01/2004
Event:	Stabilization Measures Implemented
Event date:	10/21/2004
Event:	CMS Report Received
Event date:	10/21/2004
Event:	CMS Approved
Event date:	10/21/2004
Event:	CMS Approved
Event date:	10/27/2004
Event:	CA184
Event date:	11/01/2004
Event:	CMS Report Received
Event date:	11/01/2004
Event:	CA610
Event date:	11/17/2004
Event:	CA184
Event date:	11/30/2004
Event:	CMS Approved
Event date:	12/01/2004
Event:	CA334
Event date:	12/03/2004
Event:	CA334
Event date:	01/13/2005
Event:	CA610
Event date:	01/18/2005
Event:	CMS Report Received
Event date:	01/27/2005
Event:	Petition For No Further Action Receipt Date
Event date:	01/27/2005
Event:	CA107
Event date:	02/01/2005
Event:	CA610

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	02/01/2005
Event:	CMS Report Received
Event date:	02/02/2005
Event:	CA109
Event date:	02/02/2005
Event:	Decision On Petition For No Further Action
Event date:	02/11/2005
Event:	Date For Remedy Selection (CM Imposed)
Event date:	02/11/2005
Event:	Date For Remedy Selection (CM Imposed)
Event date:	02/25/2005
Event:	CA630
Event date:	02/28/2005
Event:	CMS Approved
Event date:	03/02/2005
Event:	CA630
Event date:	03/10/2005
Event:	CA186
Event date:	03/11/2005
Event:	CA336
Event date:	03/25/2005
Event:	CA186
Event date:	03/28/2005
Event:	CA770NG
Event date:	03/28/2005
Event:	CA772EP
Event date:	04/15/2005
Event:	CA640
Event date:	04/25/2005
Event:	CA186
Event date:	04/28/2005
Event:	CA630
Event date:	05/06/2005
Event:	RFI Report Received
Event date:	05/13/2005
Event:	RFI Report Received
Event date:	05/19/2005
Event:	CMS Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	06/02/2005
Event:	CMS Approved
Event date:	06/09/2005
Event:	CMS Approved
Event date:	06/15/2005
Event:	CA620
Event date:	06/22/2005
Event:	RFI Approved
Event date:	07/21/2005
Event:	CA610
Event date:	08/01/2005
Event:	CA104
Event date:	09/06/2005
Event:	CA105
Event date:	09/16/2005
Event:	CA645
Event date:	10/07/2005
Event:	RFI Workplan Received
Event date:	10/10/2005
Event:	CMS Approved
Event date:	10/12/2005
Event:	CA405
Event date:	10/12/2005
Event:	CA405
Event date:	10/21/2005
Event:	CA550NR
Event date:	10/21/2005
Event:	Corrective Action Process Terminated, No Further Action
Event date:	10/21/2005
Event:	Date For Remedy Selection (CM Imposed)
Event date:	10/21/2005
Event:	CA550NR
Event date:	10/21/2005
Event:	Corrective Action Process Terminated, No Further Action
Event date:	10/21/2005
Event:	Date For Remedy Selection (CM Imposed)
Event date:	10/21/2005
Event:	CA550NR

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date: 10/21/2005
Event: Corrective Action Process Terminated, No Further Action

Event date: 10/21/2005
Event: Date For Remedy Selection (CM Imposed)

Event date: 10/21/2005
Event: CA550NR

Event date: 10/21/2005
Event: Corrective Action Process Terminated, No Further Action

Event date: 10/21/2005
Event: Date For Remedy Selection (CM Imposed)

Event date: 10/21/2005
Event: Date For Remedy Selection (CM Imposed)

Event date: 10/21/2005
Event: Date For Remedy Selection (CM Imposed)

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Event date: 10/21/2005
Event: Date For Remedy Selection (CM Imposed)

Event date: 10/21/2005
Event: Date For Remedy Selection (CM Imposed)

Event date: 10/21/2005
Event: CA550NR

Event date: 10/21/2005
Event: CA770GW

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	10/21/2005
Event:	CA772EP
Event date:	10/21/2005
Event:	Corrective Action Process Terminated, No Further Action
Event date:	10/21/2005
Event:	Date For Remedy Selection (CM Imposed)
Event date:	10/21/2005
Event:	CA550NR
Event date:	10/21/2005
Event:	Corrective Action Process Terminated, No Further Action
Event date:	10/21/2005
Event:	Date For Remedy Selection (CM Imposed)
Event date:	10/21/2005
Event:	CA550NR
Event date:	10/21/2005
Event:	Corrective Action Process Terminated, No Further Action
Event date:	10/21/2005
Event:	Date For Remedy Selection (CM Imposed)
Event date:	11/01/2005
Event:	RFI Workplan Approved
Event date:	11/03/2005
Event:	CA630XG
Event date:	11/03/2005
Event:	CA630
Event date:	11/09/2005
Event:	CMS Workplan Received
Event date:	11/09/2005
Event:	CA107
Event date:	11/09/2005
Event:	Petition For No Further Action Receipt Date
Event date:	11/14/2005
Event:	CMS Approved
Event date:	01/19/2006
Event:	CA336
Event date:	01/23/2006
Event:	CA640
Event date:	03/20/2006
Event:	RFI Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	03/24/2006
Event:	CA104
Event date:	03/29/2006
Event:	CA184
Event date:	04/05/2006
Event:	CA334
Event date:	04/18/2006
Event:	CA186
Event date:	05/01/2006
Event:	CMS Report Received
Event date:	05/05/2006
Event:	CA105
Event date:	05/11/2006
Event:	CMS Approved
Event date:	05/30/2006
Event:	CA104
Event date:	06/08/2006
Event:	CA106
Event date:	07/20/2006
Event:	Decision On Petition For No Further Action
Event date:	07/20/2006
Event:	RFI Approved
Event date:	07/21/2006
Event:	CA610
Event date:	08/03/2006
Event:	CMS Workplan Approved
Event date:	08/03/2006
Event:	RFI Approved
Event date:	08/07/2006
Event:	CMS Approved
Event date:	08/16/2006
Event:	CA108
Event date:	09/18/2006
Event:	CA107
Event date:	09/18/2006
Event:	CA405
Event date:	10/01/2006
Event:	RFI Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	10/17/2006
Event:	CA108
Event date:	11/01/2006
Event:	RFI Approved
Event date:	11/07/2006
Event:	CA423
Event date:	11/29/2006
Event:	RFI Approved
Event date:	11/30/2006
Event:	CA336
Event date:	12/08/2006
Event:	CA423
Event date:	12/18/2006
Event:	CA107
Event date:	12/18/2006
Event:	CA107
Event date:	01/18/2007
Event:	CMS Workplan Approved
Event date:	02/05/2007
Event:	CA108
Event date:	02/15/2007
Event:	CA108
Event date:	03/29/2007
Event:	CA405
Event date:	03/29/2007
Event:	CA104
Event date:	03/29/2007
Event:	CMS Report Received
Event date:	04/03/2007
Event:	CA334
Event date:	04/23/2007
Event:	CA105
Event date:	05/01/2007
Event:	CA336
Event date:	05/01/2007
Event:	CA405
Event date:	05/15/2007
Event:	CA405

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	06/20/2007
Event:	CA334
Event date:	07/05/2007
Event:	CA405
Event date:	07/10/2007
Event:	CA405
Event date:	07/10/2007
Event:	CA334
Event date:	07/24/2007
Event:	CA405
Event date:	08/13/2007
Event:	CA550NR
Event date:	08/13/2007
Event:	CA550NR
Event date:	08/13/2007
Event:	CA550NR
Event date:	08/13/2007
Event:	CA550NR
Event date:	08/13/2007
Event:	CA550NR
Event date:	08/13/2007
Event:	CA550NR
Event date:	08/13/2007
Event:	CMI Workplan Approved
Event date:	08/13/2007
Event:	CMI Workplan Approved
Event date:	08/13/2007
Event:	CA550RC
Event date:	08/13/2007
Event:	CMI Workplan Approved
Event date:	08/13/2007
Event:	CMI Workplan Approved
Event date:	09/24/2007
Event:	Date For Public Notice On Proposed Remedy
Event date:	09/24/2007
Event:	Date For Remedy Selection (CM Imposed)
Event date:	10/08/2007
Event:	CA405

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	10/08/2007
Event:	CA405
Event date:	10/12/2007
Event:	CA405
Event date:	10/24/2007
Event:	RFI Workplan Received
Event date:	11/06/2007
Event:	CMS Approved
Event date:	11/19/2007
Event:	CMS Approved
Event date:	11/26/2007
Event:	CA405
Event date:	12/16/2007
Event:	Corrective Action Process Terminated, No Further Action
Event date:	12/16/2007
Event:	CA550NR
Event date:	12/16/2007
Event:	Corrective Action Process Terminated, No Further Action
Event date:	12/16/2007
Event:	CA550NR
Event date:	12/16/2007
Event:	Date For Remedy Selection (CM Imposed)
Event date:	12/16/2007
Event:	Corrective Action Process Terminated, No Further Action
Event date:	01/15/2008
Event:	CA405
Event date:	01/23/2008
Event:	CA107
Event date:	03/13/2008
Event:	RFI Workplan Received
Event date:	03/13/2008
Event:	RFI Workplan Received
Event date:	03/14/2008
Event:	CA423
Event date:	03/18/2008
Event:	RFI Workplan Approved
Event date:	03/18/2008
Event:	RFI Workplan Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	03/21/2008
Event:	CA423
Event date:	03/21/2008
Event:	CA423
Event date:	05/19/2008
Event:	CA405
Event date:	05/19/2008
Event:	CA405
Event date:	05/19/2008
Event:	CA405
Event date:	05/19/2008
Event:	CA405
Event date:	06/02/2008
Event:	CA423
Event date:	06/03/2008
Event:	CA423
Event date:	06/05/2008
Event:	CA423
Event date:	07/01/2008
Event:	CA423
Event date:	07/07/2008
Event:	CMI Workplan Approved
Event date:	07/07/2008
Event:	CA550NR
Event date:	07/07/2008
Event:	CA550RC
Event date:	07/07/2008
Event:	CA550NR
Event date:	07/07/2008
Event:	CA550NR
Event date:	07/08/2008
Event:	CMS Report Received
Event date:	07/11/2008
Event:	CA423
Event date:	07/11/2008
Event:	CA108
Event date:	07/21/2008
Event:	CMS Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	07/26/2008
Event:	CA520
Event date:	08/01/2008
Event:	CA525
Event date:	08/26/2008
Event:	CA405
Event date:	08/26/2008
Event:	CA405
Event date:	09/09/2008
Event:	CA520
Event date:	09/24/2008
Event:	CA550NR
Event date:	09/24/2008
Event:	CA550RC
Event date:	09/24/2008
Event:	CA550RC
Event date:	09/24/2008
Event:	CA550NR
Event date:	09/24/2008
Event:	CA550NR
Event date:	09/24/2008
Event:	CA550NR
Event date:	09/24/2008
Event:	CA550RC
Event date:	09/24/2008
Event:	CA550NR
Event date:	09/24/2008
Event:	CMI Workplan Approved
Event date:	10/01/2008
Event:	CA520
Event date:	10/21/2008
Event:	CA525
Event date:	10/28/2008
Event:	CA334
Event date:	11/21/2008
Event:	CA525
Event date:	12/31/2008
Event:	CA405

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date:	01/05/2009
Event:	CA645
Event date:	01/05/2009
Event:	CA550RC
Event date:	01/05/2009
Event:	CMI Workplan Approved
Event date:	01/05/2009
Event:	Corrective Measures Design Approved
Event date:	01/05/2009
Event:	CA336
Event date:	02/11/2009
Event:	CA334
Event date:	03/13/2009
Event:	CA107
Event date:	04/14/2009
Event:	CA405
Event date:	04/14/2009
Event:	CA520
Event date:	05/05/2009
Event:	CA550NR
Event date:	05/05/2009
Event:	Date For Remedy Selection (CM Imposed)
Event date:	05/05/2009
Event:	Corrective Action Process Terminated, No Further Action
Event date:	05/05/2009
Event:	CA520
Event date:	05/05/2009
Event:	CA109
Event date:	05/27/2009
Event:	CA525
Event date:	06/01/2009
Event:	CA336
Event date:	06/05/2009
Event:	CA525
Event date:	06/08/2009
Event:	CA423
Event date:	06/26/2009
Event:	CA520

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Event date: 08/04/2009
Event: CA520

Event date: 09/23/2009
Event: CA405

Event date: 10/06/2009
Event: CMI Workplan Approved

Event date: 10/06/2009
Event: CA550NR

Facility Has Received Notices of Violations:
Regulation violated: SR - 262.34(a)
Area of violation: TSD - Container Use and Management
Date violation determined: 12/08/1993
Date achieved compliance: 03/26/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/26/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173(c)
Area of violation: TSD - Container Use and Management
Date violation determined: 12/08/1993
Date achieved compliance: 03/26/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/26/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34(a)2
Area of violation: TSD - Container Use and Management
Date violation determined: 12/08/1993
Date achieved compliance: 03/26/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/26/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.73(d)
Area of violation: TSD - Container Use and Management

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date violation determined: 12/08/1993
Date achieved compliance: 03/26/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 01/26/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 270.1(b)
Area of violation: TSD - General
Date violation determined: 10/19/1993
Date achieved compliance: 08/01/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/29/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 270.1(b)
Area of violation: TSD - General
Date violation determined: 10/19/1993
Date achieved compliance: 08/01/1994
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 11/22/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 270.1(b)
Area of violation: TSD - General
Date violation determined: 10/19/1993
Date achieved compliance: 08/01/1994
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 05/09/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 125000
Final penalty amount: 0
Paid penalty amount: 125000

Regulation violated: SR - 262.34
Area of violation: TSD - Container Use and Management
Date violation determined: 02/16/1993

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date achieved compliance: 02/16/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 03/08/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34i
Area of violation: TSD - Container Use and Management
Date violation determined: 02/16/1993
Date achieved compliance: 02/16/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 03/08/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.171
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1992
Date achieved compliance: 06/26/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/20/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173
Area of violation: TSD - Container Use and Management
Date violation determined: 03/23/1992
Date achieved compliance: 06/26/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/20/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 261.4
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 09/04/1991
Date achieved compliance: 07/06/1992

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 270.1
Area of violation: TSD - Tank System Standards
Date violation determined: 09/04/1991
Date achieved compliance: 07/06/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/14/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 270.1
Area of violation: TSD - Tank System Standards
Date violation determined: 09/04/1991
Date achieved compliance: 07/06/1992
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/06/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 261.4
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 09/04/1991
Date achieved compliance: 07/06/1992
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/06/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 270.1
Area of violation: TSD - Tank System Standards
Date violation determined: 09/04/1991
Date achieved compliance: 07/06/1992
Violation lead agency: State

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Enforcement action: Not reported
Enforcement action date: 10/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 261.4
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 09/04/1991
Date achieved compliance: 07/06/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/30/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.171
Area of violation: TSD - General
Date violation determined: 07/09/1991
Date achieved compliance: 09/30/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/29/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.173
Area of violation: TSD - General
Date violation determined: 07/09/1991
Date achieved compliance: 09/30/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/29/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.35
Area of violation: TSD - General
Date violation determined: 07/09/1991
Date achieved compliance: 09/30/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Enforcement action date: 07/29/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 264.15(D)
Area of violation: TSD - General
Date violation determined: 07/09/1991
Date achieved compliance: 09/30/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/29/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/21/1990
Date achieved compliance: 04/25/1991
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/18/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/21/1990
Date achieved compliance: 04/25/1991
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/18/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 08/21/1990
Date achieved compliance: 04/25/1991
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/22/1991

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 08/21/1990
Date achieved compliance: 04/25/1991
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/22/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 04/24/1989
Date achieved compliance: 11/01/1989
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 04/24/1989
Date achieved compliance: 11/01/1989
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/20/1988
Date achieved compliance: 03/31/1988
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 03/31/1988
Enf. disposition status: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 01/20/1988
Date achieved compliance: 03/31/1988
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/20/1988
Date achieved compliance: 03/31/1988
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 04/30/1987
Date achieved compliance: 01/20/1988
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/29/2008
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/04/2003
Evaluation: NON-FINANCIAL RECORD REVIEW

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/11/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/19/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/01/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/23/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/16/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/01/1994
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/29/1994
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 03/26/1994
Evaluation lead agency: State

Evaluation date: 12/08/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Evaluation date: 10/19/1993
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/19/1993
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: TSD - General
Date achieved compliance: 08/01/1994
Evaluation lead agency: State

Evaluation date: 02/16/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 02/16/1993
Evaluation lead agency: State

Evaluation date: 07/06/1992
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/26/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/23/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 06/26/1992
Evaluation lead agency: State

Evaluation date: 09/30/1991
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/04/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 07/06/1992
Evaluation lead agency: State

Evaluation date: 09/04/1991
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: TSD - Tank System Standards
Date achieved compliance: 07/06/1992
Evaluation lead agency: State

Evaluation date: 09/04/1991
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/09/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/30/1991
Evaluation lead agency: State

Evaluation date: 08/21/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/25/1991
Evaluation lead agency: EPA

Evaluation date: 08/21/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/25/1991
Evaluation lead agency: EPA

Evaluation date: 04/24/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 11/01/1989
Evaluation lead agency: EPA

Evaluation date: 04/24/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 11/01/1989
Evaluation lead agency: EPA

Evaluation date: 03/31/1988
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/20/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/31/1988
Evaluation lead agency: EPA

Evaluation date: 01/20/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/31/1988
Evaluation lead agency: EPA

Evaluation date: 04/30/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/20/1988
Evaluation lead agency: EPA

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Evaluation date: 06/24/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/24/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CERCLIS:
Site ID: 0404802
Federal Facility: Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS Site Contact Name(s):
Contact Name: Corey Hendrix
Contact Tel: (404) 562-8738
Contact Title: Site Assessment Manager (SAM)

Contact Name: Dann Spariosu
Contact Tel: (404) 562-8552
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

Contact Name: Tim Woolheater
Contact Tel: (404) 562-8510
Contact Title: Remedial Project Manager (RPM)

CERCLIS Site Alias Name(s):
Alias Name: NAVAL SHIPYARD - CHARLESTON
Alias Address: Not reported
CHARLESTON, SC
Alias Name: CHARLESTON NAVAL SHIPYARD
Alias Address: VIADUCT ROAD
CHARLESTON, SC 37401
Site Description: LISTED UNDER RCRA 3010 & 3016 / PLACED ON FED FAC COMPLIANCE DOCKET.
Confirmed RCRA deferral with C. Falconer. (Mike Norman 12/19/2005)

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 02/12/88
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 03/15/82

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 04/15/88
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: PRELIMINARY ASSESSMENT
Date Started: 03/15/88
Date Completed: 04/15/88
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 01/08/93
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: HAZARD RANKING SYSTEM PACKAGE
Date Started: 12/14/93
Date Completed: 12/14/94
Priority Level: Deferred to RCRA (Subtitle C)

Action: FEDERAL FACILITY REMOVAL
Date Started: 10/30/98
Date Completed: 10/12/99
Priority Level: Cleaned up

Action: FEDERAL FACILITY REMOVAL
Date Started: 08/01/99
Date Completed: 10/12/99
Priority Level: Cleaned up

Action: FEDERAL FACILITY REMOVAL
Date Started: 07/20/98
Date Completed: 10/15/99
Priority Level: Stabilized

Action: FEDERAL FACILITY REMOVAL
Date Started: 06/15/98
Date Completed: 11/17/99
Priority Level: Cleaned up

Action: FEDERAL FACILITY REMOVAL
Date Started: 03/15/98
Date Completed: 11/29/99
Priority Level: Cleaned up

Action: FEDERAL FACILITY REMOVAL
Date Started: 10/01/99
Date Completed: 12/14/99
Priority Level: Cleaned up

Action: FEDERAL FACILITY REMOVAL
Date Started: 09/15/98
Date Completed: 02/02/00
Priority Level: Not reported

Action: FEDERAL FACILITY REMOVAL
Date Started: 10/31/98
Date Completed: 02/02/00
Priority Level: Cleaned up

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: FEDERAL FACILITY REMOVAL
Date Started: 07/07/98
Date Completed: 02/15/00
Priority Level: Cleaned up

Action: FEDERAL FACILITY REMOVAL
Date Started: 03/23/98
Date Completed: 03/23/00
Priority Level: Cleaned up

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 03/29/01
Date Completed: 03/29/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 12/15/00
Date Completed: 07/03/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 04/25/01
Date Completed: 07/16/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/16/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/22/01
Date Completed: 09/18/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/19/01
Date Completed: 09/18/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/19/01
Date Completed: 09/18/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/18/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 04/01/01
Date Completed: 10/01/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 10/02/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/02/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/10/00
Date Completed: 10/10/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 11/20/00
Date Completed: 11/20/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/01
Date Completed: 11/20/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 09/01/01
Date Completed: 11/20/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/01
Date Completed: 11/20/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 11/20/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 11/20/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 04/01/01
Date Completed: 11/21/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 11/21/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 03/09/99
Date Completed: 11/29/01
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 11/09/01
Date Completed: 11/30/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 11/30/01
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 09/19/01
Date Completed: 01/10/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/10/01
Date Completed: 01/10/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/10/01
Date Completed: 01/16/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 01/16/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 10/30/01
Date Completed: 02/21/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/17/01
Date Completed: 03/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 11/02/01
Date Completed: 03/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 12/07/00
Date Completed: 04/25/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 04/25/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 02/02/02
Date Completed: 05/03/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 02/02/02
Date Completed: 05/03/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/03/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/03/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 02/09/01
Date Completed: 05/06/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 08/07/01
Date Completed: 05/06/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 03/29/02
Date Completed: 05/06/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/06/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/30/01
Date Completed: 05/09/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/30/01
Date Completed: 05/09/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 02/02/02
Date Completed: 05/09/02
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/09/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/09/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/09/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/01
Date Completed: 05/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/01
Date Completed: 05/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 03/05/02
Date Completed: 05/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 01/15/02
Date Completed: 05/21/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/21/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 01/12/02

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 05/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 01/28/02
Date Completed: 05/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 02/11/02
Date Completed: 06/14/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 02/11/02
Date Completed: 06/14/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 06/14/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 06/14/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 11/20/01
Date Completed: 06/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 11/20/01
Date Completed: 06/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 11/20/01
Date Completed: 06/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 06/20/02
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 06/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 06/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 11/01/01
Date Completed: 07/01/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 11/15/01
Date Completed: 07/02/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 07/17/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 03/01/02
Date Completed: 08/19/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 08/19/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 03/10/02
Date Completed: 08/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 08/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 08/20/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 08/23/02
Date Completed: 08/26/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 08/26/02
Priority Level: Not reported

Action: FEDERAL FACILITY FEASIBILITY STUDY
Date Started: 06/10/98
Date Completed: 09/01/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 09/05/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/05/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/14/02
Date Completed: 09/09/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/09/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/01/02
Date Completed: 09/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/01/02
Date Completed: 09/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/13/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/01/02
Date Completed: 09/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/24/02
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 08/05/02
Date Completed: 10/02/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 10/03/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/03/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 10/15/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 01/01/02
Date Completed: 10/18/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 02/28/02
Date Completed: 10/18/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/18/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/18/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 01/02/02
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 07/31/02

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 10/20/02
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/24/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 01/05/02
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 05/31/02
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 06/14/02
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 10/29/02
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/03/02
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/05/02
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/29/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 11/18/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 11/18/02
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 02/03/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/01/02
Date Completed: 02/18/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 02/18/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 10/01/01
Date Completed: 02/27/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 10/01/01
Date Completed: 02/27/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 02/27/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 01/03/03
Date Completed: 03/06/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 08/01/02
Date Completed: 03/10/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 04/03/02
Date Completed: 03/19/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 03/19/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 01/19/03
Date Completed: 03/19/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/19/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/19/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 08/20/02
Date Completed: 03/21/03
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/01
Date Completed: 04/04/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 04/04/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 06/13/02
Date Completed: 04/10/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 08/01/02
Date Completed: 04/18/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 01/29/03
Date Completed: 04/24/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 04/03/02
Date Completed: 04/25/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 04/25/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 03/25/02
Date Completed: 04/30/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 04/30/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 04/15/03
Date Completed: 05/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 05/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 10/01/02
Date Completed: 05/07/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 05/07/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 10/25/02
Date Completed: 05/07/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 04/10/03
Date Completed: 05/07/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/07/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/07/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 05/09/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/09/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 03/25/02
Date Completed: 05/15/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 04/01/03
Date Completed: 05/15/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 05/20/03
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 04/01/02
Date Completed: 05/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 05/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 05/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 05/22/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/22/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 05/29/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/29/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 06/16/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/01

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 07/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 07/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 05/21/03
Date Completed: 07/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/19/02
Date Completed: 07/03/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/03/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 05/08/03
Date Completed: 07/28/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/28/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 11/15/01
Date Completed: 07/31/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/02
Date Completed: 08/04/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 04/18/03
Date Completed: 08/05/03
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 08/05/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: Not reported
Date Completed: 08/05/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 08/05/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 03/06/03
Date Completed: 08/06/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE CONSTRUCTION
Date Started: 08/05/03
Date Completed: 08/06/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 08/06/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 04/04/03
Date Completed: 08/13/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 05/20/03
Date Completed: 08/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 08/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: 07/01/03
Date Completed: 08/26/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 08/28/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 05/31/02

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 09/19/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 04/01/03
Date Completed: 09/19/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 07/02/03
Date Completed: 09/25/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 09/25/03
Date Completed: 09/25/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 11/01/01
Date Completed: 10/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 10/15/02
Date Completed: 10/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/01/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/01/02
Date Completed: 10/09/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/09/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/21/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/24/03
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/24/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/15/02
Date Completed: 10/28/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/28/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: 08/14/03
Date Completed: 11/11/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 12/03/03
Date Completed: 12/03/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/01
Date Completed: 12/04/03
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/01/02
Date Completed: 01/15/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 05/31/02
Date Completed: 01/16/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/20/02
Date Completed: 01/16/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/15/02
Date Completed: 01/16/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 10/01/03
Date Completed: 01/16/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 01/16/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 01/16/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 01/22/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 11/05/02
Date Completed: 01/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 10/01/03
Date Completed: 02/19/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 02/19/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 07/01/02
Date Completed: 03/02/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/20/02
Date Completed: 03/03/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 11/01/01
Date Completed: 03/10/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 08/01/02
Date Completed: 03/10/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: 10/15/03
Date Completed: 03/10/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/10/04
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE CONSTRUCTION
Date Started: Not reported
Date Completed: 03/10/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 03/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 03/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 03/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 03/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 08/28/03
Date Completed: 04/27/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 10/15/03
Date Completed: 06/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 07/01/02
Date Completed: 07/08/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/01
Date Completed: 07/30/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 01/10/02

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 07/30/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/30/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 08/31/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 05/01/02
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/24/04
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 09/24/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 06/01/02
Date Completed: 10/15/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 06/20/02
Date Completed: 10/21/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 03/10/04
Date Completed: 10/21/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/21/04
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 04/01/04
Date Completed: 03/25/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/11/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 06/02/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: Not reported
Date Completed: 06/02/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 07/30/04
Date Completed: 06/08/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: 02/05/05
Date Completed: 06/15/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 03/02/03
Date Completed: 06/22/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/01/04
Date Completed: 06/22/05
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 06/24/04
Date Completed: 10/01/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 10/01/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 11/21/01
Date Completed: 10/15/05
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: 10/21/04
Date Completed: 02/15/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 05/22/04
Date Completed: 05/11/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 05/21/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 10/15/02
Date Completed: 06/16/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 06/16/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: 09/01/05
Date Completed: 07/07/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/07/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 07/10/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Date Completed: 07/20/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT INTERIM/STABILIZATION MEASURE
Date Started: 04/15/03
Date Completed: 11/10/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 02/02/02
Date Completed: 12/12/06
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE CONSTRUCTION
Date Started: 11/01/05
Date Completed: 01/16/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT SB/RTC
Date Started: Not reported
Date Completed: 04/20/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE STUDY
Date Started: Not reported
Date Completed: 04/26/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: Not reported
Date Completed: 05/08/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE CONSTRUCTION
Date Started: Not reported
Date Completed: 06/01/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: 08/26/04
Date Completed: 07/08/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE CONSTRUCTION
Date Started: Not reported
Date Completed: 07/09/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: 06/22/07
Date Completed: 10/05/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE CONSTRUCTION
Date Started: 02/01/05
Date Completed: 10/31/07
Priority Level: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION
Date Started: 04/14/03
Date Completed: 12/22/07
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE CONSTRUCTION
Date Started: Not reported
Date Completed: 07/30/08
Priority Level: Not reported

Action: RESOURCE CONSERVATION AND RECOVERY ACT CORRECTIVE MEASURE DESIGN
Date Started: Not reported
Date Completed: 09/30/09
Priority Level: Not reported

Action: Restoration Advisory Board
Date Started: 08/31/93
Date Completed: Not reported
Priority Level: Not reported

CORRACTS:

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 1/2/1996
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 1/2/1997
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 1/3/1990
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 11/04/1990
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Actual Date: 1/5/1998
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 1/5/2009
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 1/5/2009
Action: CA645
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 1/5/2009
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 1/5/2009
Action: CA450 - Corrective Measures Design Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 1/5/2009
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 525 (ZONE E)
Actual Date: 1/6/2004
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 1/6/2004
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 1/6/2004
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 1/8/1996
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 1/8/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 1/8/2002
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 1/10/1995
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 02/06/1995
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 1/10/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 1/10/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 1/11/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 1/11/2010
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 1/13/1997

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 1/13/1998
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 1/13/1999
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 1/13/1999
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 1/13/2005
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 1/14/2004
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 1/14/2004
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 1/15/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 1/15/2002
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 1/15/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 1/15/2002
Action: CAX190G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 720 (ZONE G)
Actual Date: 1/15/2003
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: Long Term Monitoring [LTM] Sites
Actual Date: 1/15/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 1/16/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 628 (ZONE G)
Actual Date: 1/16/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 628 (ZONE G)
Actual Date: 1/16/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 24 (ZONE G)
Actual Date: 1/17/2003
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 24 (ZONE G)
Actual Date: 1/17/2003
Action: CA260 - CMS Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 1/18/2002
Action: CA645
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 1/18/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 1/18/2005
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 1/18/2007
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE G - PCB LOCATIONS
Actual Date: 1/19/1999
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 17 (ZONE H)
Actual Date: 1/19/2006
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 1/23/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 1/23/2002
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 1/23/2006
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 1/23/2008
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 1/24/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 1/24/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 1/25/2010
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 1/26/1996
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 1/26/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 1/27/2000
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 199
Actual Date: 1/27/2005
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 199
Actual Date: 1/27/2005
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 1/28/2003
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 1/28/2004
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 1/29/1999
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 1/29/1999
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 1/30/1998

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 1/30/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 1/30/2001
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 1/31/1997
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 2/1/2005
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 2/1/2005
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 199
Actual Date: 2/2/2005
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 199
Actual Date: 2/2/2005
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 2/3/1991
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 2/3/2000
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 2/3/2003
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 09/30/2002
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 2/3/2010
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 2/5/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 574
Actual Date: 2/5/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 2/5/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 2/5/2002
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 2/5/2007
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 2/6/1995
Action: CA010 - RFA Initiation

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 2/6/1997
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 2/6/1997
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 2/7/2002
Action: CA106
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 185 (ZONE K)
Actual Date: 2/8/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 185 (ZONE K)
Actual Date: 2/8/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 39 (ZONE A)
Actual Date: 2/9/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 2/9/2004
Action: CA320 - CMS Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 2/10/2003
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 2/10/2003
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 2/11/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 2/11/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 528 (ZONE E)
Actual Date: 2/11/2003
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 651
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 706
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 650
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 724
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 19
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 637
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 20
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 649
Actual Date: 2/11/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 2/11/2009

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 2/13/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 2/14/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 2/14/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 2/14/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 574
Actual Date: 2/14/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 2/14/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 2/14/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 2/14/2001
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 2/15/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 2/15/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 720 (ZONE G)
Actual Date: 2/15/2003
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 2/15/2007
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 2/17/1994
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 02/18/1994
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 2/17/1994
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 2/17/1999
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 2/18/1999
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 2/18/2003
Action: CA170 - RFI Supplemental Information Deemed Satisfactory

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 2/19/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 24 (ZONE G)
Actual Date: 2/19/2003
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 24 (ZONE G)
Actual Date: 2/19/2003
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 2/20/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 2/21/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ENTIRE FACILITY
Actual Date: 2/21/2001
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 2/21/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE A GRID SAMPLE #6 AREA
Actual Date: 2/22/1999
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 2/22/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 2/25/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 2/25/2003
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 2/25/2003
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 2/25/2003
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 2/25/2003
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EARLY TRANSFER
Actual Date: 2/25/2005
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 2/26/2003
Action: CA640XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 03/31/2002
Schedule end date: 06/30/2002

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 2/26/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 2/27/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 2/27/2001
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 2/27/2003
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 2/28/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 2/28/2001
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 571 (ZONE E)
Actual Date: 2/28/2003

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 2/28/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 2/28/2005
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 646 (ZONE G)
Actual Date: 3/2/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 3/2/2001
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 3/2/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 646 (ZONE G)
Actual Date: 3/2/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 3/2/2004
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 3/2/2005
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 3/3/1997
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 3/3/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 3/3/2003
Action: CA334XG
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 3/3/2003
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/4/1991
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 03/05/1991
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/4/1991
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 02/13/1991
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/4/1991
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 03/05/1991
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 3/4/1996
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 3/5/1998
Action: CA184

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 3/5/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 3/5/2002
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 3/5/2004
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 3/6/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 3/7/2003
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ZONES C & I
Actual Date: 3/9/1996
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 3/9/1999
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/10/1994
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/10/1995
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 03/06/1995
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 3/10/2004
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 3/10/2005
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 3/11/1999
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 3/11/2005
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 3/12/1999
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 3/12/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/13/1996
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/13/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 3/13/1996
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 3/13/2008
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 3/13/2008
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 3/13/2009
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 3/14/2008
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 646 (ZONE G)
Actual Date: 3/15/1999

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 646 (ZONE G)
Actual Date: 3/15/1999
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 3/15/2001
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 3/15/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 3/16/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 3/16/1999
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: ZONES A & B
Actual Date: 3/16/1999
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 3/17/1997
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 3/17/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 538 & 539 (ZONE E)
Actual Date: 3/17/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 711,715 & 718
Actual Date: 3/17/2003
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 711,715 & 718
Actual Date: 3/17/2004
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 3/18/2008
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 3/18/2008
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 3/19/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 3/19/2001
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 3/19/2001
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 3/19/2003
Action: CA350 - CMS Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 3/20/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 3/20/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 3/20/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 3/20/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 3/20/2006
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 163 (ZONE K)
Actual Date: 3/20/2006
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 3/21/2008
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 3/21/2008
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 3/23/1999
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 3/23/2001
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 711,715 & 718
Actual Date: 3/24/2004
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 711,715 & 718
Actual Date: 3/24/2004
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 3/24/2006
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 3/25/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 3/25/2002
Action: CA630XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 10/31/2001
Schedule end date: 12/31/2002

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 3/25/2003
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 3/25/2005
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: CAMP SCHEDULE
Actual Date: 3/26/1996
Action: CA000
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 3/26/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 3/27/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/28/1991
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/28/1991
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 3/28/1996

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 3/28/2005
Action: CA772EP
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 3/28/2005
Action: CA770NG
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 3/29/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 3/29/2002
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 3/29/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 3/29/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 3/29/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 3/29/2006
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 3/29/2007
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 3/29/2007
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: LUC SITES
Actual Date: 3/29/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/30/1991
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 3/31/1992
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 3/31/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE G - PCB LOCATIONS
Actual Date: 3/31/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 3/31/1999
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 3/31/2000

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 4/1/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/1/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 4/1/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 4/1/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 4/2/1998
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 4/2/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 4/2/2003
Action: CAX200G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 4/3/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 4/3/2007
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/4/1994
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 4/4/1996
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 4/4/1997
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 4/4/2001
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 4/4/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 4/4/2001
Action: CA630XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 07/31/2001
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 4/4/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 4/5/2006
Action: CA334

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 655,656,666 (ZONE H)
Actual Date: 4/6/1999
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 634 (ZONE G)
Actual Date: 4/6/2001
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 634 (ZONE G)
Actual Date: 4/6/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 4/7/2003
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 4/8/2002
Action: CA640XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 01/31/2002
Schedule end date: 06/30/2002

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: EI PROJECT SCHEDULED
Actual Date: 4/8/2003
Action: CA640XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 02/28/2002
Schedule end date: 06/30/2002

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 (ZONE E)
Actual Date: 4/9/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 4/9/2003
Action: CAX200G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 4/9/2004
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 4/11/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 4/12/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/12/2001
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 4/12/2001
Action: CA630XG
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 4/14/1998
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 4/14/2009
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 4/14/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/15/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 4/15/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 4/15/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 4/15/2005
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/16/1996
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/16/1997
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 4/16/1998

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 4/17/2003
Action: CA320 - CMS Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 4/18/2003
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 4/18/2006
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 4/20/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 4/20/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: ZONE H
Actual Date: 4/21/2000
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 4/21/2000
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 4/21/2003
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 4/21/2003
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 525 (ZONE E)
Actual Date: 4/21/2004
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 4/21/2004
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 4/22/1998
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 37
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 4/22/2002
Action: CA550NR

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 506 (ZONE A)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 506 (ZONE A)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 506 (ZONE A)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 504
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 504
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 504
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 4/22/2002

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 37
Actual Date: 4/22/2002
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 37
Actual Date: 4/22/2002
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 4/22/2002
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 4/23/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 4/23/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 4/23/2001
Action: CA640

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 4/23/2003
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 4/23/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 4/23/2007
Action: CA105
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: CAMP SCHEDULE
Actual Date: 4/24/1996
Action: CA000
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 4/24/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 4/24/2003
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 4/24/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 4/25/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 4/25/2002
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 4/25/2005
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 4/26/1999
Action: CA310 - CMS Supplemental Information Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 4/27/1998
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 4/27/1998
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 4/28/1994
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 4/28/2005
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 4/29/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 508 & 511
Actual Date: 4/30/2002
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 508 & 511
Actual Date: 4/30/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 5/1/1995
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 5/1/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 5/1/2002
Action: CA640XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 11/30/2001
Schedule end date: 09/30/2002

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 5/1/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 5/1/2003

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action:	CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	SWMU 17 (ZONE H)
Actual Date:	5/1/2006
Action:	CA340 - CMS Report Received
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	SWMU 39 (ZONE A)
Actual Date:	5/1/2007
Action:	CA405
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	AOCS 500-503 (UXOS)
Actual Date:	5/1/2007
Action:	CA336
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	AOC 709 (ZONE F)
Actual Date:	5/2/2001
Action:	CA610
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	SWMU 24 (ZONE G)
Actual Date:	5/3/2002
Action:	CA190 - RFI Report Received
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 5/4/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 5/4/2001
Action: CA630XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 07/31/2001
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 5/5/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 5/5/1998
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 5/5/2003
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 5/5/2003
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 5/5/2006
Action: CA105
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 636
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 637
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 19
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 5/5/2009
Action: CA520

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 649
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 650
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 651
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 680
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 706
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 721
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 724
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 5/5/2009
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 5/5/2009
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 5/5/2009
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 5/5/2009
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 544
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 546
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 564
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 574
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 121
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 5/5/2009

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 613
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 617
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 621
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 172
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 20
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 83
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 84
Actual Date: 5/5/2009
Action: CA520

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 87
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 503
Actual Date: 5/5/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 5/6/1996
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 120 (ZONE G)
Actual Date: 5/6/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 5/6/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 5/6/2002
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 5/6/2002
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 120 (ZONE G)
Actual Date: 5/6/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 571 (ZONE E)
Actual Date: 5/6/2003
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 5/6/2005
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 5/7/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 709 (ZONE F)
Actual Date: 5/7/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 5/8/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 5/9/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 5/9/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 5/11/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 5/11/2006
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 5/13/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 5/13/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 508 & 511
Actual Date: 5/13/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 5/13/2003

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 5/13/2003
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 5/13/2005
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 5/14/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 5/14/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 5/15/2003
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 5/15/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 5/16/2000
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 5/17/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 5/18/1993
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 05/18/1993
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 5/18/1994
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 05/18/1994
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE G - PCB LOCATIONS
Actual Date: 5/18/1998
Action: CA630

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 5/18/1998
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 5/18/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 5/18/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 5/19/1998
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 5/19/1998
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 723 (ZONE E)
Actual Date: 5/19/2005
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 5/19/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 5/19/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 5/19/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 5/19/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 5/20/2002
Action: CAX350G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 571 (ZONE E)
Actual Date: 5/20/2003
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 5/20/2003
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 5/21/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 5/21/2003
Action: CA320 - CMS Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 5/22/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 709 (ZONE F)
Actual Date: 5/22/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 5/22/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 5/22/2001
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 538 & 539 (ZONE E)
Actual Date: 5/22/2003
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 5/22/2003
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 5/22/2003
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 5/23/1995

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action:	CA160 - RFI Supplemental Information Received
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ENTIRE FACILITY
Actual Date:	5/23/2001
Action:	CA102
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ENTIRE FACILITY
Actual Date:	5/23/2001
Action:	CA050 - RFA Completed
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	AOC 707 & 708
Actual Date:	5/23/2002
Action:	CA370 - Petition For No Further Action Receipt Date
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date:	5/23/2002
Action:	CA109
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ZONE D
Actual Date:	5/24/1999
Action:	CA186
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 25 (ZONE E)
Actual Date: 5/24/1999
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 5/27/1999
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 5/27/1999
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 5/27/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 87
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 503
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 636
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 637
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 19
Actual Date: 5/27/2009
Action: CA525

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 649
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 650
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 651
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 680
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 706
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 724
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 544
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 546
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 564
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 574
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 121
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 613
Actual Date: 5/27/2009

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 617
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 621
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 172
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 20
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 83
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 84
Actual Date: 5/27/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 5/28/1998
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 5/28/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 5/30/1995
Action: CA110 - RFI Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 5/30/1997
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 5/30/2000
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 5/30/2006
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 5/31/1996
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 5/31/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ENTIRE FACILITY
Actual Date: 6/1/1994
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 06/01/1994
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 6/1/2009
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 6/2/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 6/2/2005
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 6/2/2008
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 6/3/2008
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 657,658,664,668,669,674,682,683,686
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCs509,514,521,524,527,529,532-536,545
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCs509,514,521,524,527,529,532-536,545
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCs509,514,521,524,527,529,532-536,545
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS565,568,577,581,582,584,585,587-589
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS565,568,577,581,582,584,585,587-589
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS565,568,577,581,582,584,585,587-589
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/4/1990
Action: CA100 - RFI Imposition
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 594
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 594
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 594
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 697 AND 705
Actual Date: 6/4/1990

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 697 AND 705
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 697 AND 705
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 595,600,601,606,608,610,612,614,618
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 595,600,601,606,608,610,612,614,618
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 595,600,601,606,608,610,612,614,618
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOCS 630,632,639,640,644,645,647,648,652
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 630,632,639,640,644,645,647,648,652
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 630,632,639,640,644,645,647,648,652
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 657,658,664,668,669,674,682,683,686
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 657,658,664,668,669,674,682,683,686
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS66,68,69,71-79,82,85,86,88-96,98,99
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS66,68,69,71-79,82,85,86,88-96,98,99
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS66,68,69,71-79,82,85,86,88-96,98,99
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 26-35,41,45,46,48-52,55-62,64
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 26-35,41,45,46,48-52,55-62,64
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 26-35,41,45,46,48-52,55-62,64
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS101,103,105,107,108,110-119,122-135
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS101,103,105,107,108,110-119,122-135
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS101,103,105,107,108,110-119,122-135
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS137,139-144,146-158,160,165,167-169
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS137,139-144,146-158,160,165,167-169
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS137,139-144,146-158,160,165,167-169
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMUS174,176,180,182-184,186,187,189-195
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS174,176,180,182-184,186,187,189-195
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS174,176,180,182-184,186,187,189-195
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 547
Actual Date: 6/4/1990
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 547
Actual Date: 6/4/1990
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 547
Actual Date: 6/4/1990
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 6/4/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 626
Actual Date: 6/4/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 6/5/2008
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 6/5/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 6/6/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 6/6/1995
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 6/6/1997
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 6/7/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 6/7/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 6/7/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 6/7/2004
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/8/1994

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 6/8/2006
Action: CA106
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 6/8/2009
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 6/9/2005
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 24 (ZONE G)
Actual Date: 6/10/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/11/1992
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: ZONE J
Actual Date: 6/12/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 6/12/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/13/1994
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 06/10/1994
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 6/13/2000
Action: CA310 - CMS Supplemental Information Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 6/13/2000
Action: CA310 - CMS Supplemental Information Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 6/13/2003
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 6/14/1999
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 6/14/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 6/14/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 6/14/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 6/14/2004
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 6/14/2004
Action: CA200 - RFI Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 6/15/2004
Action: CA645
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 6/15/2005
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 6/16/1997
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 6/16/1998
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 6/16/1999
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ENTIRE FACILITY
Actual Date: 6/17/1996
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 6/17/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 6/17/2003
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 6/18/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 6/18/1999
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 6/18/1999
Action: CAX200G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 136 & AOC 663 (ZONE H)
Actual Date: 6/18/1999
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 6/18/1999
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 (ZONE E)
Actual Date: 6/18/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 6/18/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 6/18/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 6/19/1996
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 6/19/1998
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 6/19/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 6/19/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 576 (ZONE E)
Actual Date: 6/20/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 6/20/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 576 (ZONE E)
Actual Date: 6/20/2002

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action:	CA195 - FI Progress Reports Received
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	AOCS 500-503 (UXOS)
Actual Date:	6/20/2007
Action:	CA334
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ZONES A & B
Actual Date:	6/21/1995
Action:	CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	SWMU 25 (ZONE E)
Actual Date:	6/21/1999
Action:	CA630
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ZONE D
Actual Date:	6/21/2001
Action:	CA184
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	AOC 598 & AOC 599 (ZONE E)
Actual Date:	6/21/2002
Action:	CA107
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 6/21/2004
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 6/22/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 6/22/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 6/22/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 6/22/2005
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 6/24/1991
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 6/24/2004
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 6/25/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 6/25/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 6/25/1999
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 6/25/1999
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 6/25/1999
Action: CA334

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 6/25/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 638 (ZONE G)
Actual Date: 6/25/2001
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 6/25/2004
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 6/25/2004
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 6/26/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 39 (ZONE A)
Actual Date: 6/26/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 6/26/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 6/26/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 6/26/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 6/26/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 6/26/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 185 (ZONE K)
Actual Date: 6/28/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 185 (ZONE K)
Actual Date: 6/28/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 6/28/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 6/28/2002
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 6/28/2002
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 6/28/2004
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 6/28/2004
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 6/29/1995
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 6/29/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 6/29/1999
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 6/30/1999
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 6/30/1999

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 6/30/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 6/30/2003
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 6/30/2003
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 7/1/2003
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 7/1/2003
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: Long Term Monitoring [LTM] Sites
Actual Date: 7/1/2008
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 7/2/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/3/1997
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 7/3/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 7/3/2003
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 7/5/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/6/1994
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 7/7/1999
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 7/7/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 7/7/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 7/7/2004
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 713 & 716
Actual Date: 7/7/2004
Action: CA108

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 548
Actual Date: 7/7/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 7/7/2008
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 7/7/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 7/7/2008
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 7/7/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 25 (ZONE E)
Actual Date: 7/7/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 549
Actual Date: 7/7/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 554
Actual Date: 7/7/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 7/7/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 22
Actual Date: 7/7/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 7/7/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/8/1994
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 7/8/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 7/8/1997
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 558 (ZONE E)
Actual Date: 7/8/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 7/8/2008
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 7/9/2001
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 7/10/1996
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 7/10/2007
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 7/10/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 7/11/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 7/11/2008
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 7/11/2008

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 7/12/1999
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 598 & AOC 599 (ZONE E)
Actual Date: 7/12/2002
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 7/13/2000
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 7/13/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE G - PCB LOCATIONS
Actual Date: 7/14/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: ZONES A & B
Actual Date: 7/14/1998
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 7/16/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 634 (ZONE G)
Actual Date: 7/16/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 634 (ZONE G)
Actual Date: 7/16/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 7/16/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 7/17/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 7/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 576 (ZONE E)
Actual Date: 7/17/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 7/18/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 7/18/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 7/18/2003
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 7/18/2003
Action: CA190 - RFI Report Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 7/19/1996
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 7/19/1996
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 7/19/2000
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 7/20/2006
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 7/20/2006
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 574
Actual Date: 7/21/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 7/21/1997
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 7/21/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 7/21/1999
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 7/21/2005
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 7/21/2006
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 7/21/2008
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 7/22/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 7/22/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 188 (ZONE E)
Actual Date: 7/22/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 7/23/1999
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 517 & 523 (ZONE E)
Actual Date: 7/23/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 7/23/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 517 & 523 (ZONE C)
Actual Date: 7/23/2001
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 517 & 523 (ZONE E)
Actual Date: 7/23/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 7/23/2004
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 7/23/2004
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 7/24/1995

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 7/24/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 161 (ZONE K)
Actual Date: 7/24/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 161 (ZONE K)
Actual Date: 7/24/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: LUC SITES
Actual Date: 7/24/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 7/25/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 7/25/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 550 (ZONE E)
Actual Date: 7/25/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 558 (ZONE E)
Actual Date: 7/25/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 525 (ZONE E)
Actual Date: 7/25/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 173 (ZONE E)
Actual Date: 7/25/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 7/26/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 7/26/2004
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 7/26/2008
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 7/26/2008
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 7/27/2004
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 7/29/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 7/29/1999
Action: CA630

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 7/29/2004
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 7/30/2001
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 7/30/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 7/31/2001
Action: CA630XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 08/31/2001
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 7/31/2001
Action: CA630XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 09/30/2001
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ZONE H
Actual Date: 8/1/1995
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 8/1/2000
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 8/1/2005
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 8/1/2008
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 8/2/1995
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 8/2/1999
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 562 (ZONE E)
Actual Date: 8/2/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 562 (ZONE E)
Actual Date: 8/2/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 528 (ZONE E)
Actual Date: 8/2/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 8/2/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 8/2/2002
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 528 (ZONE E)
Actual Date: 8/2/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 8/3/2006
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 8/3/2006
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 8/4/2000
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 8/4/2004
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/4/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 8/5/1998

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 173 (ZONE E)
Actual Date: 8/5/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 8/5/2003
Action: CA320 - CMS Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 8/6/2003
Action: CA320 - CMS Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 8/6/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 8/6/2003
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 8/7/1996
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/7/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 120 (ZONE G)
Actual Date: 8/7/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 120 (ZONE G)
Actual Date: 8/7/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 8/7/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 8/7/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 8/7/2006
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 8/8/2001
Action: CAX190G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 8/8/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/9/1993
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/9/1994
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 8/9/1995
Action: CA150 - RFI Workplan Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 8/9/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 8/9/2004
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/10/1993
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 8/10/1995
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 8/10/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 8/10/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 138 & AOC 667 (ZONE H)
Actual Date: 8/10/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 136 & AOC 663 (ZONE H)
Actual Date: 8/10/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 8/10/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 655,656,666 (ZONE H)
Actual Date: 8/10/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 8/11/2003
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 574
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 576 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 83
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 84
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 8/13/2007
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 8/13/2007
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 525 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 637
Actual Date: 8/13/2007

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 19
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 649
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 650
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 651
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 680
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 8/13/2007
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 121
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 598 & AOC 599 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 8/13/2007
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 562 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 550 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: LUC SITES
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: LUC SITES
Actual Date: 8/13/2007
Action: CA500 - CMI Workplan Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 24 (ZONE G)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 528 (ZONE E)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 20
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 8/13/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 188 (ZONE E)
Actual Date: 8/14/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/15/2000
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 8/16/1995
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 8/16/2001
Action: CA106
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 8/16/2006
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/17/1992
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 8/17/1998
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 507 (ZONE B)
Actual Date: 8/17/1998
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 507 (ZONE B)
Actual Date: 8/17/1998
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 8/17/1998
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 507 (ZONE B)
Actual Date: 8/17/1998
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 8/17/1998
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 8/17/2000
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 8/17/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/18/1994
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 8/18/1997
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 8/19/1998

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 8/20/1997
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/20/1997
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 8/20/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 8/20/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 8/20/2002
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 562 (ZONE E)
Actual Date: 8/20/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 528 (ZONE E)
Actual Date: 8/20/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 562 (ZONE E)
Actual Date: 8/20/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 8/20/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 8/21/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 8/21/2001
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 8/21/2001
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 8/21/2001
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 583 (ZONE E)
Actual Date: 8/21/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 8/21/2003
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 8/22/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 8/23/2002
Action: CA107

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 8/23/2004
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 8/25/1996
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 8/25/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 8/26/1997
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 8/26/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 8/26/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 8/26/2003
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 8/26/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 8/26/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 8/26/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 8/26/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: Long Term Monitoring [LTM] Sites
Actual Date: 8/26/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 636
Actual Date: 8/26/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 8/27/2002
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 81 (ZONE E)
Actual Date: 8/27/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 8/27/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 8/27/2003
Action: CAX200G
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 8/28/1997
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 8/28/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 8/28/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 8/29/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 8/29/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 8/30/1994

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 8/30/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 8/30/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 8/30/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 8/31/1998
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 8/31/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 8/31/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 8/31/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 702 & 703 (ZONE E)
Actual Date: 8/31/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 8/31/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/1/1991
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 9/1/1999
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 9/2/2004
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 9/3/1996
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 9/3/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 188 (ZONE E)
Actual Date: 9/3/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 9/3/2002
Action: CA640XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 12/31/2001
Schedule end date: 06/30/2002

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 9/3/2002
Action: CA640XH

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 11/30/2001
Schedule end date: 09/30/2002

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 9/3/2002
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 9/3/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 9/3/2003
Action: CA647
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/4/1996
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 9/4/1996
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ENTIRE FACILITY
Actual Date: 9/5/1991
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 09/02/1991
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/5/2000
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 583 (ZONE E)
Actual Date: 9/5/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 9/6/2005
Action: CA105
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/7/1994
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 09/07/1994
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 9/7/2000
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/8/1994
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 9/8/1997
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 9/8/1998
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 9/9/2002
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 81 (ZONE E)
Actual Date: 9/9/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/9/2008
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 9/10/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 9/10/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 9/11/2000
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 9/11/2000
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 525 (ZONE E)
Actual Date: 9/12/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 9/13/1996

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 517 & 523 (ZONE E)
Actual Date: 9/13/2001
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 517 & 523 (ZONE C)
Actual Date: 9/13/2001
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 9/13/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 188 (ZONE E)
Actual Date: 9/13/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 9/14/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 9/14/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 9/16/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 9/16/1996
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 9/16/2003
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 9/16/2003
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 9/16/2005
Action: CA645
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 626
Actual Date: 9/17/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 10 & 40
Actual Date: 9/17/1998
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 10 & 40
Actual Date: 9/17/1998
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 10 & 40
Actual Date: 9/17/1998
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 9/17/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/18/1997
Action: CA725NO - Current Human Exposures Under Control, Current human

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

exposures are NOT under control
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/18/1997
Action: CA750NO - Migration of Contaminated Groundwater under Control, Unacceptable migration of contaminated groundwater is observed or expected
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 9/18/2001
Action: CA630XG
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 09/30/2001
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 9/18/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 9/18/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 9/18/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 9/18/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 9/18/2001
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 9/18/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 9/18/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 9/18/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/18/2003
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 336611

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Ship Building and Repairing
Original schedule date: 03/31/2003
Schedule end date: 09/30/2003

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 9/18/2003
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 03/31/2003
Schedule end date: 09/30/2003

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 9/18/2006
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 9/18/2006
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 9/19/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 9/19/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 643 (ZONE G)
Actual Date: 9/19/2001
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 9/19/2003
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 9/20/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/21/1995
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 9/21/1998
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 9/21/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 9/21/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 9/21/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 9/21/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 9/21/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 9/21/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 550 (ZONE E)
Actual Date: 9/22/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 9/23/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/23/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 706
Actual Date: 9/23/2009
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 9/24/2001
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 9/24/2001
Action: CA630XG
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 10/31/2001
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 9/24/2002

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 9/24/2002
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 9/24/2002
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 550 (ZONE E)
Actual Date: 9/24/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 713 & 716
Actual Date: 9/24/2004
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 9/24/2004
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 9/24/2004
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 713 & 716
Actual Date: 9/24/2004
Action: CA109
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 198
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 546
Actual Date: 9/24/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 544
Actual Date: 9/24/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 199
Actual Date: 9/24/2007
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 3 (ZONE G)
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 613
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 613
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 617
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 617
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 621
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 544
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 544
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 546
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 546
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 564
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 564
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 9/24/2008

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 9/24/2008
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 87
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 87
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 9/24/2008
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 172
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 9/24/2008
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 636
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 636
Actual Date: 9/24/2008
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 9/24/2008
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 9/24/2008
Action: CA500 - CMI Workplan Approved

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 9/24/2008
Action: CA550RC
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 9/25/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 9/25/1997
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 9/25/2000
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 638 (ZONE G)
Actual Date: 9/25/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 9/25/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 9/25/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 638 (ZONE G)
Actual Date: 9/25/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 9/25/2003
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 9/27/2000
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 720 (ZONE G)
Actual Date: 9/27/2002
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/28/1994
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 9/29/1995
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 9/29/2000
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 12 & 16
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 12 & 16
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 44 (ZONE C)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 508 & 511
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 508 & 511
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 508 & 511
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 642,660,671-673,675-679,685,687-690
Actual Date: 9/29/2003

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 642,660,671-673,675-679,685,687-690
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 642,660,671-673,675-679,685,687-690
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 628 (ZONE G)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 628 (ZONE G)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 628 (ZONE G)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 634 (ZONE G)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 634 (ZONE G)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 634 (ZONE G)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 654
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 654
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 654
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 655,656,666 (ZONE H)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 655,656,666 (ZONE H)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 655,656,666 (ZONE H)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 709 (ZONE F)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 709 (ZONE F)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 709 (ZONE F)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 120 (ZONE G)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 136 & AOC 663 (ZONE H)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 136 & AOC 663 (ZONE H)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 136 & AOC 663 (ZONE H)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 609 (ZONE F)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 12 & 16
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 120 (ZONE G)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 120 (ZONE G)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 9/29/2003
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 9/29/2003
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 9/29/2003
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 9/29/2003

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action:	CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	AOC 609 (ZONE F)
Actual Date:	9/29/2003
Action:	CA550NR
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	AOC 609 (ZONE F)
Actual Date:	9/29/2003
Action:	CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ZONE K
Actual Date:	9/30/1998
Action:	CA186
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ZONE K
Actual Date:	9/30/1999
Action:	CA186
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560
EPA Region:	4
Area Name:	ZONE K
Actual Date:	10/1/2002
Action:	CA184
NAICS Code(s):	336611
	Ship Building and Repairing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: EARLY TRANSFER
Actual Date: 10/1/2004
Action: CA600 - Stabilization Measures Implemented
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 10/1/2006
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 10/1/2008
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 592 (ZONE E)
Actual Date: 10/2/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 10/2/2002
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 10/2/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 10/3/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 10/3/1997
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 10/3/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 592 (ZONE E)
Actual Date: 10/3/2002
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 706
Actual Date: 10/6/2009
Action: CA500 - CMI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 706
Actual Date: 10/6/2009
Action: CA550NR

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 10/7/2005
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 10/8/1998
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 10/8/1998
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 10/8/2001
Action: CA700
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 10/8/2001
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 39 (ZONE A)
Actual Date: 10/8/2002
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 10/8/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 10/8/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 713 & 716
Actual Date: 10/9/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 713 & 716
Actual Date: 10/9/2002
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 10/9/2002
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 10/9/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 538 & 539 (ZONE E)
Actual Date: 10/9/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 10/10/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 10/10/2005
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 10/11/1996
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 10/12/2005
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 10/12/2005
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 10/12/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 10/13/2003
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/14/1993
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 10/15/2001
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 10/15/2002

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 10/17/1995
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 10/17/1997
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 10/17/2000
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 10/17/2001
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 10/17/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 10/17/2003
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 10/17/2006
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 10/18/1996
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 10/19/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 10/19/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 10/21/2004
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 10/21/2004
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 10/21/2004
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 702 & 703 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 711,715 & 718
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 711,715 & 718
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 711,715 & 718
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 712,714& 717
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 713 & 716
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 713 & 716
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOCS 713 & 716
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 698 (ZONE K)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 710
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 710
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 710
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 720 (ZONE G)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 720 (ZONE G)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 720 (ZONE G)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 10/21/2005

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 702 & 703 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 702 & 703 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 170 & 171
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 170 & 171
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 170 & 171
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 172
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 173 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 173 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 173 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 175 AND 177
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 175 AND 177
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 175 AND 177
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 185 (ZONE K)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 185 (ZONE K)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 185 (ZONE K)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 636
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 638 (ZONE G)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 188 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 188 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 188 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 638 (ZONE G)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 638 (ZONE G)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 670
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 670
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 670
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 680
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 681 AND 684
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 681 AND 684
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 681 AND 684
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 598 & AOC 599 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 145
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 145
Actual Date: 10/21/2005

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 145
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 15
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 15
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 15
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 161 (ZONE K)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 161 (ZONE K)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 161 (ZONE K)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 613
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 615 AND 616
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 615 AND 616
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 615 AND 616
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 617
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 562 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 564
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 100
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 100
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 100
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 102 AND AOC 590 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 109
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 109
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 566
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 566
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 566
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 571 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 571 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 571 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 574
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 576 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 579 AND 580
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 579 AND 580
Actual Date: 10/21/2005

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 579 AND 580
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 583 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 583 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 583 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 109
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 121
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 138 & AOC 667 (ZONE H)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 138 & AOC 667 (ZONE H)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 138 & AOC 667 (ZONE H)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 586
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 592 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 592 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 592 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 525 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 528 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 538 & 539 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 538 & 539 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 538 & 539 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/21/2005
Action: CA770GW
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/21/2005
Action: CA772EP
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: LUC SITES
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 548
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 549
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 550 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 554
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 558 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 558 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 558 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 38 (ZONE A)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 10/21/2005

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 80
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 80
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 80
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 81 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 81 (ZONE E)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 81 (ZONE E)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 83
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 84
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 87
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 97
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 97
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 97
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 10/21/2005
Action: CA550NR

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 10/21/2005
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 10/21/2005
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 22
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 23
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 24 (ZONE G)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 (ZONE E)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 10/21/2005
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 10/21/2008
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 10/22/2002
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 12/31/2002
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 10/23/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 550 (ZONE E)
Actual Date: 10/23/2003
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 626
Actual Date: 10/24/1996
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 10/24/1996
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 10/24/2002
Action: CAX200G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 721
Actual Date: 10/24/2007
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 10/26/1999
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 10/26/1999
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 10/26/2000
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 10/26/2009

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 10/27/2004
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 10/28/2008
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 10/29/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 10/29/2002
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 10/30/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 10/30/2001
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 181 & 188,AOCS 537,575,701 & 704
Actual Date: 10/30/2001
Action: CA106
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 10/31/2000
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 11/1/1997
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 11/1/2004
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 21 & 54 (ZONE E)
Actual Date: 11/1/2004
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 11/1/2005
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 163 (ZONE K)
Actual Date: 11/1/2006
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/2/1995
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 3 (ZONE G)
Actual Date: 11/2/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 11/2/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/3/1994
Action: CA050 - RFA Completed

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 10/06/1994
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/3/1994
Action: CA050 - RFA Completed
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 11/18/1994
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 11/3/2000
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 11/3/2005
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 11/3/2005
Action: CA630XG
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 11/4/1999
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ZONES A & B
Actual Date: 11/5/1997
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 11/6/2007
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 11/7/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 11/7/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 574
Actual Date: 11/7/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 11/7/1997
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 11/7/2006
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 11/8/1996
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 11/8/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 11/8/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 11/9/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 11/9/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 11/9/2005
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 11/9/2005
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 11/9/2005
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 11/10/1997
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 11/12/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/13/1995

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 11/13/2000
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 720 (ZONE G)
Actual Date: 11/13/2002
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 11/14/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 11/14/2005
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 559, 560, 561 (ZONE E).
Actual Date: 11/15/2001
Action: CA106
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: AOC 609 (ZONE F)
Actual Date: 11/16/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 11/16/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/16/2009
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 11/17/1997
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 11/17/1997
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 11/17/1999
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 (ZONE E)
Actual Date: 11/17/1999
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 8 (ZONE G)
Actual Date: 11/17/1999
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 11/17/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 11/17/2004
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 11/18/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE A GRID SAMPLE #6 AREA
Actual Date: 11/18/1998
Action: CA610

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 11/18/1999
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 11/18/1999
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 597 (ZONE E)
Actual Date: 11/18/2002
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 11/19/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 42 & AOC 505 (ZONE A)
Actual Date: 11/19/1998
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOCS 500-503 (UXOS)
Actual Date: 11/19/2007
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE A GRID SAMPLE #6 AREA
Actual Date: 11/20/1998
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 161 (ZONE K)
Actual Date: 11/20/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 161 (ZONE K)
Actual Date: 11/20/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 11/20/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 11 (ZONE G)
Actual Date: 11/20/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 609 (ZONE F)
Actual Date: 11/20/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 11/20/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 11/21/1995
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 11/21/1996
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 11/21/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 11/21/2001
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 696 (ZONE K)
Actual Date: 11/21/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 11/21/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/21/2008
Action: CA525
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 11/22/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 11/22/1996
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 11/22/2000

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 11/22/2000
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 11/22/2002
Action: CAX190G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 11/24/1997
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 11/25/1996
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 11/25/1996
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: ZONE J
Actual Date: 11/25/1996
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 11/25/1997
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 11/25/2003
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/26/1990
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 11/04/1990
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 11/26/1990
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 14 (ZONE H)
Actual Date: 11/26/1996
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 11/26/1996
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 596 (ZONE E)
Actual Date: 11/26/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 11/26/2007
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 11/28/2000
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SMWU 5 & 18, AOCS 605 & 621
Actual Date: 11/29/1996
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 1 & 2 (ZONE A)
Actual Date: 11/29/1999
Action: CA640

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: AOC 699 (ZONE L)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 11/29/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 37
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 504
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 506 (ZONE A)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 507 (ZONE B)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 11/29/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 11/29/2006
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 11/30/1998
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 11/30/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 164 (ZONE K)
Actual Date: 11/30/2001
Action: CA200 - RFI Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 67 (ZONE E)
Actual Date: 11/30/2004
Action: CA350 - CMS Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 11/30/2006
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 12/1/2004

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/3/1990
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/3/1990
Action: CA104
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE E
Actual Date: 12/3/1999
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 611 (ZONE F)
Actual Date: 12/3/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 12/3/2004
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/5/1995
Action: CA120 - RFI Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 12/5/2000
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 12/5/2000
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 12/5/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 39 (ZONE A)
Actual Date: 12/6/2000
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 12/6/2000
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 12/6/2002
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 571 (ZONE E)
Actual Date: 12/6/2002
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 12/6/2003
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 12/7/2000
Action: CA630XH
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 03/31/2001
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 700 (ZONE C)
Actual Date: 12/7/2000
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 12/7/2000
Action: CA260 - CMS Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 12/7/2000
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 12/7/2000
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 12/8/2000
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 196 (ZONE H)
Actual Date: 12/8/2006
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 9 (ZONE H)
Actual Date: 12/8/2006
Action: CA423
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: ENTIRE FACILITY
Actual Date: 12/9/2009
Action: CA520
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 106 & AOCS 602, 603, 604 (ZONE E)
Actual Date: 12/10/2001
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 12/11/2002
Action: CAX600G
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 12/12/1997
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 12/13/1995
Action: CA110 - RFI Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 12/13/1996
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE J
Actual Date: 12/13/1996
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 12/13/2000
Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 500-503 (UXOS)
Actual Date: 12/15/2009
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 12/16/2003
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 12/16/2003
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 12/16/2003
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 12/16/2003
Action: CA340 - CMS Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 12/16/2003
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 569, 570, 578, ZONE E
Actual Date: 12/16/2003
Action: CA320 - CMS Supplemental Information Deemed Satisfactory
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 12/16/2003
Action: CA336
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 723 (ZONE E)
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 12/16/2007

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 722
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 199
Actual Date: 12/16/2007
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 199
Actual Date: 12/16/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 199
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: SWMU 65 (ZONE E)
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 6,7 & AOC 635 (ZONE G)
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 198
Actual Date: 12/16/2007
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 198
Actual Date: 12/16/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197
Actual Date: 12/16/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197
Actual Date: 12/16/2007
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 12/16/2007
Action: CA550NR
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 198
Actual Date: 12/16/2007
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 197, 198 & 163 (ZONE K)
Actual Date: 12/16/2007
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Area Name: SWMU 37
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 504
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 506 (ZONE A)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 507 (ZONE B)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 12/17/2001
Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 12/17/2002
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 538 & 539 (ZONE E)
Actual Date: 12/17/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 563 (ZONE E)
Actual Date: 12/17/2002
Action: CA186
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 12/18/1998
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 12/18/2000
Action: CA620
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 725
Actual Date: 12/18/2006
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 726 (ZONE H)
Actual Date: 12/18/2006
Action: CA107
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 12/19/1997
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 12/19/2000

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA630
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 12/19/2000
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 628 (ZONE G)
Actual Date: 12/19/2001
Action: CA370 - Petition For No Further Action Receipt Date
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 628 (ZONE G)
Actual Date: 12/19/2001
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: EI PROJECT SCHEDULED
Actual Date: 12/19/2003
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 12/31/2004
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/19/2003
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: 12/31/2004
Schedule end date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 643 (ZONE G)
Actual Date: 12/21/1999
Action: CA640
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 506 (ZONE A)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 507 (ZONE B)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 516 (ZONE C)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 518 (ZONE C)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 37
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 43 (ZONE A)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 47 (ZONE C)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMUS 159 & AOC 653 (ZONE H)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 699 (ZONE L)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 707 & 708
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOCS 510, 512, 513, 515, 519, 520, 522
Actual Date: 12/21/2001

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 162 (ZONE K)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 619 & SWMU 4 (ZONE F)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 13, AOC 661, AOC 665 (ZONE H)
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 504
Actual Date: 12/21/2001
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/23/1990
Action: CA105
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/23/1990
Action: CA108
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE H
Actual Date: 12/27/1995
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ENTIRE FACILITY
Actual Date: 12/27/2000
Action: CA010 - RFA Initiation
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 25 & 70 (ZONE E)
Actual Date: 12/27/2000
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE K
Actual Date: 12/27/2000
Action: CA140 - RFI Workplan Notice Of Deficiency Issued
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 620 & SWMU 36 (ZONE F)
Actual Date: 12/28/2001
Action: CA610
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES C & I
Actual Date: 12/29/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 166 (ZONE K)
Actual Date: 12/29/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE L
Actual Date: 12/29/1998
Action: CA184
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONE D
Actual Date: 12/29/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: ZONES A & B
Actual Date: 12/29/1998
Action: CA260 - CMS Workplan Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 607 (ZONE F)
Actual Date: 12/29/1998
Action: CA260 - CMS Workplan Received

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 53 - AOC 526 (ZONE E)
Actual Date: 12/30/2002
Action: CA190 - RFI Report Received
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: AOC 633 (ZONE G)
Actual Date: 12/31/2003
Action: CA334
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0170022560
EPA Region: 4
Area Name: SWMU 17 (ZONE H)
Actual Date: 12/31/2008
Action: CA405
NAICS Code(s): 336611
Ship Building and Repairing
Original schedule date: Not reported
Schedule end date: Not reported

US ENG CONTROLS:
EPA ID: SC0170022560
Site ID: Not reported
Name: CHARLESTON NAVAL COMPLEX
Address: 1330 KILO ST BLDG 1824
CHARLESTON, SC 294199010
EPA Region: 4
County: CHARLESTON
Event Code: CA770GW
Actual Date: 21-Oct-05

Action ID: Not reported
Action Name: Not reported
Action Completion date: Not reported
Planned Complet. date: Not reported
Operable Unit: Not reported
Contaminated Media : Not reported
Engineering Control: Not reported

Action ID: Not reported
Action Name: Not reported
Action Completion date: Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Planned Complet. date: Not reported
Operable Unit: Not reported
Contaminated Media : Not reported
Engineering Control: Not reported

US INST CONTROL:
EPA ID: SC0170022560
Site ID: Not reported
Name: CHARLESTON NAVAL COMPLEX
Action Name: Not reported
Address: 1330 KILO ST BLDG 1824
CHARLESTON, SC 294199010
EPA Region: 4
County: CHARLESTON
Event Code: CA772EP
Inst. Control: Not reported
Actual Date: 21-Oct-05
Complet. Date: Not reported
Operable Unit: Not reported
Contaminated Media : Not reported

PADS:
EPAID: SC0170022560
Facility name: CHARLESTON NAVAL COMPLEX
Facility Address: 1690 TURNBULL AVE, SUITE NH-51
CHARLESTON, SC
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: SOUTHERN DIV. NAVAL FACILITIES
Contact title: Not reported
Contact name: CAMP JR., JOE V.
Contact tel: (803)743-9985
Contact extension: Not reported
Mailing address: P.O. BOX 190010 CARETAKER SITE OFF
N. CHARLESTON, SC
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 7/29/1996
Date received: 9/23/1996

FINDS:

Registry ID: 110000618831

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions,

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

and settlements.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

SHWS:
EPA ID: SC0170022560

SC GWIC:

Bureau:	BLWM
EAP ID:	SC0170022560
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	Not reported
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	RCRA, DOD
Contamination:	P/H
Petroleum Products:	False
Volatile Organic Compounds:	False
Metals:	False
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	True
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L, UNK
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	True
Assessment:	NO
Monitoring:	YES
Remediation:	NO
Surface Impact:	Not reported
Drinking Water Well Impact:	Not reported
Remarks:	Corrective measures have decreased pesticide concentrations. In monitoring phase.

NY MANIFEST:

EPA ID:	SC0170022560
Country:	USA
Mailing Name:	UNITED STATES NAVAL SHIPYARD-CHARLESTON
Mailing Contact:	UNITED STATES NAVAL SHIPYARD-CHARLESTON
Mailing Address:	CNSYD CODE 440.3 BLDG NH-68
Mailing Address 2:	Not reported
Mailing City:	CHARLESTON
Mailing State:	SC
Mailing Zip:	29408
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	803-743-5519

Document ID:	NYG0199602
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	970716
Trans1 Recv Date:	970716
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	970725
Part A Recv Date:	970804
Part B Recv Date:	970811
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	ALD067138891
Trans2 EPA ID:	Not reported
TSDF ID:	NYD048148175
Waste Code:	D002 - NON-LISTED CORROSIVE WASTES
Quantity:	00003
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	97

Document ID:	NYO3783654
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MD-001
Trans2 State ID:	Not reported
Generator Ship Date:	840907
Trans1 Recv Date:	840907
Trans2 Recv Date:	Not reported

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

TSD Site Recv Date:	840910
Part A Recv Date:	840919
Part B Recv Date:	841005
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	MDD980554653
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B011 - PCB CONTAMINATED TRANS CONT >500 PPM
Quantity:	04110
Units:	P - Pounds
Number of Containers:	003
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	84

Document ID:	NYO3783024
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MO-001
Trans2 State ID:	Not reported
Generator Ship Date:	840717
Trans1 Recv Date:	840717
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	840724
Part A Recv Date:	840820
Part B Recv Date:	840830
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B009 - OTHER PCB WASTES (SEE B007)
Quantity:	24270
Units:	P - Pounds
Number of Containers:	005
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	84

Document ID:	NYO3783078
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MO-001
Trans2 State ID:	Not reported
Generator Ship Date:	840716
Trans1 Recv Date:	840716
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	840724
Part A Recv Date:	840820
Part B Recv Date:	840809
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B009 - OTHER PCB WASTES (SEE B007)
Quantity:	13896

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Units: P - Pounds
Number of Containers: 002
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO3795048
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: GA002
Trans2 State ID: Not reported
Generator Ship Date: 840405
Trans1 Recv Date: 840405
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840608
Part A Recv Date: 840716
Part B Recv Date: 840716
Generator EPA ID: SC0170022560
Trans1 EPA ID: GAD042097261
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: B011 - PCB CONTAMINATED TRANS CONT >500 PPM
Quantity: 00248
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004
Container Type: DT - Dump trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO3783033
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: MO-001
Trans2 State ID: Not reported
Generator Ship Date: 840711
Trans1 Recv Date: 840711
Trans2 Recv Date: Not reported
TSD Site Recv Date: 840712
Part A Recv Date: 840813
Part B Recv Date: 840817
Generator EPA ID: SC0170022560
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: Not reported
TSDF ID: NYD049836679
Waste Code: B010 - PCB CONT TRANS CONT 50PPM OR>PCB,<500PPM
Quantity: 08908
Units: P - Pounds
Number of Containers: 012
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
Specific Gravity: 100
Year: 84

Document ID: NYO3783051

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MO-001
Trans2 State ID:	Not reported
Generator Ship Date:	840716
Trans1 Recv Date:	840716
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	840725
Part A Recv Date:	840820
Part B Recv Date:	840830
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B009 - OTHER PCB WASTES (SEE B007)
Quantity:	20532
Units:	P - Pounds
Number of Containers:	004
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	84

Document ID:	NYA1450503
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	850111
Trans1 Recv Date:	850117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850115
Part A Recv Date:	850122
Part B Recv Date:	850206
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	OKT410010474
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B011 - PCB CONTAMINATED TRANS CONT >500 PPM
Quantity:	07738
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00500
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00250
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Specific Gravity:	100
Waste Code:	Not reported
Quantity:	05110
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	85

Document ID:	NYO2501001
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MO-001
Trans2 State ID:	MD-001
Generator Ship Date:	840718
Trans1 Recv Date:	840718
Trans2 Recv Date:	840719
TSD Site Recv Date:	840725
Part A Recv Date:	840806
Part B Recv Date:	840824
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B011 - PCB CONTAMINATED TRANS CONT >500 PPM
Quantity:	03820
Units:	P - Pounds
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	84

Document ID:	NYO2503053
Manifest Status:	Completed copy
Trans1 State ID:	MO-001
Trans2 State ID:	MO-001
Generator Ship Date:	840718
Trans1 Recv Date:	840718
Trans2 Recv Date:	840723
TSD Site Recv Date:	840725
Part A Recv Date:	840731
Part B Recv Date:	840803
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B011 - PCB CONTAMINATED TRANS CONT >500 PPM
Quantity:	26500
Units:	P - Pounds
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	84

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Document ID:	NYO3783096
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	MO-001
Trans2 State ID:	Not reported
Generator Ship Date:	840716
Trans1 Recv Date:	840716
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	840724
Part A Recv Date:	840820
Part B Recv Date:	840809
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B009 - OTHER PCB WASTES (SEE B007)
Quantity:	03097
Units:	P - Pounds
Number of Containers:	019
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	84

Document ID:	NYA1450512
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	850111
Trans1 Recv Date:	850111
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	850115
Part A Recv Date:	850122
Part B Recv Date:	850206
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	OKT410010474
Trans2 EPA ID:	Not reported
TSDF ID:	NYD049836679
Waste Code:	B007 - OTHER MISCELLANEOUS PCB WASTES
Quantity:	00180
Units:	P - Pounds
Number of Containers:	003
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00010
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	01200
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels

NAVAL SHIPYARD - CHARLESTON (Continued) **1000148340**

Handling Method:	L Landfill.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00045
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	100
Year:	85

Document ID:	NYB4471254
Manifest Status:	Completed copy
Trans1 State ID:	PC708H10
Trans2 State ID:	PC708H10
Generator Ship Date:	930714
Trans1 Recv Date:	930714
Trans2 Recv Date:	930715
TSD Site Recv Date:	930721
Part A Recv Date:	Not reported
Part B Recv Date:	930805
Generator EPA ID:	SC0170022560
Trans1 EPA ID:	ARD069748192
Trans2 EPA ID:	NYD980769947
TSDF ID:	NYD048148175
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00019
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	93

109
WNW
1/2-1
0.618 mi.
3263 ft.

PEPPER INDUSTRIES INC
MILFORD ROAD
CHARLESTON, SC 29405

CERC-NFRAP **1000346093**
RCRA-NonGen **SCD093886406**
FINDS
SHWS

Relative:
Lower

Actual:
5 ft.

CERC-NFRAP:

Site ID:	0403340
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP

CERCLIS-NFRAP Site Contact Name(s):

Contact Title:	RPM
Contact Name:	Barbara Alfano
Contact Tel:	(404) 562-8923
Contact Title:	Not reported
Contact Name:	Donna Bledsoe
Contact Tel:	(404) 562-8778
Contact Title:	RPM

PEPPER INDUSTRIES INC (Continued) **1000346093**

Contact Name: Randall Chaffins
Contact Tel: (404) 562-8910

Contact Title: Not reported
Contact Name: Corey Diehl-Miller
Contact Tel: (404) 562-8738

Contact Title: NPL Coordinator
Contact Name: Cindy Gurley
Contact Tel: (404) 562-8817

Contact Title: RPM
Contact Name: Ralph Howard
Contact Tel: (404) 562-8829

Contact Title: Not reported
Contact Name: Felicia Jackson
Contact Tel: (404) 562-8894

Contact Title: RPM
Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793

Contact Title: RPM
Contact Name: William Joyner
Contact Tel: (404) 562-8795

Contact Title: RPM
Contact Name: Mike Norman
Contact Tel: (404) 562-8792

Contact Title: Not reported
Contact Name: Paul Wagner
Contact Tel: (404) 562-8792

Contact Title: Not reported
Contact Name: Beth Walden
Contact Tel: (404) 562-8814

Contact Title: Not reported
Contact Name: Donna Webster
Contact Tel: (404) 562-8870

Contact Title: Not reported
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

Contact Title: RPM
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: PEPPER INDUSTRIES INC
Alias Address: Not reported
CHARLESTON, SC

PEPPER INDUSTRIES INC (Continued) **1000346093**

CERCLIS-NFRAP Assessment History:

Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	11/01/1984
Priority Level:	Low priority for further assessment
Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	11/01/1984
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	09/26/1985
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	09/26/1985
Priority Level:	NFRAP: No further Remedial Action planned

RCRA-NonGen:

Date form received by agency:	03/27/2002
Facility name:	PEPPER INDUSTRIES INC
Facility address:	MILFORD ROAD CHARLESTON, SC 29405
EPA ID:	SCD093886406
Mailing address:	PO BOX 70487 CHARLESTON HEIGHTS, SC 29405
Contact:	CUNNINGHAM MAC
Contact address:	PO BOX 70487 CHARLESTON HEIGHTS, SC 29405
Contact country:	US
Contact telephone:	(803) 577-9452
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	PEPPER IND
Owner/operator address:	MILFORD ROAD CHARLESTON, SC 29405
Owner/operator country:	Not reported
Owner/operator telephone:	(999) 999-9999
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported
Owner/operator name:	OPERNAME
Owner/operator address:	OPERSTREET OPERCITY, WY 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(404) 555-1212

PEPPER INDUSTRIES INC (Continued) **1000346093**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 08/15/1980
Facility name: PEPPER INDUSTRIES INC
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: U051
Waste name: CREOSOTE

Waste code: U159
Waste name: 2-BUTANONE (I,T)

Waste code: U188
Waste name: PHENOL

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/21/1983
Date achieved compliance: 04/09/1984
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/30/1983

PEPPER INDUSTRIES INC (Continued) **1000346093**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/28/1983
Date achieved compliance: 04/09/1984
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 04/13/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/21/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/09/1984
Evaluation lead agency: State

Evaluation date: 04/28/1983
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/09/1984
Evaluation lead agency: State

FINDS:

Registry ID: 110007831828

Environmental Interest/Information System

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SHWS:
EPA ID: SCD093886406

110 SE 1/2-1 0.671 mi. 3543 ft.

KINDER MORGAN BULK TERMINALS
1500 GREENLEAF ST
CHARLESTON, SC 29405

Database(s): RCRA-TSDF, CORRACTS, RCRA-SQG, FINDS, SPILLS

EDR ID Number: 1000982245
EPA ID Number: SC0000861054

Relative: Higher

Actual: 19 ft.

RCRA-TSDF:

Date form received by agency:	01/06/2010
Facility name:	KINDER MORGAN BULK TERMINALS
Facility address:	1500 GREENLEAF ST CHARLESTON, SC 294059308
EPA ID:	SC0000861054
Mailing address:	GREENLEAF ST CHARLESTON, SC 294059308
Contact:	MATTHEW KRAUSMANN
Contact address:	GREENLEAF ST CHARLESTON, SC 294059308
Contact country:	US
Contact telephone:	(843) 727-9595
Telephone ext.:	17
Contact email:	Not reported
EPA Region:	04
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
TSD commencement date:	Not reported

Owner/Operator Summary:

Owner/operator name:	ALLIED TERMINALS INC
Owner/operator address:	GREENLEAF ST CHARLESTON, SC 29405
Owner/operator country:	US
Owner/operator telephone:	(803) 853-0453
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	02/14/2002
Owner/Op end date:	02/09/2006

Owner/operator name:	ALLIED MARINE IND
Owner/operator address:	500 EAST INDIAN RIVER RD NORFOLK, VA 23523
Owner/operator country:	US
Owner/operator telephone:	(999) 999-9999
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	02/09/2006

Owner/operator name:	KINDER MORGAN OLPC
Owner/operator address:	DALLAS ST HOUSTON, TX 77002
Owner/operator country:	US
Owner/operator telephone:	(713) 369-8745
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	02/09/2006
Owner/Op end date:	Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Owner/operator name: KINDER MORGAN BULK TERMINALS
Owner/operator address: GREENLEAF ST
CHARLESTON, SC 29405
Owner/operator country: US
Owner/operator telephone: (843) 853-0453
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/09/2006
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 05/21/2007
Facility name: KINDER MORGAN BULK TERMINALS
Classification: Small Quantity Generator

Date form received by agency: 02/09/2006
Facility name: KINDER MORGAN BULK TERMINALS
Classification: Small Quantity Generator

Date form received by agency: 02/14/2002
Facility name: KINDER MORGAN BULK TERMINALS

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Site name: ALLIED TERMINALS INC
Classification: Small Quantity Generator

Date form received by agency: 02/05/1999
Facility name: KINDER MORGAN BULK TERMINALS
Site name: ALLIED TERMINALS INC
Classification: Small Quantity Generator

Date form received by agency: 03/01/1998
Facility name: KINDER MORGAN BULK TERMINALS
Site name: ALLIED TERMINALS INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D004
Waste name: ARSENIC

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U154
Waste name: METHANOL (I)

Waste code: U235
Waste name: 1-PROPANOL, 2,3-DIBROMO-, PHOSPHATE (3:1)

Corrective Action Summary:
Event date: 09/30/1997
Event: RFI Imposition

Event date: Not reported
Event: Decision On Petition For No Further Action

Facility Has Received Notices of Violations:
Regulation violated: SR - 262.34/265.173/171
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.11
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.80
Area of violation: Generators - General

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.13(d)
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(c)(1)(ii)
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34/265.173/171
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.43(a)(d)
Area of violation: Generators - Records/Reporting
Date violation determined: 05/08/1996

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268.7(a)(1)
Area of violation: LDR - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - schwmr 262.23(a)(3)
Area of violation: Generators - Records/Reporting
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 265.31
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/31/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 15500
Paid penalty amount: 15500

Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - schwmr 262.41
Area of violation: Generators - Records/Reporting
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.13(d)/265.16/268.7
Area of violation: Generators - Records/Reporting
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/31/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 15500
Paid penalty amount: 15500

Regulation violated: SR - 262.11
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 265.171
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.13(d)/265.16/268.7
Area of violation: Generators - Records/Reporting
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.13(d)/265.16/268.7
Area of violation: Generators - Records/Reporting
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 265.173(a)
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(a)(2)(3)
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - schwmr 265.173(a)
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 265.16
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/03/1996
Violation lead agency: EPA
Enforcement action: EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement action date: 12/03/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.34/265.173/171
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/31/1997

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 15500
Paid penalty amount: 15500

Regulation violated: SR - 262.80
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 05/06/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.80
Area of violation: Generators - General
Date violation determined: 05/08/1996
Date achieved compliance: 12/31/1997
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/31/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 15500
Paid penalty amount: 15500

Regulation violated: SR - 265.16(a-e)
Area of violation: Generators - Records/Reporting
Date violation determined: 09/26/1994
Date achieved compliance: 03/03/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/09/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.16(a-e)
Area of violation: Generators - Records/Reporting
Date violation determined: 09/26/1994
Date achieved compliance: 03/03/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1994
Enf. disposition status: Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.40 & 41
Area of violation: Generators - Records/Reporting
Date violation determined: 09/26/1994
Date achieved compliance: 03/01/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.12
Area of violation: Generators - General
Date violation determined: 09/26/1994
Date achieved compliance: 03/01/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/09/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.51-56
Area of violation: Generators - General
Date violation determined: 09/26/1994
Date achieved compliance: 03/01/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.12
Area of violation: Generators - General
Date violation determined: 09/26/1994
Date achieved compliance: 03/01/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/26/1994
Date achieved compliance: 03/10/1995
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 03/10/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 6500
Paid penalty amount: 6500

Regulation violated: SR - 265.51-56
Area of violation: Generators - General
Date violation determined: 09/26/1994
Date achieved compliance: 03/01/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/09/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 262.40 & 41
Area of violation: Generators - Records/Reporting
Date violation determined: 09/26/1994
Date achieved compliance: 03/01/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 12/09/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/16/2000
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/31/1997
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/23/1997
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/03/1996
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 10/01/1996
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/14/1996
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 05/08/1996
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/31/1997
Evaluation lead agency: State

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 12/03/1996
Evaluation lead agency: EPA

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/31/1997
Evaluation lead agency: State

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/03/1996
Evaluation lead agency: EPA

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/03/1996
Evaluation lead agency: EPA

Evaluation date: 05/08/1996
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/10/1995
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/26/1994
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/01/1995
Evaluation lead agency: State

Evaluation date: 09/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/03/1995
Evaluation lead agency: State

Evaluation date: 09/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/10/1995
Evaluation lead agency: State

Evaluation date: 09/26/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/01/1995
Evaluation lead agency: State

CORRACTS:

EPA ID: SC0000861054
EPA Region: 4
Area Name: Asphalt Tank 213 Spill Area
Actual Date: 9/30/1997
Action: CA100 - RFI Imposition
NAICS Code(s): 49319
Other Warehousing and Storage

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0000861054
EPA Region: 4
Area Name: Impoundment 2
Actual Date: 9/30/1997
Action: CA100 - RFI Imposition
NAICS Code(s): 49319
Other Warehousing and Storage
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0000861054
EPA Region: 4
Area Name: Impoundment 4
Actual Date: 9/30/1997
Action: CA100 - RFI Imposition
NAICS Code(s): 49319
Other Warehousing and Storage
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0000861054
EPA Region: 4
Area Name: Impoundment 5
Actual Date: 9/30/1997
Action: CA100 - RFI Imposition
NAICS Code(s): 49319
Other Warehousing and Storage
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0000861054
EPA Region: 4
Area Name: NW Wooded Drum Disp. Area of Imp. 5
Actual Date: 9/30/1997
Action: CA100 - RFI Imposition
NAICS Code(s): 49319
Other Warehousing and Storage
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0000861054
EPA Region: 4
Area Name: West Field
Actual Date: 9/30/1997
Action: CA100 - RFI Imposition
NAICS Code(s): 49319
Other Warehousing and Storage
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: SC0000861054
EPA Region: 4
Area Name: West Field
Actual Date: Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Action: CA375 - Decision On Petition For No Further Action
NAICS Code(s): 49319
Other Warehousing and Storage
Original schedule date: 09/30/2008
Schedule end date: Not reported

FINDS:

Registry ID: 110001138260

Environmental Interest/Information System
Not reported

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US Facility Response Plan (FRP) contains plans for responding, to the maximum extent practical, to worst case discharges of oil.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA’s programs. The vision for ICIS is to replace EPA’s independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

PCS (Permit Compliance System) is a computerized management

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

SPILL:

Incident ID number:	1290774
Incident Name:	200100578
District Logged In:	Not reported
Date DHEC notified:	02/12/2001
DHEC notification:	2155
Observed date:	02/12/2001
observed_t:	2040
Spill Date:	02/12/2001
Spill Time:	2040
Duration:	Not reported
Created Date:	02/13/2001
Updated Date:	02/13/2001
District Name:	Charleston EQC Office
PRP Last Name:	KINDER MORGAN OPERATING LP C
PRP First Name:	Not reported
Incident substance type:	Hazardous Material
Received by Name:	MICHAEL SPRADLIN
Revieved by Name:	CHRISTINE SANFORD-COKER
Transportation:	N
Surface water affected:	No
Lead Investigator Name:	Not reported
CCBEP:	No
Water body:	Not reported
Caller Last Name:	Not reported
Caller name:	Not reported
Caller phone number:	Not reported
Caller extension:	Not reported
Caller organization:	Not reported
Substance:	SODIUM HYDROXIDE, [LIQUID]
Quantity:	100
Units:	Gallons
Recovered:	Not reported
Recovered Units:	Not reported
Comments:	Not reported

Incident ID number:	184076
Incident Name:	200000087
District Logged In:	Not reported
Date DHEC notified:	11/30/1999
DHEC notification:	1325
Observed date:	11/30/1999
observed_t:	1255
Spill Date:	11/30/2000
Spill Time:	Not reported
Duration:	Not reported
Created Date:	02/04/2000
Updated Date:	02/04/2000
District Name:	Charleston EQC Office
PRP Last Name:	KINDER MORGAN OPERATING LP C
PRP First Name:	Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Incident substance type: Other
Received by Name: NICHOLAS DAVIDSON
Revieved by Name: Not reported
Transportation: N
Surface water affected: No
Lead Investigator Name: Not reported
CCBEP: Not reported
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Recovered Units: Not reported
Comments: soapy water

Incident ID number: 184720
Incident Name: 200000143
District Logged In: Not reported
Date DHEC notified: 02/07/2000
DHEC notification: 1048
Observed date: 02/07/2000
observed_t: Not reported
Spill Date: 02/07/2000
Spill Time: Not reported
Duration: Not reported
Created Date: 02/08/2000
Updated Date: 02/08/2000
District Name: Charleston EQC Office
PRP Last Name: KINDER MORGAN OPERATING LP C
PRP First Name: Not reported
Incident substance type: Hazardous Material
Received by Name: ROBERT DUNCAN
Revieved by Name: Not reported
Transportation: N
Surface water affected: No
Lead Investigator Name: Not reported
CCBEP: Not reported
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: SODIUM HYDROXIDE, [LIQUID]
Quantity: 10
Units: Gallons
Recovered: 10
Recovered Units: Gallons
Comments: Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

Incident ID number:	385798
Incident Name:	200001727
District Logged In:	Not reported
Date DHEC notified:	05/25/2000
DHEC notification:	1300
Observed date:	05/25/2000
observed_t:	1300
Spill Date:	05/25/2000
Spill Time:	1240
Duration:	1
Created Date:	07/06/2000
Updated Date:	07/06/2000
District Name:	Charleston EQC Office
PRP Last Name:	KINDER MORGAN OPERATING LP C
PRP First Name:	Not reported
Incident substance type:	Oil
Received by Name:	MARK HIOTT
Revieved by Name:	MARK HIOTT
Transportation:	N
Surface water affected:	Yes
Lead Investigator Name:	HIOTTME
CCBEP:	No
Water body:	Cooper River
Caller Last Name:	Not reported
Caller name:	Not reported
Caller phone number:	Not reported
Caller extension:	Not reported
Caller organization:	Not reported
Substance:	DIESEL
Quantity:	3
Units:	Gallons
Recovered:	1
Recovered Units:	Gallons
Comments:	Not reported

Incident ID number:	4124064
Incident Name:	200203894
District Logged In:	Not reported
Date DHEC notified:	09/06/2002
DHEC notification:	1814
Observed date:	09/06/2002
observed_t:	Not reported
Spill Date:	09/06/2002
Spill Time:	1755
Duration:	Not reported
Created Date:	09/09/2002
Updated Date:	10/28/2002
District Name:	Charleston EQC Office
PRP Last Name:	KINDER MORGAN OPERATING LP C
PRP First Name:	Not reported
Incident substance type:	Oil
Received by Name:	ROBERT DUNCAN
Revieved by Name:	MARK HIOTT
Transportation:	Y
Surface water affected:	Yes
Lead Investigator Name:	Not reported

KINDER MORGAN BULK TERMINALS (Continued) **1000982245**

CCBEP: No
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: DIESEL
Quantity: .5
Units: Gallons
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

Incident ID number: 4848116
Incident Name: 200301495
District Logged In: Not reported
Date DHEC notified: 05/03/2003
DHEC notification: 2403
Observed date: Not reported
observed_t: Not reported
Spill Date: Not reported
Spill Time: Not reported
Duration: Not reported
Created Date: 05/07/2003
Updated Date: 05/14/2003
District Name: Charleston EQC Office
PRP Last Name: KINDER MORGAN OPERATING LP C
PRP First Name: Not reported
Incident substance type: Oil
Received by Name: JUSTIN HUGHES
Revieved by Name: BRUCE HENNESSEE
Transportation: N
Surface water affected: No
Lead Investigator Name: Not reported
CCBEP: No
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: GASOLINE
Quantity: 200
Units: Gallons
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

AG111 **ASHEPOO/RESCO TOWER** **SHWS** **S108476468**
South **61 BRASWELL ST** **ALLSITES** **N/A**
1/2-1 **CHARLESTON, SC 29045** **BROWNFIELDS**
0.680 mi.
3591 ft. **Site 1 of 2 in cluster AG**

Relative:
Lower

SHWS:
EPA ID: SCS123457065

Actual:
13 ft.

ALLSITES:
Brownfield: No
Brownfield Type: Not reported
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: Not reported
Long: Not reported
Impacted Media: Not reported

SC BROWNFIELD:

Contract Number:	06-5688-NRP
Contract Type:	NRP
File Number:	56124
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	0.95000000000000007
Contract Executed:	2007-05-03 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Robert L. Clement
Status Code:	ACTIVE
IC Received:	2006-11-30 00:00:00
Workplan Due:	Not reported
Workplan Received:	2007-03-14 00:00:00
Workplan Reviewed:	2007-04-30 00:00:00
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	2008-04-10 00:00:00
Report Approved:	2007-12-27 00:00:00
Cap Approved:	Not reported
Contract Mailed:	2006-12-20 00:00:00
Date Terminated:	Not reported

AG112
South
1/2-1
0.712 mi.
3757 ft.

ASHEPOO/OSWALD
71 BRASWELL ST
CHARLESTON, SC

Site 2 of 2 in cluster AG

SHWS **S108476467**
BROWNFIELDS **N/A**

Relative:
Lower

Actual:
12 ft.

SHWS:
EPA ID: SCS123457071

SC BROWNFIELD:

Contract Number:	07-5695-NRP
Contract Type:	NRP
File Number:	56124
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	2.3799999999999999
Contract Executed:	2007-05-03 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Robert L. Clement
Status Code:	ACTIVE
IC Received:	2006-12-20 00:00:00
Workplan Due:	Not reported
Workplan Received:	2007-03-14 00:00:00
Workplan Reviewed:	2007-04-30 00:00:00
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	2008-04-10 00:00:00
Report Approved:	2007-12-27 00:00:00
Cap Approved:	Not reported
Contract Mailed:	2007-01-29 00:00:00
Date Terminated:	Not reported

113
ESE
1/2-1
0.718 mi.
3793 ft.

EDISTO PHOSPHATE COMPANY
1884 HERBERT ST
CHARLESTON, SC 29403

SHWS **S108953926**
N/A

Relative:
Higher

Actual:
19 ft.

SHWS:
EPA ID: SCS123457109

114
South
1/2-1
0.728 mi.
3846 ft.

ASHEPOO/KENAN TRANSPORT SITE
81 BRASWELL ST
CHARLESTON, SC 29405

SHWS **S109362434**
LUST **N/A**
BROWNFIELDS

Relative:
Lower

Actual:
12 ft.

SHWS:
EPA ID: SCS123457124

LUST:

Facility ID:	01895
Release Number:	1
Facility Status:	Not reported
Substance:	Not reported
Owner:	KENAN TRANSPORT LLC
NFA Date:	**04/03/09**
Date Confirmed:	04/03/09
Report Date:	04/01/09
Rank:	Not reported

SC BROWNFIELD:

Contract Number:	08-5764-NRP
Contract Type:	NRP
File Number:	56124
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Not reported
Acreage:	Not reported
Contract Executed:	2008-07-15 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Michael Costa
Status Code:	ACTIVE
IC Received:	2007-04-09 00:00:00
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	2008-05-20 00:00:00
Date Terminated:	Not reported

115 South 1/2-1 0.752 mi. 3969 ft. | **HALL ONE SITE**
1593 OCEANIC ST
CHARLESTON, SC 29405 | **SHWS ALLSITES VCP BROWNFIELDS** | **S105811286 N/A**

Relative: Higher

Actual: 16 ft.

SHWS:
EPA ID: SCS123456934

ALLSITES:
Brownfield: No
Brownfield Type: Hazardous Substances
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: 32.81983264
Long: -79.95541699
Impacted Media: S/W - Sed. Contamination G/W Contamination As As

VCP:
Entity Resp for Conditional Remedy: Not reported
Region: Not reported
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: Not reported
Regulatory Program: Not reported
Contract #: 03-5516-NRP
Old Contract #: 5516
Company Name: Hall One/ Ashley II
Acreage: 27.87
Exec Date: 6/23/03
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: No
File Number: 56988

SC BROWNFIELD:
Contract Number: 03-5516-NRP
Contract Type: NRP
File Number: 56988
Contract Manager: GORMAN, ANGELA K
Person Company: ASHLEY II OF CHARLESTON LLC
Primary Address1: CHEROKEE INVESTMENT SERVICES LLC
Primary Address2: 111 E HARGETT ST STE 300
Primary City: RALEIGH
Primary State Code: NC
Primary Zip Code: Not reported
Type Brownfield: Hazardous Substances
Acreage: 27.870000000000001
Contract Executed: 2003-06-23 00:00:00
COC Date Issued: Not reported
RC Executed: Not reported
Contact: SCOTT FREEMAN
Status Code: ACTIVE
IC Received: Not reported
Workplan Due: 2003-08-22 00:00:00
Workplan Received: 2004-05-17 00:00:00

HALL ONE SITE (Continued) **S105811286**

Workplan Reviewed:	2004-12-16 00:00:00
Workplan Approved:	2005-05-13 00:00:00
Report Received:	Not reported
Report Reviewed:	2005-12-06 00:00:00
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

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116 South 1/2-1 0.769 mi. 4061 ft. **OCEANIC STREET SITE** **SHWS** **S107520938**
1599 OCEANIC ST **ALLSITES** **N/A**
NORTH CHARLESTO, SC **BROWNFIELDS**

Relative: Lower

Actual: 14 ft.

SHWS:
EPA ID: SCS123457030

ALLSITES:

Brownfield:	No
Brownfield Type:	Hazardous Substances
DHEC EQC Region:	07
Funds Used:	No
Resp Action:	Yes
Lat:	Not reported
Long:	Not reported
Impacted Media:	Soil Contamination G/W Contamination Pb, As, PAH As

SC BROWNFIELD:

Contract Number:	05-5639-NRP
Contract Type:	NRP
File Number:	57307
Contract Manager:	GORMAN, ANGELA K
Person Company:	ASHLEY II OF CHARLESTON LLC
Primary Address1:	CHEROKEE INVESTMENT SERVICES LLC
Primary Address2:	111 E HARGETT ST STE 300
Primary City:	RALEIGH
Primary State Code:	NC
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	7.2000000000000002
Contract Executed:	2006-12-24 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Winthrop Allen
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	2006-12-24 00:00:00
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	2007-07-27 00:00:00
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

OCEANIC STREET SITE (Continued) **S107520938**

Contract Number:	05-5639-NRP
Contract Type:	NRP
File Number:	57307
Contract Manager:	GORMAN, ANGELA K
Person Company:	MAGNOLIA DEVELOPMENT LLC
Primary Address1:	1601 OCEANIC ST
Primary Address2:	Not reported
Primary City:	CHARLESTON
Primary State Code:	SC
Primary Zip Code:	Not reported
Type Brownfield:	Hazardous Substances
Acreage:	7.2000000000000002
Contract Executed:	2006-12-24 00:00:00
COC Date Issued:	Not reported
RC Executed:	Not reported
Contact:	Winthrop Allen
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	2006-12-24 00:00:00
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	2007-07-27 00:00:00
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

117
NW
1/2-1
0.857 mi.
4525 ft.

FMR. DRYCLEAN USA COASTAL, INC. **SHWS** **S107599667**
3328 RIVERS AVE **DRYCLEANERS** **N/A**
CHARLESTON, SC

Relative:
Higher

Actual:
22 ft.

SHWS:
EPA ID: SCDRY0052470

Drycleaners:
Project Number: 052470
Rank: 377

118
ESE
1/2-1
0.886 mi.
4676 ft.

ETIWAN PHOSPHATE COMPANY **CERCLIS** **1001230528**
MILFORD STREET **FINDS** **SC0002394112**
CHARLESTON, SC 29405 **SHWS**

Relative:
Lower

Actual:
11 ft.

CERCLIS:
Site ID: 0406831
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Not reported

CERCLIS Site Contact Name(s):

ETIWAN PHOSPHATE COMPANY (Continued) **1001230528**

Contact Name: Corey Hendrix
Contact Tel: (404) 562-8738
Contact Title: Site Assessment Manager (SAM)

Contact Name: Mike Norman
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Ralph Howard
Contact Tel: (404) 562-8829
Contact Title: Remedial Project Manager (RPM)

Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

Contact Name: AL CHERRY
Contact Tel: (404) 562-8828
Contact Title: Remedial Project Manager (RPM)

Contact Name: Paul Wagner
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

Site Description: Former phosphate/fertilizer plant located on the Cooper River near the confluence with Shipyard Creek. Facility began operations in late 1860's and property is currently occupied by Shipyard River (Massey) Coal Terminal and BP/Gulf Oil Terminal. Site investigation will be coordinated with EPA/SCDHEC phosphate/fertilizer geographic initiative Charleston neck area.

CERCLIS Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 07/08/98
Priority Level: Not reported

FINDS:

Registry ID: 110009310806

ETIWAN PHOSPHATE COMPANY (Continued) **1001230528**

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

SHWS:
EPA ID: SC0002394112

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119 NNW 1/2-1 0.922 mi. 4867 ft. **CHARLESTON NAVAL COMPLEX** **SHWS** **1006345096**
1670 DRY DOCK AVE **SPILLS** **N/A**
NORTH CHARLESTO, SC 29405 **BROWNFIELDS**

Relative: Lower

Actual: 12 ft.

SHWS:
EPA ID: SCS123457005

SPILL:

Incident ID number:	875285
Incident Name:	200003117
District Logged In:	Not reported
Date DHEC notified:	10/03/2000
DHEC notification:	1200
Observed date:	10/03/2000
observed_t:	1130
Spill Date:	10/03/2000
Spill Time:	1130
Duration:	Not reported
Created Date:	10/04/2000
Updated Date:	10/04/2000
District Name:	Charleston EQC Office
PRP Last Name:	USNS BIG HORN
PRP First Name:	Not reported
Incident substance type:	Oil
Received by Name:	CHRIS STATON
Revieved by Name:	Not reported
Transportation:	Y
Surface water affected:	Yes
Lead Investigator Name:	Not reported
CCBEP:	No
Water body:	Cooper River
Caller Last Name:	Not reported
Caller name:	Not reported
Caller phone number:	Not reported
Caller extension:	Not reported
Caller organization:	Not reported
Substance:	FUEL OIL, [NO. 1]
Quantity:	3
Units:	Gallons
Recovered:	Not reported
Recovered Units:	Not reported
Comments:	Not reported

CHARLESTON NAVAL COMPLEX (Continued) **1006345096**

SC BROWNFIELD:

Contract Number:	05-5605-RP
Contract Type:	RP
File Number:	50484
Contract Manager:	Not reported
Person Company:	CMMC LLC
Primary Address1:	1670 DRY DOCK AVE STE 100
Primary Address2:	Not reported
Primary City:	N CHARLESTON
Primary State Code:	SC
Primary Zip Code:	29405
Type Brownfield:	Not reported
Acreage:	107
Contract Executed:	2005-08-12 00:00:00
COC Date Issued:	Not reported
RC Executed:	2005-08-11 00:00:00
Contact:	Richard K.Gregory, Member
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	2005-08-12 00:00:00
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported
Date Terminated:	Not reported

Contract Number:	05-5605-RP
Contract Type:	RP
File Number:	50484
Contract Manager:	Not reported
Person Company:	CHARLESTON MARINE MANUFACTURING CORP
Primary Address1:	1670 DRY DOCK AVE STE 100
Primary Address2:	Not reported
Primary City:	N CHARLESTON
Primary State Code:	SC
Primary Zip Code:	29405
Type Brownfield:	Not reported
Acreage:	107
Contract Executed:	2005-08-12 00:00:00
COC Date Issued:	Not reported
RC Executed:	2005-08-11 00:00:00
Contact:	Richard K.Gregory, Member
Status Code:	ACTIVE
IC Received:	Not reported
Workplan Due:	2005-08-12 00:00:00
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	Not reported

CHARLESTON NAVAL COMPLEX (Continued) **1006345096**

Date Terminated: Not reported

120
SE
1/2-1
0.968 mi.
5111 ft.

Relative:
Higher

Actual:
21 ft.

EXXON CO. USA/CHARLESTON TERMINAL
GREENLEAF ST
CHARLESTON, SC 29411

Database(s): CERC-NFRAP, RCRA-SQG, FINDS, SHWS, SPILLS, NPDES, AIRS

EDR ID Number: 1000336915
EPA ID Number: SCD000825323

CERC-NFRAP:
Site ID: 0403219
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: RPM
Contact Name: Barbara Alfano
Contact Tel: (404) 562-8923

Contact Title: Not reported
Contact Name: Donna Bledsoe
Contact Tel: (404) 562-8778

Contact Title: RPM
Contact Name: Randall Chaffins
Contact Tel: (404) 562-8910

Contact Title: Not reported
Contact Name: Corey Diehl-Miller
Contact Tel: (404) 562-8738

Contact Title: NPL Coordinator
Contact Name: Cindy Gurley
Contact Tel: (404) 562-8817

Contact Title: RPM
Contact Name: Ralph Howard
Contact Tel: (404) 562-8829

Contact Title: Not reported
Contact Name: Felicia Jackson
Contact Tel: (404) 562-8894

Contact Title: RPM
Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793

Contact Title: RPM
Contact Name: William Joyner
Contact Tel: (404) 562-8795

Contact Title: RPM
Contact Name: Mike Norman
Contact Tel: (404) 562-8792

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Contact Title: Not reported
Contact Name: Paul Wagner
Contact Tel: (404) 562-8792

Contact Title: Not reported
Contact Name: Beth Walden
Contact Tel: (404) 562-8814

Contact Title: Not reported
Contact Name: Donna Webster
Contact Tel: (404) 562-8870

Contact Title: Not reported
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

Contact Title: RPM
Contact Name: Craig Zeller
Contact Tel: (404) 562-8827

CERCLIS-NFRAP Site Alias Name(s):
Alias Name: EXXON CO. USA/CHARLESTON TERMINAL
Alias Address: Not reported
CHARLESTON, SC

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 06/01/1981
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 09/01/1982
Priority Level: Low priority for further assessment

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 06/30/1986
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 06/30/1986
Priority Level: NFRAP: No further Remedial Action planned

RCRA-SQG:
Date form received by agency: 04/14/2008
Facility name: PETROLIANCE LLC
Facility address: 1445 GREENLEAF ST
CHARLESTON, SC 29405
EPA ID: SCD000825323
Mailing address: GREENLEAF ST
CHARLESTON, SC 29405
Contact: DAVID MILLER
Contact address: GREENLEAF ST

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

CHARLESTON, SC 29405
Contact country: US
Contact telephone: (843) 628-7561
Contact email: Not reported
EPA Region: 04
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: EXXON MOBIL CORP
Owner/operator address: 3225 GALLOWS RD
FAIRFAX, VA 22307
Owner/operator country: US
Owner/operator telephone: (703) 846-6691
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: 04/01/2005

Owner/operator name: PETROLIANCE LLC
Owner/operator address: PO BOX 1145
CARY, NC 27512
Owner/operator country: US
Owner/operator telephone: (919) 290-1219
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/01/2006
Owner/Op end date: Not reported

Owner/operator name: LUBRICANT TECHNOLOGIES LLC
Owner/operator address: PO BOX 1145
CARY, NC 27502
Owner/operator country: US
Owner/operator telephone: (800) 545-1257
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/01/2005
Owner/Op end date: 07/01/2006

Owner/operator name: PETROLIANCE LLC
Owner/operator address: GREENLEAF ST
CHARLESTON, SC 29405
Owner/operator country: US
Owner/operator telephone: (843) 628-7561
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/01/2006
Owner/Op end date: Not reported

Owner/operator name: LUBRICANT TECHNOLOGIES LLC
Owner/operator address: GREENLEAF ST
CHARLESTON, SC 29405

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Owner/operator country: US
Owner/operator telephone: (843) 723-4210
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/23/2004
Owner/Op end date: 07/01/2006

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/17/2006
Facility name: PETROLIANCE LLC
Site name: LUBRICANT TECHNOLOGIES LLC
Classification: Small Quantity Generator

Date form received by agency: 06/23/2004
Facility name: PETROLIANCE LLC
Site name: EXXON MOBILE LUBRICANTS & PETROLEUM SPEC
Classification: Small Quantity Generator

Date form received by agency: 06/17/2004
Facility name: PETROLIANCE LLC
Site name: EXXON MOBILE LUBRICANTS & PETROLEUM SPEC
Classification: Small Quantity Generator

Date form received by agency: 07/29/2002
Facility name: PETROLIANCE LLC
Site name: EXXON MOBILE LUBRICANTS & PETROLEUM SPEC
Classification: Large Quantity Generator

Date form received by agency: 03/01/2002
Facility name: PETROLIANCE LLC
Site name: EXXON MOBIL LUBRICANTS & PETROLEUM SPEC
Classification: Large Quantity Generator

Date form received by agency: 07/27/2001
Facility name: PETROLIANCE LLC
Site name: EXXON MOBILE LUBRICANTS & PETROLEUM SPEC
Classification: Large Quantity Generator

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Date form received by agency: 07/13/2000
Facility name: PETROLIANCE LLC
Site name: EXXON MOBILE LUBRICANTS & PETROLEUM SPEC
Classification: Large Quantity Generator

Date form received by agency: 01/03/2000
Facility name: PETROLIANCE LLC
Site name: EXXON MOBIL LUBRICANTS & PETROLEUM SPEC
Classification: Large Quantity Generator

Date form received by agency: 03/01/1998
Facility name: PETROLIANCE LLC
Site name: EXXON COMPANY USA PLANT 4497
Classification: Large Quantity Generator

Date form received by agency: 03/01/1996
Facility name: PETROLIANCE LLC
Site name: EXXON COMPANY USA TERMINAL 4115
Classification: Large Quantity Generator

Date form received by agency: 03/01/1994
Facility name: PETROLIANCE LLC
Site name: EXXON COMPANY USA TERMINAL 4115
Classification: Large Quantity Generator

Date form received by agency: 03/21/1906
Facility name: PETROLIANCE LLC
Site name: EXXON CO USA TERMINAL 4115
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D004

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Waste code: F008
Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: F009
Waste name: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Waste code: U002
Waste name: ACETONE (I)

Waste code: U012
Waste name: ANILINE (I,T)

Waste code: U031
Waste name: 1-BUTANOL (I)

Waste code: U154
Waste name: METHANOL (I)

Waste code: U159
Waste name: 2-BUTANONE (I,T)

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Waste code: U359
Waste name: ETHANOL, 2-ETHOXY-

Facility Has Received Notices of Violations:
Regulation violated: SR - 265.37(a)(1+4),265.53(b)
Area of violation: Generators - General
Date violation determined: 04/20/1995
Date achieved compliance: 06/02/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.52(d)
Area of violation: Generators - General
Date violation determined: 04/20/1995
Date achieved compliance: 06/02/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 265.16(a)(1)+(d)
Area of violation: Generators - General
Date violation determined: 04/20/1995
Date achieved compliance: 06/02/1995
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 04/27/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 03/14/1991
Date achieved compliance: 04/30/1991
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 03/14/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

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Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/13/1990
Date achieved compliance: 05/15/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 02/13/1990
Date achieved compliance: 05/15/1990
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 02/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/02/1995
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/20/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/02/1995
Evaluation lead agency: State

Evaluation date: 04/30/1991
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/13/1991

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 04/30/1991
Evaluation lead agency: State

Evaluation date: 05/15/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/13/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/15/1990
Evaluation lead agency: State

Evaluation date: 02/13/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/15/1990
Evaluation lead agency: State

FINDS:

Registry ID: 110000353322

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

corrective action activities required under RCRA.

US Facility Response Plan (FRP) contains plans for responding, to the maximum extent practical, to worst case discharges of oil.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

SHWS:
EPA ID: SC0000861054

SPILL:

Incident ID number:	45642980
Incident Name:	200808131
District Logged In:	Not reported
Date DHEC notified:	12/05/2008
DHEC notification:	11:41:52
Observed date:	12/05/2008
observed_t:	1122
Spill Date:	12/05/2008
Spill Time:	1122
Duration:	Not reported
Created Date:	12/05/2008
Updated Date:	06/25/2009
District Name:	Charleston EQC Office
PRP Last Name:	Not reported
PRP First Name:	Not reported
Incident substance type:	Oil
Received by Name:	RYAN MCDANIEL
Revieved by Name:	GREGORY SAMS
Transportation:	N
Surface water affected:	Yes
Lead Investigator Name:	Not reported
CCBEP:	No
Water body:	Cooper River
Caller Last Name:	Not reported
Caller name:	Not reported
Caller phone number:	Not reported

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Caller extension: Not reported
Caller organization: Not reported
Substance: DIESEL
Quantity: 5
Units: Gallons
Recovered: 2
Recovered Units: Gallons
Comments: Not reported

Incident ID number: 68873378
Incident Name: 201004540
District Logged In: Not reported
Date DHEC notified: 08/20/2010
DHEC notification: 19:05:35
Observed date: 08/20/2010
observed_t: 16:30:00
Spill Date: 08/20/2010
Spill Time: 16:15:00
Duration: Not reported
Created Date: 08/25/2010
Updated Date: 09/01/2010
District Name: Charleston EQC Office
PRP Last Name: KINDER MORGAN OPERATING LP C
PRP First Name: Not reported
Incident substance type: Hazardous Material
Received by Name: MARY BRIGHT
Revieved by Name: MARK HIOTT
Transportation: Not reported
Surface water affected: Not reported
Lead Investigator Name: Not reported
CCBEP: No
Water body: Not reported
Caller Last Name: Not reported
Caller name: Not reported
Caller phone number: Not reported
Caller extension: Not reported
Caller organization: Not reported
Substance: Not reported
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Recovered Units: Not reported
Comments: Not reported

NPDES:
Facility ID: SC0000035036
District: CHARLESTON EQC OFFICE
Owner Type: PRIVATE
Owner Name: KINDER MORGAN OPERATING LP C
Owner Address: 1500 GREENLEAF ST
Owner Address: CHARLESTON
Owner State: SC
Owner Zip: 29405
Permit Type: WTRNPDESWWTP
Sub/Facility Type: INDUSTRIAL

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

App Status Date:	27-AUG-08
Issue Date:	Not reported
Permit Number:	SC0001350
Permit Status:	ISSUE
Status Date:	27-SEP-10
Receiving Stream:	DITCH (TIDAL CRK) TO COOPER RV
Owner Adddress 2:	Not reported
Facility Address 2:	Not reported
Owner Eid:	149352
Address Type Code:	SITE
State Code:	SC
Permit Eid:	9757875
Updated Date:	27-SEP-10
Created Date:	01-SEP-88
Site Eid:	Not reported
Owner Address Type:	BUSINESS
Location Address 1:	Not reported
Location Address 2:	Not reported
Location City:	Not reported
Location County:	Not reported
Location State:	Not reported
Location Zip:	Not reported
Location Addresss Type:	Not reported
Owner County:	Charleston
Local Facility Company Name:	Not reported
Permit Operating Code:	ACT
Eid:	9757875
Cf Break Field:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Comp Name:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Zip Code:	29405
Cf Address 1:	1500 GREENLEAF ST
Cf No Address 2:	CHARLESTON SC 29405
Cf Owner Address 3:	Not reported
Cf Co Address 1:	Not reported
Cf Owner Zip:	29405
Cf Owner Address 2:	CHARLESTON SC 29405
Cf Rev:	Rev: 1.4
Cf Report Title:	SCDHEC
Cf Permit Act:	Active/Operating
Facility ID:	SC0000035036
District:	CHARLESTON EQC OFFICE
Owner Type:	PRIVATE
Owner Name:	KINDER MORGAN OPERATING LP C
Owner Address:	1500 GREENLEAF ST
Owner Address:	CHARLESTON
Owner State:	SC
Owner Zip:	29405
Permit Type:	WTRNPDESWWTP
Sub/Facility Type:	INDUSTRIAL
App Status Date:	16-AUG-02
Issue Date:	16-AUG-02
Permit Number:	SC0001350
Permit Status:	ISSUE
Status Date:	27-SEP-10
Receiving Stream:	DITCH (TIDAL CRK) TO COOPER RV
Owner Adddress 2:	Not reported

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Facility Address 2:	Not reported
Owner Eid:	149352
Address Type Code:	SITE
State Code:	SC
Permit Eid:	9757875
Updated Date:	27-SEP-10
Created Date:	01-SEP-88
Site Eid:	Not reported
Owner Address Type:	BUSINESS
Location Address 1:	Not reported
Location Address 2:	Not reported
Location City:	Not reported
Location County:	Not reported
Location State:	Not reported
Location Zip:	Not reported
Location Addresss Type:	Not reported
Owner County:	Charleston
Local Facility Company Name:	Not reported
Permit Operating Code:	ACT
Eid:	9757875
Cf Break Field:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Comp Name:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Zip Code:	29405
Cf Address 1:	1500 GREENLEAF ST
Cf No Address 2:	CHARLESTON SC 29405
Cf Owner Address 3:	Not reported
Cf Co Address 1:	Not reported
Cf Owner Zip:	29405
Cf Owner Address 2:	CHARLESTON SC 29405
Cf Rev:	Rev: 1.4
Cf Report Title:	SCDHEC
Cf Permit Act:	Active/Operating

Facility ID:	SC0000035036
District:	CHARLESTON EQC OFFICE
Owner Type:	PRIVATE
Owner Name:	KINDER MORGAN OPERATING LP C
Owner Address:	1500 GREENLEAF ST
Owner Address:	CHARLESTON
Owner State:	SC
Owner Zip:	29405
Permit Type:	WTRNPDESWWTP
Sub/Facility Type:	INDUSTRIAL
App Status Date:	16-AUG-02
Issue Date:	16-AUG-02
Permit Number:	SC0001350
Permit Status:	ISSUE
Status Date:	27-SEP-10
Receiving Stream:	DITCH (TIDAL CRK) TO COOPER RV
Owner Adddress 2:	Not reported
Facility Address 2:	Not reported
Owner Eid:	149352
Address Type Code:	SITE
State Code:	SC
Permit Eid:	9757875
Updated Date:	27-SEP-10
Created Date:	01-SEP-88

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Site Eid:	Not reported
Owner Address Type:	BUSINESS
Location Address 1:	Not reported
Location Address 2:	Not reported
Location City:	Not reported
Location County:	Not reported
Location State:	Not reported
Location Zip:	Not reported
Location Addresss Type:	Not reported
Owner County:	Charleston
Local Facility Company Name:	Not reported
Permit Operating Code:	ACT
Eid:	9757875
Cf Break Field:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Comp Name:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Zip Code:	29405
Cf Address 1:	1500 GREENLEAF ST
Cf No Address 2:	CHARLESTON SC 29405
Cf Owner Address 3:	Not reported
Cf Co Address 1:	Not reported
Cf Owner Zip:	29405
Cf Owner Address 2:	CHARLESTON SC 29405
Cf Rev:	Rev: 1.4
Cf Report Title:	SCDHEC
Cf Permit Act:	Active/Operating

Facility ID:	SC0000035036
District:	CHARLESTON EQC OFFICE
Owner Type:	PRIVATE
Owner Name:	KINDER MORGAN OPERATING LP C
Owner Address:	1500 GREENLEAF ST
Owner Address:	CHARLESTON
Owner State:	SC
Owner Zip:	29405
Permit Type:	WTRNPDESWWTP
Sub/Facility Type:	INDUSTRIAL
App Status Date:	16-AUG-02
Issue Date:	16-AUG-02
Permit Number:	SC0001350
Permit Status:	ISSUE
Status Date:	27-SEP-10
Receiving Stream:	DITCH (TIDAL CRK) TO COOPER RV
Owner Adddress 2:	Not reported
Facility Address 2:	Not reported
Owner Eid:	149352
Address Type Code:	SITE
State Code:	SC
Permit Eid:	9757875
Updated Date:	27-SEP-10
Created Date:	01-SEP-88
Site Eid:	Not reported
Owner Address Type:	BUSINESS
Location Address 1:	Not reported
Location Address 2:	Not reported
Location City:	Not reported
Location County:	Not reported
Location State:	Not reported

EXXON CO. USA/CHARLESTON TERMINAL (Continued) **1000336915**

Location Zip:	Not reported
Location Addresss Type:	Not reported
Owner County:	Charleston
Local Facility Company Name:	Not reported
Permit Operating Code:	ACT
Eid:	9757875
Cf Break Field:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Comp Name:	KINDER MORGAN-SHIPYARD RIVER TERMINAL
Cf Zip Code:	29405
Cf Address 1:	1500 GREENLEAF ST
Cf No Address 2:	CHARLESTON SC 29405
Cf Owner Address 3:	Not reported
Cf Co Address 1:	Not reported
Cf Owner Zip:	29405
Cf Owner Address 2:	CHARLESTON SC 29405
Cf Rev:	Rev: 1.4
Cf Report Title:	SCDHEC
Cf Permit Act:	Active/Operating

AIRS:

Operate Status:	Not reported
Year Inv:	Not reported
Emissions Contact:	CHRIS PETRY SR
Contact Telephone:	84385304532263
Mail Address:	1500 GREENLEAF ST
Mailing City:	CHARLESTON
Mail State:	SC
Mail Zip:	294059308
Latitude/Longitude:	324941 / 795617
Source Industrial Code (Sic):	4226
Naics Code:	49319
State Permit Number:	0560-0015
State Permit Type:	COND
Pollutant Description:	Not reported
Estimated Emissions (Tons/Yr):	Not reported

121
South
1/2-1
0.968 mi.
5113 ft.

Relative:
Higher

Actual:
22 ft.

PACIFIC GUANO
1505 KING STREET EXTENSION
CHARLESTON, SC 29405

CERCLIS **1001216999**
FINDS **SC0002332799**
SHWS
GWCI
ALLSITES
VCP
BROWNFIELDS

CERCLIS:

Site ID:	0406788
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Not reported

CERCLIS Site Contact Name(s):

Contact Name:	Corey Hendrix
Contact Tel:	(404) 562-8738
Contact Title:	Site Assessment Manager (SAM)
Contact Name:	Mike Norman
Contact Tel:	(404) 562-8792
Contact Title:	Remedial Project Manager (RPM)

PACIFIC GUANO (Continued) **1001216999**

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Craig Zeller
Contact Tel: (404) 562-8827
Contact Title: Site Assessment Manager (SAM)

Contact Name: Ralph Howard
Contact Tel: (404) 562-8829
Contact Title: Remedial Project Manager (RPM)

Contact Name: Yvonne Jones
Contact Tel: (404) 562-8793
Contact Title: Remedial Project Manager (RPM)

Contact Name: William Joyner
Contact Tel: (404) 562-8795
Contact Title: Site Assessment Manager (SAM)

Contact Name: AL CHERRY
Contact Tel: (404) 562-8828
Contact Title: Remedial Project Manager (RPM)

Contact Name: Paul Wagner
Contact Tel: (404) 562-8792
Contact Title: Remedial Project Manager (RPM)

Contact Name: Donna Seadler
Contact Tel: (404) 562-8870
Contact Title: Site Assessment Manager (SAM)

Site Description: Former phosphate/fertilizer plant which operated from 1800 to 1956. Site referred to as Merchants Fertilizer and A.F. Pringle. Site will be investigated by under EPA and SCDHEC phosphate/fertilizer geographic initiative.

CERCLIS Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/01/98
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 01/01/99
Date Completed: 09/27/99
Priority Level: Higher priority for further assessment

Action: SITE INSPECTION
Date Started: 01/20/99
Date Completed: 09/27/99
Priority Level: Higher priority for further assessment

Action: EXPANDED SITE INSPECTION
Date Started: Not reported
Date Completed: 09/18/03
Priority Level: Referred to Removal, no further Rmdl Asmt

PACIFIC GUANO (Continued) **1001216999**

FINDS:

Registry ID: 110009310762

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

SHWS:
EPA ID: SC0002332799

SC GWIC:

Bureau:	BLWM
EAP ID:	SC0002332799
Solid Waste Permit #:	Not reported
Bureau of Land & Waste Management File #:	56129
Permit Number:	Not reported
WPC Permit:	Not reported
Program:	SUPERFUND
Contamination:	METALS
Petroleum Products:	False
Volatile Organic Compounds:	False
Metals:	True
Nitrates or Potential to Nitrate:	False
Pesticides & Herbicides:	False
Polychlorinated Biphenyls:	False
Base, Neutral, & Acid Extractables:	False
Phenols:	False
Radionuclides Over Max Contaminant Levels:	False
Sources Not In Other Categories:	False
Source:	S/L
Underground Storage Tanks:	False
Pits, Ponds, & Lagoons:	False
Spills & Leaks:	True
Landfills:	False
Aboveground Storage Tank:	False
Spray Irrigation:	False
Single-Event Spill:	False
Unpermitted Disposal:	False
Septic Tank/Tile Field:	False
Substances Not In Other Categories:	False
Sources of Contamination Undetermined:	False
Assessment:	NO
Monitoring:	YES
Remediation:	YES
Surface Impact:	NO
Drinking Water Well Impact:	NO
Remarks:	BLWM File # 56129. In monitoring and remediation phases.

ALLSITES:

PACIFIC GUANO (Continued) **1001216999**

Brownfield: No
Brownfield Type: Hazardous Substances
DHEC EQC Region: 07
Funds Used: No
Resp Action: Yes
Lat: 32.81553634
Long: -79.95643599
Impacted Media: Soil Contamination G/W Contamination Arsenic, Lead Arsenic Lead

VCP:
Entity Resp for Conditional Remedy: Not reported
Region: Not reported
Tax Map Id: Not reported
Latitutde: Not reported
Longitude: Not reported
Tracking Num: Not reported
Regulatory Program: Not reported
Contract #: 00-5296-RP
Old Contract #: 5296
Company Name: Greer Drug/Pacific Guano/Amerisource
Acreage: Not reported
Exec Date: 5/15/00
Completed: Not reported
Restrictive Covenant: Not reported
On CERCLIS: Yes
File Number: 56129

SC BROWNFIELD:
Contract Number: 00-5296-RP
Contract Type: RP
File Number: 56129
Contract Manager: Not reported
Person Company: AMERISOURCE CORPORATION
Primary Address1: Not reported
Primary Address2: Not reported
Primary City: Not reported
Primary State Code: Not reported
Primary Zip Code: Not reported
Type Brownfield: Hazardous Substances
Acreage: 9.6099999999999994
Contract Executed: 2000-05-15 00:00:00
COC Date Issued: Not reported
RC Executed: Not reported
Contact: Not reported
Status Code: ACTIVE
IC Received: Not reported
Workplan Due: 2000-05-15 00:00:00
Workplan Received: Not reported
Workplan Reviewed: Not reported
Workplan Approved: Not reported
Report Received: Not reported
Report Reviewed: Not reported
Report Approved: Not reported
Cap Approved: 2007-06-01 00:00:00
Contract Mailed: Not reported
Date Terminated: Not reported

PACIFIC GUANO (Continued) **1001216999**

Contract Number:	08-5296-NRP
Contract Type:	NRP
File Number:	56129
Contract Manager:	STAMPS, JERRY M
Person Company:	DIXIE INVESTMENTS II LLC
Primary Address1:	209 N FT LAUDERDALE BEACH BLVD UNIT 14A
Primary Address2:	Not reported
Primary City:	FT LAUDERDALE
Primary State Code:	FL
Primary Zip Code:	33304
Type Brownfield:	Hazardous Substances
Acreage:	9.5999999999999996
Contract Executed:	2008-05-16 00:00:00
COC Date Issued:	2008-12-16 00:00:00
RC Executed:	2008-07-03 00:00:00
Contact:	Charles Frasier
Status Code:	ACTIVE
IC Received:	2008-03-07 00:00:00
Workplan Due:	Not reported
Workplan Received:	Not reported
Workplan Reviewed:	Not reported
Workplan Approved:	Not reported
Report Received:	Not reported
Report Reviewed:	Not reported
Report Approved:	Not reported
Cap Approved:	Not reported
Contract Mailed:	2008-02-29 00:00:00
Date Terminated:	Not reported

122
ESE
1/2-1
0.973 mi.
5136 ft.

KINDER MORGAN **RCRA-NonGen** **1000350405**
1801 MILFORD ST **SHWS** **SCD106262140**
CHARLESTON, SC 29405 **UST**
AIRS

Relative:
Higher

Actual:
18 ft.

RCRA-NonGen:

Date form received by agency:	04/15/2008
Facility name:	KINDER MORGAN
Facility address:	1801 MILFORD ST CHARLESTON, SC 29405
EPA ID:	SCD106262140
Mailing address:	MILFORD ST CHARLESTON, SC 29405
Contact:	MATTHEW KRAUSMANN
Contact address:	GREENLEAF ST CHARLESTON, SC 29405
Contact country:	US
Contact telephone:	(843) 296-1272
Contact email:	Not reported
EPA Region:	04
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SHELL MINING CO
Owner/operator address:	OWNERSTREET OWNERCITY, WY 99999

KINDER MORGAN (Continued) **1000350405**

Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: OPERNAME
Owner/operator address: OPERSTREET
OPERCITY, WY 99999
Owner/operator country: Not reported
Owner/operator telephone: (404) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 11/02/1998
Facility name: KINDER MORGAN
Site name: SHIPYARD RIVER COAL TERMINAL
Classification: Not a generator, verified

Date form received by agency: 02/18/1992
Facility name: KINDER MORGAN
Site name: SHIPYARD RIVER COAL TERMINAL
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

KINDER MORGAN (Continued) **1000350405**

Violation Status: No violations found

SHWS:
EPA ID: SCS123457110

UST:
Facility ID: 9779
Owner: SHIPYARD RIVER COAL TERMINAL
Owner Contact: ASHLEY BROGDON
Owner Address: 1801 MILFORD ST
Owner City,St,Zip: CHARLESTON, SC
Owner Phone: 843-772-2878
Contact: ASHLEY BROGDON
Contact Tel: 843-772-2878

Tank ID: 1
Capacity: 1200
Product: Diesel
Calcage: Not reported
Status: Abandoned

Tank ID: 2
Capacity: 1200
Product: Diesel
Calcage: Not reported
Status: Abandoned

Tank ID: 3
Capacity: 1000
Product: Diesel
Calcage: Not reported
Status: Abandoned

AIRS:
Operate Status: Not reported
Year Inv: Not reported
Emissions Contact: ANDREW MIKER
Contact Telephone: 8432969318
Mail Address: 1801 MILFORD ST
Mailing City: CHARLESTON
Mail State: SC
Mail Zip: 29405
Latitude/Longitude: 324938 / 795638
Source Industrial Code (Sic): 4491
Naics Code: 488310
State Permit Number: 0560-0027
State Permit Type: Not reported
Pollutant Description: Not reported
Estimated Emissions (Tons/Yr): Not reported

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CHARLESTON	1007231998	REYNOLDS 66	HWY 162 & 17	29407	FINDS, LUST
CHARLESTON	U004017922	REYNOLDS 66	HWY 162 / 17	29407	GWCI, UST
CHARLESTON	S105899964	529 AND 537 MEETING STREET	529 / 537 MEETING ST	29403	SHWS, BROWNFIELDS
CHARLESTON	S106614199	KING & SPRING STREETS SITE	544 - 562 KING ST; 23 SPRING ST	29403	SHWS, ALLSITES, VCP, BROWNFIEL
CHARLESTON	1004780172	CAROLINA TIRE COMPANY	1754 HIGHWAY 7	29407	RCRA-NonGen, FINDS
CHARLESTON	U004017623	DERST BAKING CO	1731 HWY 7	29407	GWCI, UST
CHARLESTON	1007229416	DERST BAKING CO	1731 HWY 7	29407	FINDS, LUST
CHARLESTON	U004017585	PARKER LINCOLN MERCURY	1200 HWY 7	29407	UST
CHARLESTON	S106194715	PARKER LINCOLN MERCURY	1200 HWY 7	29407	LUST
CHARLESTON	U003930635	ST ANDREWS BLVD PROPERTY	933 ST ANDREWS BLVD	29407	GWCI, UST
CHARLESTON	U004017761	HESS STATION 40225	853 ST ANDREWS BLVD	0	GWCI, UST
CHARLESTON	U004018088	SCOTCHMAN 122	641 ST ANDREWS BLVD	29414	GWCI, UST
CHARLESTON	S102448929	CHARLESTON LDF	ASHLEY RIVER / US 17		SHWS, ALLSITES, RCR, SPILLS, VCP, BROWNFIELDS
CHARLESTON	U004017939	FORMER OASIS BOB PATRICK	2495 ASHLEY RIVER RD WOODLAND	29407	GWCI, UST
CHARLESTON	U003930539	TARMAC LONE STAR INC	AZALEA DR	29405	UST
CHARLESTON	1006811456	SCE&G ACCABEE SUBSTATION	AZALEA DR	29405	RCRA-NonGen, FINDS
CHARLESTON	1004780501	SIGNATURE COLLISION SPECIALIST	1905 BELGRADE AVE HWY 7	29407	RCRA-CESQG, FINDS
CHARLESTON	U003619239	CHARLESTON NAVAL BASE CPW COMPLEX	BLDG 1175 CNSYD	29408	GWCI
CHARLESTON	S110143027	CORE SOUND REALTY, INC. SITE	DISCHER ST /1797 KING ST EXT	29405	BROWNFIELDS
CHARLESTON	S109694636	CORE SOUND REALTY INC SITE	DISCHER ST /1797 KING ST EXT	29405	ALLSITES
CHARLESTON	S106614197	CORE SOUND REALTY INC SITE	DISCHER ST /1797 KING ST EXT	29405	SHWS, VCP
CHARLESTON	U003878950	ASHLEY TIRE & BATTERY	25 FOLLY RD & ALBEMARLE	29407	GWCI, UST
CHARLESTON	1004780943	BRASWELL SERVICES GROUP SHIPYARD CREEK	800 HERBERT ST	29405	RCRA-NonGen, FINDS
CHARLESTON	1004780369	FABER PLACE GAS TURBINE	LEEDS AVE. AT AZALEA RD.	29405	RCRA-CESQG, FINDS
CHARLESTON	1010567673	CSX INTERMODAL	4201A MEETING ST	29405	RCRA-CESQG
CHARLESTON	1004779830	BST CHTNSCGS 91122	2600 MEETING ST	29405	RCRA-CESQG
CHARLESTON	1007230002	CHARLESTON NAVAL WEAPONS STATION COMMON TANKS INFO	NAVAL WEAPONS STATION	29408	FINDS, LUST
CHARLESTON	S108953929	LOGAN-ROBINSON FERTILIZER COMPANY	E OF WASHINGTON ST / N OF CHARLOTTE	29403	SHWS
CHARLESTON	U003878602	PANTRY 3353 DBA QUICK STOP	1141 OLD TOWN RD	29407	GWCI, UST
CHARLESTON	S105109475	HOLSTON SANITARY LANDFILL	ROMNEY STREET	29403	SHWS, ALLSITES, RCR, VCP, BROWNFIELDS
CHARLESTON	1003869764	BAYSIDE GARDENS & MANOR APTS	NORTH ROMNEY ST	29403	CERC-NFRAP, SHWS
CHARLESTON	1007244219	GLIDDEN COATINGS & RESINS	2020 SAVANNAH HWY @ ORLEANS ST	29407	FINDS, RCR, LUST
CHARLESTON	U004017548	GLIDDEN COATINGS & RESINS	2020 SAVANNAH HWY @ ORLEANS ST	29407	GWCI, UST
CHARLESTON	S105621364	DRYCLEAN USA COASTAL #310	1643 B SAVANNAH HWY	29401	SHWS, DRYCLEANERS
CHARLESTON	S108051900	NAVAL SHIPYARD - CHARLESTON	ON SHORE OF COOPER RIVER;I-26 / REMOUNT	29408	ALLSITES, RCR, VCP, BROWNFIELD
CHARLESTON	U004017987	CAROLINA TIRE CO	1754 STATE HWY #7	29407	UST
CHARLESTON HEIGHTS	1010415796	CHARLESTON SCHOOL BUS MAINTENANCE	AZALEA DRIVE	29405	RCRA-NonGen
N CHARLESTON	S109546056	PARK SOUTH TRACT	SPRUILL AVE	29405	SHWS
N. CHARLESTON	2007308768	1120 NORTH PORT DRIVE	1120 NORTH PORT DRIVE	29405	ERNS
N. CHARLESTON	2005622111	1120 NORTH PORT DRIVE	1120 NORTH PORT DRIVE	29405	ERNS

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
N. CHARLESTON	S110143036	PARK SOUTH TRACT	SPRUILL AVE	29405	BROWNFIELDS
NORTH CHARLESTO	S106233995	NATIONAL WELDERS	4200 / 4202 DORCHESTER RD	29405	SHWS, ALLSITES, VCP, BROWNFIEL
NORTH CHARLESTO	U004017857	CIRCLE K 8092	5270 ATTAWAY AVE	0	GWCI, UST
NORTH CHARLESTO	S105736150	MARTIN MARIETTA MATERIALS INC SITE	VIRGINIA AVE	29405	SHWS, ALLSITES, VCP
NORTH CHARLESTON	U004017611	PANTRY 298	4010 ASHLEY PHOSPHATE RD	0	GWCI, UST
NORTH CHARLESTON	1007232580	CHARLESTON NAVAL BASE NS851	CHARLESTON NAVAL BASE	29405	FINDS, LUST
NORTH CHARLESTON	U004018028	PYA MONARCH INC	3895 MEETING ST		GWCI, UST
NORTH CHARLESTON	1007229935	PYA MONARCH INC	3895 MEETING ST	29405	FINDS, RCR, LUST
NORTH CHARLESTON	U004130939	MURPHY EXPRESS 8552	8599 RIVERS AVE	29405	UST
NORTH CHARLESTON	U004154265	CHARLESTON BOAT CENTER	5133 RIVERS AVE	29405	UST
PIERPONT	U004017504	WALLYS TEXACO	2376 HWY 61	29407	GWCI, UST
PIERPONT	1007237717	WALLYS TEXACO	2376 HWY 61	29407	FINDS, LUST

EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
**** - Indicates location may or may not be in requested radius. Site has not been assigned a latitude/longitude coordinate. Further review recommended.**								
29405	97376057				**	CHARLESTON	SC	ERNS
29405	973936080				**	NORTH CHARLESTON	SC	ERNS
29405	2007311621				**	CHARLESTON	SC	ERNS
29405	1009644839				**	NORTH CHARLESTON	SC	DOT OPS
29405	1009639320				**	CHARLESTON	SC	DOT OPS
29405	953105100				**	CHARLESTON	SC	ERNS
29405	95306240				**	NORTH CHARLESTON	SC	ERNS
29405	953049440				**	CHARLESTON	SC	ERNS
29405	1009645740				**		SC	DOT OPS
29405	S105899961		USA CHARLESTON ARMY DEPOT		**	NORTH CHARLESTO	SC	SHWS
29405	95313441				**	CHARLESTON	SC	ERNS
29405	95313980				**	CHARLESTON	SC	ERNS
29405	97397569				**	CHARLESTON	SC	ERNS
29405	953049441				**	CHARLESTON	SC	ERNS
29405	95314111				**	CHARLESTON	SC	ERNS
29405	953105101				**	CHARLESTON	SC	ERNS
29405	97385345				**	CHARLESTON	SC	ERNS
29405	973936081				**	NORTH CHARLESTON	SC	ERNS
29405	2001562743				**	CHARLESTON	SC	ERNS
29405	97378445				**	NORTH CHARLESTON	SC	ERNS
29405	2001561179				**	NORTH CHARLESTON	SC	ERNS
29405	98459767				**	CHARLESTON	SC	ERNS
29405	97390022				**	CHARLESTON	SC	ERNS
29405	2006821570				**	CHARLESTON	SC	ERNS
29405	1009666481	110025512185	BONDS-WILSON HIGH SCHOOL		**	NORTH CHARLESTON	SC	FINDS
29405	97402795				**	CHARLESTON	SC	ERNS
29405	1009645401				**	CHARLESTON	SC	DOT OPS
29405	1009640631				**	CHARLESTON	SC	DOT OPS
29405	1009760547	110026777290	OAK TERRACE SCHOOL		**	NORTH CHARLESTON	SC	FINDS
29405	95292428				**	CHARLESTON HEIGHTS	SC	ERNS
29405	95309261				**	NORTH CHARLESTON	SC	ERNS
29405	1009687731	110025758222	MALCOLM C HURSEY ELEMENTARY SCH(		**	NORTH CHARLESTON	SC	FINDS
29405	97393290				**	NORTH CHARLESTON	SC	ERNS
29405	95302737				**	NORTH CHARLESTON	SC	ERNS
29405	97372274				**	CHARLESTON	SC	ERNS
29405	U001537243	14877	UST - UNKNOWN 14877	1401 / 1403 KINGS ST		CHARLESTON	SC	LUST, UST
29405	1007243802	110017155834	UST - UNKNOWN 14877	1401 & 1403 KINGS ST	**	CHARLESTON	SC	FINDS
29405	1008010310	110008546877	JANE EDWARDS	HWY 174	**	EDISTO	SC	FINDS
29405	1007263440	110017382642	CHARLESTON COUNTY SCHOOL DISTRIC	HWY 17N	**	MCCLELLANVILLE	SC	FINDS
29405	1005791132	110002188953	BAPTIST HILL HS WWTF	C/O 3999 BRIDGE VIEW DR	**	N. CHARLESTON	SC	FINDS
29405	S106233995		NATIONAL WELDERS	4200 / 4202 DORCHESTER RD	**	NORTH CHARLESTO	SC	BROWNFIELDS, VCP, ALLSITES, SHWS
29405	1007229830	110017010492	PHILLIPS 66 CO 020866	US 52	**	CHARLESTON	SC	FINDS
29405	U004018160	1760	PHILLIPS 66 CO 020866	US 52	**	CHARLESTON	SC	UST
29405	1005487980	110009793562	SC DEPT CORR/TYGER RIVER CORRE	SC 56 1MI N OF BRIDGE/TYGER R	**	CROSS ANCHOR	SC	NPDES, FINDS
29405	1007245019	110017168606	MIDDLETON GARDEN	HWY 61	**	CHARLESTON	SC	FINDS, LUST
29405	U000479629	3015	MIDDLETON GARDEN	HWY 61		CHARLESTON	SC	UST
29405	2001553771		HWY 98 AND	HWY 98 AND	**	BROOKSVILLE	FL	ERNS
29405	1008227884	110020988369	DELTA INDUSTRIES (MEETING ST)	?UNKNOWN?	**	NORTH CHARLESTON	SC	FINDS
29405	1008215245	110020920510	CROSBY'S GARAGE	?UNKNOWN?	**	NORTH CHARLESTON	SC	FINDS
29405	1008231978	110020973080	TEC CEP	?UNKNOWN?	**	NORTH CHARLESTON	SC	FINDS
29405	1008231973	110020973035	WEST NECK (KOPPERS)	NO ADDRESS	**	NORTH CHARLESTON	SC	FINDS
29405	1008232795	110020982819	TRI COUNTY TECH ED CENTER	NO ADDRESS	**	NORTH CHARLESTON	SC	FINDS
29405	1008231972	110020973026	CHARLESTON RIFLE CLUB	NO ADDRESS	**	NORTH CHARLESTON	SC	FINDS
29405	1008231974	110020973044	PLANT HAYGOOD (SCE&G)	NO ADDRESS	**	NORTH CHARLESTON	SC	FINDS
29405	1008232796	110020982828	ST ANDREWS FIRE STATION #12	NO ADDRESS	**	NORTH CHARLESTON	SC	FINDS
29405	1000359014	110002230443	AMERICAN DEVELOPMENT CORPORATIO	2399 AIR PARK ROAD		CHARLESTON	SC	CERCLIS, RCRA-NonGen, FINDS
29405	1008221863	110022434178	BOEING COMMERCIAL AIRPLANES CHAR	3455 AIRFRAME DR BLDG 100		N CHARLESTON	SC	FINDS
29405	1006088741	110002314004	MOBAY CHEM CORP/VERONA DYESTUFF	2 AIRPARK RD	**	NORTH CHARLESTON	SC	FINDS
29405	1000160806	SCD037404084	MOBAY CHEM CORP/VERONA DYESTUFF	2 AIRPARK RD		NORTH CHARLESTON	SC	RCRA-NonGen
29405	1012092673	110038808742	ENVIRONMENTAL SYSTEMS DEVELOPME	2399 AIRPORT RD		CHARLESTON	SC	FINDS
29405	1007239801	110017113924	TRI-COUNTY CONCRETE CORP	2463 AIRPORT RD		NORTH CHARLESTON	SC	FINDS
29405	U004017605	14360	TMS 472 0 0 018	AIRPORT RD	**	N CHARLESTON	SC	LUST, UST
29405	U003525974	14359	TMS 472 0 0 018	AIRPORT RD		N CHARLESTON	SC	GWCI, LUST, UST
29405	U004120508		ATLANTIC SOFT DRINK CO INC	1951 ALGONQUIN RD		CHARLESTON	SC	GWCI, LUST, UST
29405	99643265		ALLBRIGHT AND WILSON	ALLBRIGHT AND WILSON	**	CHARLESTON	SC	ERNS
29405	1007244284	110017160837	W E ENTERPRISES LLC	C/O ALLEN CROFT	**	CHARLESTON	SC	FINDS
29405	1007246428	110017183091	CHATHAM TOWING	ALLIED TERMIAL PIER	**	CHARLESTON	SC	FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
29405	1007458167	110017769976	CHEROKEE PLACE APARTMENTS	3360 APACHE STREET		NORTH CHARLESTON	SC	FTTS, FINDS
29405	1007273044		CHEROKEE PLACE APARTMENTS	3360 APACHE STREET		NORTH CHARLESTON	SC	FTTS
29405	1007230594	110017018617	NORTH CHARLESTON CITY OF	1021 ARAGON ST		N CHARLESTON	SC	FINDS, LUST
29405	U003619246	11558	NORTH CHARLESTON CITY OF	1021 ARAGON ST		N CHARLESTON	SC	UST
29405	1007244192	110017159858	SING HEATING	1024 ARAGON ST		NORTH CHARLESTON	SC	RCR, FINDS, LUST
29405	U004018195	1790	SING HEATING	1024 ARAGON ST		NORTH CHARLESTO	SC	GWCI, UST
29405	A100267453	534	SING HEATING COMPANY	1024 ARAGON STREET		NORTH CHARLESTON	SC	AST
29405	1007228320	110016995046	TRICOUNTY RADIOLOGY ASSOCIATES - A	3405 ARAPAHOE ST		CHARLESTON	SC	FINDS
29405	1007243643	110017154194	DONNA K GONZALES	5029 ASHBY AVE		NORTH CHARLESTON	SC	FINDS
29405	U004127760		LAQUINTA INN	11 ASHLEY POINT	**	CHARLESTON	SC	UST
29405	S109362483		LAQUINTA INN	11 ASHLEY POINT		CHARLESTON	SC	LUST
29405	1012099735	110038772548	RED & WHITE:PEPPERHILL-CLOSED	3278 ASHLEY PHOSH RD	**	NORTH CHARLESTON	SC	FINDS
29405	1007231660	110017029428	SUNOCO 0616-1145/COOP2672	4900 ASHLEY PHOSPHATE @ LINCOLN	**	NORTH CHARLESTON	SC	FINDS
29405	U003619587	12675	SUNOCO 0616-1145/COOP2672	4900 ASHLEY PHOSPHATE RD		NORTH CHARLESTON	SC	UST
29405	1007239760	110017113498	SOUTHERN ELECTRIC & GAS CO	ASHLEY PHOSPHATE RD	**	CHARLESTON	SC	FINDS
29405	U004018177	1776	SOUTHERN ELECTRIC & GAS CO	ASHLEY PHOSPHATE RD	**	CHARLESTON	SC	UST
29405	1004780804	110002253953	SIEBE NORTH INC BUTYL 2 PLT	4295 ATLANTA ST		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	S108282579		SALISBURY ELECTRICAL SAFETY LLC	4295 ATLANTA ST		CHARLESTON	SC	AIRS
29405	1003868447	SCD980558209	CHARLESTON OCEAN DISPOSAL	ATLANTIC OCEAN	**	CHARLESTON	SC	CERCLIS-NFRAP
29405	1000575846	110002258823	LIQUID TRANSPORT CORPORATION	2025 AUSTIN AVE	37, SSW, 1/4 - 1/2	CHARLESTON	SC	RCRA-CESQG, FINDS
29405	92289843		2045 AUSTIN AVE	2045 AUSTIN AVE		CHARLESTON	SC	ERNS
29405	1007240243	110017118670	COASTAL MARINE ENTERPRISES INC	2079 AUSTIN AVE		CHARLESTON	SC	FINDS
29405	1004781149	110002183716	EXXON MOBIL CORP	2079 AUSTIN AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	A100103647	980	DOLPHIN COVE MARINA	2079 AUSTIN AVE.		CHARLESTON	SC	AST
29405	1001216986	110009310735	STONO PHOSPHATE WORKS	2079 AUSTIN AVENUE	74, SW, 1/2 - 1	CHARLESTON	SC	GWCI, ALLSITES, CERCLIS, SHWS, FINDS
29405	1011524854		STONO PHOSPHATE WORKS	2079 AUSTIN AVENUE 2079 AUSTIN AVEN		CHARLESTON	SC	ICIS
29405	S105811287		HALL TWO SITE	AUSTIN AVE	62, SSW, 1/2 - 1	CHARLESTON	SC	BROWNFIELDS, VCP, ALLSITES, SHWS
29405	S105811294		VAN NESS SIGN & LEASING SITE	AUSTIN AVE	20, SSW, 1/4 - 1/2	CHARLESTON	SC	BROWNFIELDS, VCP, ALLSITES, SHWS
29405	1004780959	110002197220	SCE&G CHARLESTON FLEET MAINT CTR	1455 AVE B S BLDG 1346	**	CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1012092815	110038798165	CHARLESTON COUNTY ACADEMIC MAGN	1525 AVE B S		NORTH CHARLESTON	SC	FINDS
29405	1005792548	110002310044	SPACE & NAVAL WARFARE SYSTEMS CE	1690 AVE A S		NORTH CHARLESTON	SC	FINDS
29405	U003868968	18854	CHARLESTON NAVAL COMPLEX	1849 AVE F		CHARLESTON	SC	UST
29405	1007235108	110017065129	CHARLESTON NAVAL COMPLEX	1849 AVE F		CHARLESTON	SC	FINDS
29405	1004781062	110001672397	EXCEL APPARATUS SERVICES INC	1865 AVE B NORTH		N CHARLESTON	SC	RCRA-CESQG, FINDS
29405	S108281760		EXCEL APPARATUS NORTH CHARLESTOI	1865 AVE B NORTH, BLDG 177		NORTH CHARLESTO	SC	AIRS
29405	S105158868	18766	CHARLESTON NAVAL BASE COMPLEX BL	2154 AVE D		CHARLESTON	SC	LUST
29405	U003807501	18766	CHARLESTON NAVAL BASE COMPLEX BL	2154 AVE D		CHARLESTON	SC	UST
29405	1007259800	110017328738	CHARLESTON NAVAL BASE COMPLEX BL	2154 AVE D		CHARLESTON	SC	FINDS
29405	1012094377	110038799020	WRONG NEDS/ROBERT BENTZ	2820 AVE C N		NORTH CHARLESTON	SC	FINDS
29405	S110091394		FISHER RECYCLING INC.	2750 AVE. B, NORTH		NORTH CHARLESTO	SC	SWRCY
29405	1011293203	110036477835	ACADEMIC MAGNET HIGH	1525 AVENUE B. SOUTH		NO. CHARLESTON	SC	FINDS
29405	1005652958	110009703393	CHARLESTON MARINE CONTAINERS	2301 AVENUE D		CHARLESTON	SC	FINDS
29405	1007116205	SCR000003434	CHARLESTON MARINE CONTAINERS INC	2301 AVENUE D		CHARLESTON	SC	RCRAInfo-LQG
29405	1004781044	110002185439	DEFENSE AUTOMATED PRINTING SERVIC	2825 AVENUE D NORTH		N CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1007237593	110017091127	CTP PARTNERS LLC	2355 AVIATION AVE	**	CHARLESTON	SC	FINDS
29405	1005926307		BARECO-GARNET LOGISTICS	2701 AZALEA DRIVE		CHARLESTON	SC	TSCA
29405	1007245250	110017170988	RUSCON CORP PROP	2711 AZALEA DR	A, WNW, 1/2 - 1	CHARLESTON	SC	FINDS, LUST
29405	U004018319	1866	RUSCON CORP PROP	2711 AZALEA DR	A, WNW, 1/2 - 1	CHARLESTON	SC	GWCI, UST
29405	U004018084	1715	CONSTRUCTION EQUIP SALES	2740 AZALEA DR	I, NW, 1/2 - 1	CHARLESTON	SC	UST
29405	1007244043	1715	CONSTRUCTION EQUIP SALES	2740 AZALEA DR	I, NW, 1/2 - 1	CHARLESTON	SC	LUST
29405	1001081411	110002254961	CMC CONSTRUCTION SERVICES	2740 AZALEA DR	I, NW, 1/2 - 1	CHARLESTON	SC	RCRA-CESQG, FINDS
29405	S108282304		AMERICAST INC:CHARLESTON HEIGHTS	2750 AZALEA DR		CHARLESTON HEIG	SC	AIRS
29405	A100205517	1917	AMERICAST (TARMAC)	2750 AZALEA DRIVE	43, NW, 1/2 - 1	N. CHARLESTON	SC	AST
29405	1006068645	110001991827	AMERICAST CONCRETE PRODUCTS LLC	2750 AZALEA DRIVE		CHARLESTON	SC	FINDS
29405	1008171674	110020753807	MEADORS CONSTRUCTION CORP	2811 AZALEA DR		CHARLESTON	SC	FINDS
29405	1008202621	110020999026	MEADORS CONSTRUCTION CORP	2811 AZALEA DR		CHARLESTON	SC	AIRS, FINDS
29405	U004017683	1486	MONARCH BUILDING SUPPLY	2816 AZALEA DR	R, NW, 1/2 - 1	CHARLESTON	SC	UST
29405	1007229446	110017006568	MONARCH BUILDING SUPPLY	2816 AZALEA DR	R, NW, 1/2 - 1	CHARLESTON	SC	FINDS, LUST
29405	A100267822	1919	RENTAL SERVICE CORP - CHARLESTON	2841 AZALEA DR		N. CHARLESTON	SC	AST
29405	U004017979	1653	RENTAL SERVICE CORP STORE 477	2841 AZALEA DR	U, WNW, 1/2 - 1	CHARLESTON	SC	GWCI, RCR, UST
29405	1011618322		SALISBURY ELECTRICAL SAFETY LLC	4090 AZALEA DRIVE CHARLESTON SC		CHARLESTON	SC	ICIS
29405	1010787914	SCR000769745	UPS FREIGHT	4150 AZALEA DR		CHARLESTON	SC	RCRAInfo-SQG
29405	1011404189	110035430600	UPS FREIGHT	4150 AZALEA DR		CHARLESTON	SC	FINDS
29405	U004017584	1423	UPS FREIGHT	4150 AZALEA DR		CHARLESTON HGTS	SC	UST
29405	U004018203	1794	ABF FREIGHT SYSTEM	4151 AZALEA DR		CHARLESTON	SC	UST
29405	1007229954	110017011785	ABF FREIGHT SYSTEM	4151 AZALEA DR		CHARLESTON	SC	FINDS
29405	1007240825	110017124770	NATURES CALLING	4152 AZALEA DR		CHARLESTON	SC	FINDS
29405	1005453201	29405STHCH42	BRENNTAG SOUTHEAST INC	4200 AZALEA DR		CHARLESTON	SC	TRIS

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29405	1012050550		BRENNTAG SOUTHEAST INC	4200 AZALEA DR	**	CHARLESTON		SSTS
29405	1005436995		SOUTHCHEM, INC	4200 AZALEA DR		CHARLESTON	SC	SSTS
29405	1005425722		BURRIS CHEMICAL, INC.	4200 AZALEA DR.		CHARLESTON	SC	SSTS
29405	1000362421	110000535154	BRENNTAG INCORPORATED	4200 AZALEA DRIVE		CHARLESTON	SC	CERCLIS-NFRAP, RCRAInfo-SQG, SHWS, FINDS
29405	A100115484	1037	SOUTHCHEM, INC.	4200 AZALEA DRIVE		CHARLESTON	SC	AST
29405	S105527974		BIRD, WILLIAM M. AND CO. (FORMER BUI	4210 AZALEA DR		CHARLESTON	SC	BROWNFIELDS, SHWS
29405	1004781260	110002181095	COUNTY OF CHARLESTON PUBLIC WORK	4350 AZALEA DR		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	U003619173	9821	CHARLESTON COUNTY FLEET OPERATIC	4360 AZALEA DR		CHARLESTON	SC	GWCI, LUST, UST
29405	1000323139	110002255675	CHARLESTON COUNTY OF FLEET OPERA	4360 AZALEA DR		CHARLESTON	SC	RCRAInfo-SQG, FINDS
29405	S105921333	1546	CHARLESTON COUNTY FLEET OPERATIC	4360 AZALEA DRIVE		NORTH CHARLESTON	SC	AST
29405	U003520036	9783	CHARLESTON COUNTY CODE ENFORCEM	4370 AZALEA DR		CHARLESTON	SC	LUST, UST
29405	1007227221	110016983727	CHARLESTON COUNTY	4370 AZALEA DR		CHARLESTON	SC	FINDS
29405	1006811456	110013361361	SCE&G ACCABEE SUBSTATION	AZALEA DR	**	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007229823	110017010410	TARMAC LONE STAR INC	AZALEA DR	**	CHARLESTON	SC	FINDS
29405	U003930539	1781	TARMAC LONE STAR INC	AZALEA DR	**	CHARLESTON	SC	UST
29405	1010415796	SCD981865710	CHARLESTON SCHOOL BUS MAINTENANC	AZALEA DRIVE	**	CHARLESTON HEIGHTS	SC	RCRA-NonGen
29405	1008338884	110020973106	PUMP STATION	AZALIA DRIVE	**	NORTH CHARLESTON	SC	FINDS
29405	S108281770		FEDERAL LAW ENFORCEMENT TRAINING	2000 BAINBRIDGE AVE		CHARLESTON	SC	AIRS
29405	1004593897	110002231040	IMMIGRATION AND NATURALIZATION SEF	2000 BAINBRIDGE AVE		CHARLESTON	SC	FINDS
29405	1004781298	110012192260	FEDERAL LAW ENFORCEMENT TRAINING	2000 BAINBRIDGE AVE		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	2003637379		2010 BAINBRIDGE AVE	2010 BAINBRIDGE AVE		NORTH CHARLESTON	SC	ERNS
29405	1001203607	110002197284	SANI TECH ENVIRONMENT LLC	2051 BAINBRIDGE AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1011910996	110037285693	VCC-WANDO	2390 BAKER HOSPITAL BOULEVARD		CHARLESTON	SC	FINDS
29405	1011845424	SCN000410243	VCC-WANDO	2390 BAKER HOSPITAL BOULEVARD	H, WNW, 1/2 - 1	CHARLESTON	SC	CERCLIS
29405	S108953934		WANDO PHOSPHATE MILL	BAKER HOSPITAL BLVD	H, WNW, 1/2 - 1	NORTH CHARLESTO	SC	SHWS
29405	U004017556	1409	ESTES EXPRESS LINES	100 BANCO RD	**	CHARLESTON	SC	UST
29405	1007237755	110017092803	ESTES EXPRESS LINES	100 BANKO RD	**	CHARLESTON	SC	FINDS
29405	1007245078	110017169204	UNITED STATES BORDER PATROL ACADI	1180 BARRACKS AVE		NORTH CHARLESTON	SC	FINDS
29405	1005792522	110002310491	ENVIRONMENTAL ENTERPRISE GROUP II	1345 BARRACKS ROAD		CHARLESTON	SC	FINDS
29405	1000152267	110002255764	PLANT SPILL AREA	246 E BAY ST		CHARLESTON	SC	CERCLIS-NFRAP, RCRA-NonGen, FINDS
29405	1007837453	110020014447	TRIVEN PROPERTIES LLC	4425 BELLE OAKS DR		NORTH CHARLESTON	SC	FINDS
29405	1007227419	110016985734	WILLIAMS TRUCKING CO MAINT FAC	2506 BENNETT YARD RD		NORTH CHARLESTON	SC	FINDS
29405	U003526720	15152	WILLIAMS TRUCKING CO MAINT FAC	2506 BENNETT YARD RD		NORTH CHARLESTON	SC	UST
29405	1005791008	110002199585	FREDDIE JOHNSON SR	2620 BENNETT YD RD		CHARLESTON	SC	FINDS
29405	1007245248	110017170960	SEABOARD SYSTEM RR	2700 BENNETT YARD RD		CHARLESTON	SC	FINDS
29405	U004018326	1870	SEABOARD SYSTEM RR	2700 BENNETT YARD RD		CHARLESTON	SC	UST
29405	1007227087	110016982345	CSXT BENNETT YARD	2700 BENNETT YARD RD		CHARLESTON	SC	RCR, FINDS
29405	U003520634	17406	CSXT BENNETT YARD	2700 BENNETT YARD RD		CHARLESTON	SC	GWCI, LUST, UST
29405	U003526693	14929	COOPER	1097 BEXLEY ST		NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	1007241689	110017133804	WILLIAM COOPER	1097 BEXLEY ST		NORTH CHARLESTON	SC	FINDS
29405	1007235150	110017065593	JOYCE F RICHBOURG	1408 BEXLEY ST		CHARLESTON	SC	FINDS
29405	1007239796	110017113862	RECAPS INC	2868 BIRD ST		CHARLESTON	SC	FINDS
29405	U004018006	1669	RECAPS INC	2868 BIRD ST		CHARLESTON	SC	UST
29405	1008339911	29405GSRFN29	SAINT-GOBAIN VETROTEX AMERICA INC	2900 BIRD ST		NORTH CHARLESTON	SC	TRIS
29405	U004017685	1487	GENSTAR ROOFING PRODUCTS CO	2900 BIRD ST		NORTH CHARLESTON	SC	UST
29405	1007248412	110017203523	CERTAINTEED	2900 BIRD STREET		NORTH CHARLESTON	SC	FINDS
29405	S108110079	13207	OLD SCE&G FLEET MAINT FACILITY	1455 BORIE ST	**	N CHARLESTON	SC	LUST
29405	U003619212	13207	OLD SCE&G FLEET MAINT FACILITY	1455 BORIE ST		N CHARLESTON	SC	UST
29405	1012092179	110038767082	OLD SOUTH CERAMICS-CLOSED	BOX 2372 STATION A	**	CHARLESTON	SC	FINDS
29405	1007234250	110017056228	W D B COMPANY INC	PO BOX 10246	**	CHARLESTON	SC	FINDS
29405	1012092216	110038767091	PALMETTO SIGN CO	PO BOX 274	**	CHARLESTON	SC	FINDS
29405	1012093000	110038808822	BLUM, NEAL COMPANY	PO BOX 4365	**	CHARLESTON	SC	FINDS
29405	1012092551	110038767661	R C DIST OF SC - CLOSED	PO BOX 4957	**	CHARLESTON	SC	FINDS
29405	1012116978	110038787140	CUSTOM FABRICATED PRODUCTS	PO BOX 5263	**	NORTH CHARLESTON	SC	FINDS
29405	1007834164	110019981545	STROCK ENTERPRISES INC	PO BOX 5311	**	CHARLESTON	SC	FINDS
29405	1008230034	110020997732	JES TRANSPORT	PO BOX 5355	**	N CHARLESTON	SC	FINDS
29405	1007244307	110017161079	TRIDENT SANITATION SERVICES INC	PO BOX 6056	**	CHARLESTON	SC	FINDS
29405	1012095268	110038808617	ATLANTIC BOTTLING - CLOSED	PO BOX 6117	**	CHARLESTON	SC	FINDS
29405	1000322181	110007830614	C ENTERPRISES INC	PO BOX 6183	**	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007837432	110020014232	ARCHFIELD PLANTATION HOA	PO BOX 6232	**	CHARLESTON	SC	FINDS
29405	1000349411	110004938792	SHEPPARD TRUCK LINES	7680 BRANDYWNE RD		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1004780179	110002255069	GENERAL DIESEL INC	#4 BRASWELL ST		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1004780602	110002253711	SOUTHERN DREDGING CO CIN	105 BRASWELL ST		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	S110091445		SONOCO RECYCLING - CHARLESTON CO	20 BRASWELL STREET		CHARLESTON	SC	SWRCY
29405	1000390464	110004938435	BRASWELL SHIPYARDS INC/FED-SERV	3 BRASWELL ST		CHARLESTON	SC	CERCLIS-NFRAP, RCRA-NonGen, FINDS
29405	1005791675	110002180924	BRASWELL SERVICES GROUP - BRASWE	60 BRASWELL ST		CHARLESTON	SC	FINDS
29405	1001225633	110004943027	CONOCO INC ASHEPOO	61 BRASWELL ST		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007258279	110017312996	PARKER MARINE CONSTRUCTION	68 BRASWELL ST		CHARLESTON	SC	FINDS

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29405	U004018360	1895	KENAN TRANSPORT CO	81 BRASWELL ST		CHARLESTON	SC	UST
29405	1004780691	SCD987595006	KENAN TRANSPORT CO	81 BRASWELL ST		CHARLESTON	SC	RCRA-CESQG
29405	S109362434		ASHEPOO/KENAN TRANSPORT SITE	81 BRASWELL ST	114, SSW, 1 - 2	CHARLESTON	SC	BROWNFIELDS, SHWS, LUST
29405	S109694660		ASHEPOO/KENAN TRANSPORT SITE	81 BRASWELL ST		CHARLESTON	SC	ALLSITES
29405	1007238092	110017096239	KENAN TRANSPORT CO	8100 BRASWELL ST		CHARLESTON	SC	FINDS
29405	1001122138	110009310520	ASHEPOO PHOSPHATE/FERTILIZER WOR	BRASWELL STREET		CHARLESTON	SC	GWCI, BROWNFIELDS, VCP, ALLSITES, CERCLIS, SHWS, FINDS
29405	1011607372		ASHEPOO PHOSPHATE/FERTILIZER WOR	BRASWELL STREET BRASWELL STREET	**	CHARLESTON	SC	ICIS
29405	1000152958	110002197373	ORGANON TEKNIKA CORPORATION	2020 BRIDGE VIEW DR		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	A100267810	1686	CHARLESTON CO. SCHOOL DISTRICT	3999 BRIDGE VIEW DR		CHARLESTON	SC	AST
29405	1012231544	110039518359	CHARLESTON CSD/ST JAMES WTP	3999 BRIDGE VIEW DR		CHARLESTON	SC	FINDS
29405	U004017617	1443	CHARLESTON COUNTY SCHOOL DISTRIC	3999 BRIDGE VIEW DR		CHARLESTON	SC	UST
29405	1007134501	110015823787	CHARLESTON COUNTY SCHOOL DISTRIC	3999 BRIDGE VIEW DR		CHARLESTON	SC	FINDS, LUST
29405	1007114556	SCD008231755	CHARLESTON COUNTY SCHOOL DISTRIC	3999 BRIDGE VIEW DR		CHARLESTON	SC	RCRA-CESQG
29405	1004779731	110002255602	CHARLESTON CTY PUBLIC SERV BLDG	4045 BRIDGE VIEW DR		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	A100267685	1498	CHARLESTON COUNTY PUBLIC WORKS	4045 BRIDGE VIEW DRIVE		CHARLESTON	SC	AST
29405	U003520923	9965	RIVERS EDGE MARINA LLC	4354 BRIDGE VIEW DR		NORTH CHARLESTON	SC	UST
29405	1007242935	110017146916	DUNCANS BOAT HARBOUR	4354 BRIDGE VIEW DR		NORTH CHARLESTON	SC	FINDS
29405	98459570		4354 BRIDGE VIEW DR.	4354 BRIDGE VIEW DR.		NORTH CHARLESTON	SC	ERNS
29405	1004780905	110002179990	LIFE INDUSTRIES CORP	2081 BRIDGEVIEW DR		N CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1007227665	110016988232	CHARLESTON COUNTY METRO COMPLEX	3891 BRIDGEVIEW DR		NORTH CHARLESTON	SC	FINDS
29405	S110142953		LIFE INDUSTRIES	4060 BRIDGEVIEW DR		N CHARLESTON	SC	AIRS
29405	1007231613	110017028955	BRIDGEVIEW TECH CENTER	4355 BRIDGEVIEW DR		CHARLESTON	SC	FINDS
29405	U004017551	14051	BRIDGEVIEW TECH CENTER	4355 BRIDGEVIEW DR		CHARLESTON	SC	UST
29405	1007225441	110016965328	CHARLESTON COUNTY HISTORIC COURT	82 BROAD ST		CHARLESTON	SC	FINDS
29405	1007459013	110017781756	YORK ASPHALT SERVICES INCORPORAT	7206 BRYHAWKE CIRCLE		NORTH CHARLESTON	SC	FINDS
29405	1004780944	110007838331	BRASWELL SERVICES GROUP NAVAL ST/	BUILDING 224 HOBSON AVE	**	N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007241735	110017134279	INTERMODAL MANAGEMENT LTD	2650 CARNER AVE		CHARLESTON	SC	FINDS
29405	U003522491	15926	INTERMODAL MANAGEMENT LTD	2650 CARNER AVE	26, NNW, 1/4 - 1/2	CHARLESTON	SC	LUST, UST
29405	U004155524		INFINGER TRANSPORTATION CO INC	2803 CARNER AVE	**	CHARLESTON	SC	UST
29405	1000257201	110002254970	2811 CARNER AVENUE SITE	2811 CARNER AVE	S, NNW, 1/2 - 1	CHARLESTON HEIG	SC	GWCI, BROWNFIELDS, RCRA-NonGen, SHWS, FINDS
29405	1011293410	110036473401	MILITARY MAGNET ACADEMY	2950 CARNER AVENUE		N. CHARLESTON	SC	FINDS
29405	1007224963	110016960314	RCS CORPORATION	2154 N CENTER ST STE B201		CHARLESTON	SC	FINDS
29405	1000486376	110009321572	TEXACO FACILITY	CHARLESTON COUNTY		NORTH CHARLESTON	SC	CERCLIS, FINDS
29405	1000346504	110009311039	KOPPERS CO., INC. (CHARLESTON PLAN	CHARLESTON HEIGHTS	AF, South, 1 - 2	CHARLESTON	SC	GWCI, CERCLIS, US ENG CONTROLS, US INST CONTROL, FINDS, NPL, ROD
29405	1011573154		KOPPERS CO/TREATING PLT	CHARLESTON HEIGHTS CHARLESTON H	**	CHARLESTON	SC	ICIS
29405	1001203609	110006869674	US COAST GUARD VESSELL SUPPORT FA	CHARLESTON NAV COMPL PIER PAPA	**	N CHARLESTON	SC	RCRAInfo-SQG, FINDS
29405	1007232580	110017038855	CHARLESTON NAVAL BASE NS851	CHARLESTON NAVAL BASE	**	NORTH CHARLESTON	SC	FINDS, LUST
29405	1005928368		EXXON	CHARLESTON TERMINAL	**	CHARLESTON	SC	TSCA
29405	1005790247	110002237632	ST JOHNS HS & ANGEL OAK ELEM	CHAS CO SCH 2100 LEEDS AVE		N CHARLESTON	SC	FINDS
29405	1007232344	110017036474	NORTH CHARLESTON CITY OF	4851 CHATEAU AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U004017646	14591	NORTH CHARLESTON CITY OF	4851 CHATEAU AVE		NORTH CHARLESTON	SC	UST
29405	U004017112	1122	ALSCO INC	4921 CHATEAU AVE		NORTH CHARLESTON	SC	UST
29405	A100200439	1792	NATIONAL LINEN SERVICE	4921 CHATEAU AVE.		N. CHARLESTON	SC	AST
29405	1004593595	110007183065	GOFF, CARRIE	1208 CHEROKEE BLVD	**	ELGIN	SC	FINDS
29405	1012094294	110038799048	TRANSUS INC	2003 CHERRY HILL LN		CHARLESTON	SC	FINDS
29405	1007229361	110017005685	YELLOW CAB CO OF CHAS INC	2003 CHERRY HILL RD	W, SSE, 1/2 - 1	CHARLESTON	SC	FINDS, LUST
29405	U004017656	1467	YELLOW CAB CO OF CHAS INC	2003 CHERRY HILL RD	W, SSE, 1/2 - 1	CHARLESTON	SC	GWCI, UST
29405	1007229424	110017006336	CHARLESTON CONSTRUCTORS INC	2007 CHERRY HILL LN		CHARLESTON	SC	FINDS
29405	U004017600	1433	CHARLESTON CONSTRUCTORS INC	2007 CHERRY HILL LN		CHARLESTON	SC	UST
29405	1004780066	110002255489	DELTA MACHINE SHOP LTD	2008 CHERRY HILL LANE		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1001962018	110002235992	YELLOW CAB	2019 CHERRY HILL LANE		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	U001743860	16441	YELLOW CAB COMPANY	2019 CHERRY HILL LN		CHARLESTON	SC	UST
29405	1003014108	SCD982119471	PRESTRESS CONCRETE 3	CHERRY HILL LANE	AD, SE, 1/2 - 1	CHARLESTON	SC	CERCLIS-NFRAP
29405	1004594631	110007214969	PRESTRESS CONCRETE#3	CHERRY HILL LANE	**	CHARLESTON	SC	FINDS
29405	1011863735	SCR000770289	MCO TRANSPORT	4185 CHITWOOD DR		N CHARLESTON	SC	RCRA-NonGen
29405	1011924099	110037443558	MCO TRANSPORT	4185 CHITWOOD DR		N CHARLESTON	SC	FINDS
29405	U003526437	17489	W T MAYFIELD SONS TRUCKING	4185 CHITWOOD DR STARKE IND PK	**	CHARLESTON HGTS	SC	LUST, UST
29405	1010042083	110028095656	J W PAINTING & REPAIRS LLC	2112 COMMANDER		CHARLESTON	SC	FINDS
29405	1011427657	110035844432	JW PAINTING & REPAIR, LLC	2112 COMMANDER ROAD		N. CHARLESTON	SC	FINDS
29405	1005594213	110001675250	HILL ROM	4349 CORPORATE RD		CHARLESTON	SC	FINDS
29405	1000348821	110002253775	SUPPORT SYSTEMS INTERNATIONAL INC	4349 CORPORATE RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007257766	110017307458	CLASSIC PROPERTIES OF CHARLESTON	4360 CORPORATE RD STE 100		CHARLESTON	SC	FINDS
29405	1007213003	110017386050	LIFE CYCLE ENGINEERING INCORPORAT	4360 CORPORATE ROAD SUITE 100		CHARLESTON	SC	FINDS
29405	1007241434	110017131110	ASTEN JOHNSON INC	4399 CORPORATE RD		CHARLESTON	SC	FINDS
29405	1006331047		ASTENJOHNSON, INC.	4399 CORPORATE ROAD		CHARLESTON	SC	MLTS
29405	1012066685		ASTENJOHNSON	4399 CORPORATE ROAD		CHARLESTON	SC	MLTS

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29405	1006975751		ASTENJOHNSON, INC.	4399 CORPORATE ROAD		CHARLESTON	SC	MLTS
29405	1011487636		ASTENJOHNSON, INC	4399 CORPORATE ROAD		CHARLESTON	SC	MLTS
29405	1007237728	110017092536	QUICK STOP FOOD STORES INC	1922 COSGROVE AVE		NORTH CHARLESTON	SC	FINDS
29405	U004017738	1515	QUICK STOP FOOD STORES INC	1922 COSGROVE AVE		NORTH CHARLESTON	SC	UST
29405	U000478475	1342	STUARTS EXXON 42168	2301 COSGROVE AVE		CHARLESTON HGTS	SC	GWCI, LUST, UST
29405	1000461898	SCD987578010	EXXON LOCATION 4-2168	2301 COSGROVE AVENUE		CHARLESTON HEIGHTS	SC	RCRA-NonGen
29405	1007227504	110016986582	BELK COBB CHANDLER & GOLDSTEIN	2344 COSGROVE AVE		CHARLESTON	SC	FINDS
29405	U003519285	15087	BELK COBB CHANDLER & GOLDSTEIN	2344 COSGROVE AVE		CHARLESTON	SC	LUST, UST
29405	1007834799	110019987898	CHARLESTON NATIONAL COUNTRY CLUE	1 COUNTRY CLUB DR		CHARLESTON	SC	FINDS
29405	U003620540	10474	FUEL EXPRESS 1	7265 CROSS COUNTY RD		NORTH CHARLESTON	SC	GWCI, UST
29405	1007234500	110017058798	FUEL EXPRESS 1	7265 CROSS COUNTY RD		NORTH CHARLESTON	SC	FINDS, LUST
29405	1004594823	110001665699	PALMETTO CREMATION SOCIETY	11 CUNNINGTON AVE		CHARLESTON	SC	FINDS
29405	S108951468		PALMETTO CREMATION SOCIETY INC	11 CUNNINGTON AVE		CHARLESTON	SC	AIRS
29405	1004780114	110002253588	UNITED PARCEL SERVICE CHARLESTON	4230 DALEY AVE		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1001216144	SC9180000102	USPS CHARLESTON	4290 DALEY AVE		CHARLESTON	SC	RCRA-NonGen, LUST, UST
29405	1006088733	110002313906	US POSTAL SERVICE VEHICLE MAINT	4290 DALEY AVENUE		CHARLESTON	SC	FINDS
29405	U003524313	12089	PIGGLY WIGGLY SITE 3	4401 DALEY AVE		CHARLESTON	SC	LUST, UST
29405	1007241687	110017133788	PIGGLY WIGGLY SITE 3	4401 DALEY AVE		CHARLESTON	SC	FINDS
29405	1006084428	110002233244	EXCEL APPARATUS SERVICES	2490 DEBONAIR ST		CHARLESTON	SC	FINDS
29405	S110375931		BESCO FACILITY (FORMER)	2490 DEBONAIR ST	C, NNW, 1/8 - 1/4	CHARLESTON	SC	BROWNFIELDS, SHWS
29405	U004018317	1864	GENERAL ELECTRIC CO	2490 DEBONAIR ST	C, NNW, 1/8 - 1/4	CHARLESTON HGTS	SC	UST
29405	U004017955	1636	EXCEL APPARATUS SERVICES	2490 DEBONAIR ST	C, NNW, 1/8 - 1/4	CHARLESTON	SC	UST
29405	1007277376		EXCELL APPARATUS SERVICES	2490 DEBONAIR ST.		CHARLESTON	SC	FTTS
29405	1000212759	SCD030092373	GENERAL ELECTRIC CO	2490 DEBONAIR STREET	C, NNW, 1/8 - 1/4	CHARLESTON	SC	PADS, RCRA-NonGen
29405	2008885619		DENTON SHIPYARD	DENTON SHIPYARD	**	NORTH CHARLESTON	SC	ERNS
29405	2009897833		DETYENS SHIP YARDS	DETYENS SHIP YARDS	**	NORTH CHARLESTON	SC	ERNS
29405	2008897833		DETYENS SHIP YARDS	DETYENS SHIP YARDS	**	NORTH CHARLESTON	SC	ERNS
29405	99648058		DETYENS SHIPYARDS 1670 DRYDOCK AV	DETYENS SHIPYARDS 1670 DRYDOCK AV		NORTH CHARLESTON	SC	ERNS
29405	1005852068	110008550549	US DEPT OF STATE FINANCIAL SERVICE	1969 DEYESS AVE		CHARLESTON	SC	FINDS
29405	S109694636		CORE SOUND REALTY INC SITE	DISCHER ST /1797 KING ST EXT	**	CHARLESTON	SC	ALLSITES
29405	S110143027		CORE SOUND REALTY, INC. SITE	DISCHER ST /1797 KING ST EXT	**	CHARLESTON	SC	BROWNFIELDS
29405	S106614197		CORE SOUND REALTY INC SITE	DISCHER ST /1797 KING ST EXT	**	CHARLESTON	SC	VCP, SHWS
29405	U004018373	1903	DOMINO SUGAR CORP	4229 DOMINO AVE		CHARLESTON HGTS	SC	UST
29405	1000364067	110000854219	CHARLESTON PACKAGING COMPANY	4229 DOMINO AVENUE		NORTH CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1007242611	110017143474	DOMINO SUGAR CORPORATION	4229 DOMINO AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1007237064	110017085385	FORT ROOFING & SHEET METAL WORKS	4230 DOMINO AVE		CHARLESTON	SC	FINDS
29405	S109515555		ATLANTIC MILLWORK, LLC	4261 DOMINO AV		N. CHARLESTON	SC	AIRS
29405	1010691800	110031183396	ATLANTIC MILLWORK, LLC	4261 DOMINO AV		N. CHARLESTON	SC	FINDS
29405	1004594377	110009450450	WW SMITH STAMP CO	2133 DORCHESTER RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1004779828	110002230434	HESS STATION 40221	3543 DORCHESTER RD		CHARLESTON	SC	RCRA-CESQG, FINDS, LUST
29405	U004017759	1526	HESS STATION 40221	3543 DORCHESTER RD		CHARLESTON	SC	GWCI, UST
29405	U004061050	19238	EL CHEAPO 10	3615 DORCHESTER RD		N CHARLESTON	SC	UST
29405	U003520515	12118	CORNER STORE	3670 DORCHESTER RD		NORTH CHARLESTON	SC	UST
29405	1007245008	110017168474	CORNER STORE	3670 DORCHESTER RD		NORTH CHARLESTON	SC	FINDS, LUST
29405	U004016995	10542	PANTRY 875	3689 DORCHESTER RD		NORTH CHARLESTON	SC	LUST, UST
29405	1007256788	110017297245	PANTRY 875	3689 DORCHESTER RD		N CHARLESTON	SC	FINDS
29405	1007229828	110017010474	F GREGORIE & SON INC	3689 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1007248062	110017199921	RACETRAC PETROLEUM	3690 DORCHESTER RD		NORTH CHARLESTON	SC	FINDS
29405	U004127746		RACETRAC PETROLEUM	3690 DORCHESTER RD		NORTH CHARLESTON	SC	UST
29405	U003621145	14882	GERALDS TIRE	3900 DORCHESTER RD		CHARLESTON	SC	GWCI, LUST, UST
29405	1007248173	110017201044	GERALDS TIRE	3900 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1007234231	110017056031	CREVAR CHIROPRACTIC	3940 DORCHESTER RD		N CHARLESTON	SC	FINDS
29405	S106665956	14002	DORCHESTER RD 66	3949 DORCHESTER RD / BOND	**	CHARLESTON	SC	LUST
29405	1007226611	110016977495	DORCHESTER RD 66	3949 DORCHESTER RD & BOND	**	CHARLESTON	SC	FINDS
29405	U004017541	14002	DORCHESTER RD 66	3949 DORCHESTER RD & BOND	**	CHARLESTON	SC	UST
29405	1005851726	110008554420	WILLIAMS TIRE - CHARLESTON	3995 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	U004000267	1500	GENE REED CHEVROLET INC	4001 DORCHESTER RD		CHARLESTON	SC	LUST
29405	U004017710	1500	GENE REED CHEVROLET INC	4001 DORCHESTER RD		CHARLESTON	SC	UST
29405	1001225617	110002239729	ABC SUPPLY CO INC	4001 DORCHESTER RD		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1000198285	110004939853	GENE REED CHEVROLET	4001 DORCHESTER ROAD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007240298	110017119269	CONCENTRA MEDICAL CENTERS CHARLE	4115 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	U004017992	1660	LARRY JAMES OLDS	4115 DORCHESTER RD		CHARLESTON	SC	UST
29405	U004018336	1878	JAMES OLDSMOBILE INC	4115 DORCHESTER RD		CHARLESTON	SC	UST
29405	U004017772	1532	FORMER JAMES OLDSMOBILE	4115 DORCHESTER RD		CHARLESTON	SC	UST
29405	1007239798	110017113880	JAMES OLDSMOBILE INCORPORATED	4115 DORCHESTER ROAD		CHARLESTON	SC	FINDS
29405	1007224142	110016951743	DARBY DEVELOPMENT CO INC	4142 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1005851059	110008561369	EVERGREEN RES SD/LADSON UTIL	4142 DORCHESTER RD		NORTH CHARLESTON	SC	FINDS
29405	1007244481	110017162951	ADDCO MINING COMPANY	4142 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1007240816	110017124681	TRI COUNTY INVESTMENTS LLC	4142 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1007836202	110020001923	ADDCO A PARTNERSHIP	4142 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1005792328	110009992259	D&A PARTNERSHIP/SHELL POINT PIT	4142 DORCHESTER RD		CHARLESTON	SC	FINDS

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29405	1000215522	110002253766	SUPERIOR AUTO REFINISHING	4155 DORCHESTER RD		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1000449099	SCD987572328	JACK BENTONS BODY SHOP	4155 DORCHESTER RD.		CHRLESTON HEIGHTS	SC	RCRA-NonGen
29405	U004017716	1504	FOOD MART 12	4189 DORCHESTER RD		CHARLESTON	SC	UST
29405	1007237688	110017092135	FOOD MART 12	4189 DORCHESTER RD		CHARLESTON	SC	FINDS, LUST
29405	U003620769	12207	A&M FOOD MART	4189 DORCHESTER RD		NORTH CHARLESTON	SC	UST
29405	1007247797	110017197148	A&M FOOD MART	4189 DORCHESTER RD		N CHARLESTON	SC	FINDS
29405	1004595016	110002100468	NATIONAL WELDERS SUPPLY CO INCORF	4200 DORCHESTER RD.		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1000386514	110004940137	CLASSIC AUTO REFINISHING	4301 DORCHESTER ROAD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007247529	110017194374	C K SUPPLY	4311 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	U003519738	10237	C K SUPPLY	4311 DORCHESTER RD		CHARLESTON	SC	GWCI, LUST, UST
29405	1007836067	110020000577	L WOOD ASSOCIATES INC	4355 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1007232309	110017036125	SUNOCO 0616-1244/COOP	4390 DORCHESTER RD		NORTH CHARLESTON	SC	FINDS
29405	U003930180	1367	SUNOCO 0616-1244/COOP 2676	4390 DORCHESTER RD		NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	U003619794	1349	CARTER'S TEXACO	4400 DORCHESTER RD		CHARLESTON HGTS	SC	GWCI, LUST, SPILLS, UST
29405	1000198996	110002254426	OLDE TOWN CLEANERS	4400 DORCHESTER RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007234916	110017063078	CARTERS TEXACO	4400 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	U003665543	10626	CARTERS TEXACO	4400 DORCHESTER RD		CHARLESTON	SC	UST
29405	S108953930		OLD TOWNE CLEANERS	4400 DORCHESTER RD STE 101		N CHARLESTON	SC	SHWS
29405	1012116457	110038787186	LEBOEUF ARCHITURAL WOODWORKS - E	4455 DORCHESTER RD		NORTH CHARLESTON	SC	FINDS
29405	1010452075	110031399582	HD SUPPLY ELECTRICAL HG005H	4510 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	1010331995	SCR000768622	HD SUPPLY ELECTRICAL HG005H	4510 DORCHESTER RD		CHARLESTON	SC	RCRA-CESQG
29405	1007239718	110017113078	CORNER MART 32	4595 DORCHESTER RD		CHARLESTON	SC	FINDS, LUST
29405	U004018032	1682	CORNER MART 32	4595 DORCHESTER RD		CHARLESTON	SC	GWCI, UST
29405	U003525108	9526	HAROLD ARNOLDS SENTRY BUICK PONT	4707 DORCHESTER RD		CHARLESTON	SC	UST
29405	1000420474	110002254024	SENTRY BUICK INCORPORATED	4707 DORCHESTER ROAD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	U004017578	1420	U HAUL CENTER DORCHESTER	4788 DORCHESTER RD		CHARLESTON	SC	UST
29405	1007237799	110017093250	U HAUL CENTER DORCHESTER	4788 DORCHESTER RD		CHARLESTON	SC	FINDS, LUST
29405	1007835513	110019995031	HALL FAMILY PROPERTIES	4940 DORCHESTER RD		CHARLESTON	SC	FINDS
29405	U003620500	10350	PANTRY 498 DBA KANGAROO EXPRESS	5098 DORCHESTER RD		NORTH CHARLESTO	SC	GWCI, LUST, UST
29405	1007247684	110017195989	PANTRY 498	5098 DORCHESTER RD		NORTH CHARLESTON	SC	RCR, FINDS
29405	1007244300	110017160999	BELLSOUTH TELECOMMUNICATIONS INC	6969 DORCHESTER RD		NORTH CHARLESTON	SC	FINDS
29405	1000117460	110004940039	ONE HOUR MARTINIZING	7550 DORCHESTER RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	U004017060	1091	GULF SERVICE STATION	DORCHESTER & ASHELY PHOSPHATE	**	N CHARLESTON	SC	UST
29405	1007832317	110019963057	G & S SUPPLY CO INC	DORCHESTER RD	**	NORTH CHARLESTON	SC	FINDS
29405	1000201690	110004940299	SPEEDY TRANSMISSION PARTS	4301 DORCHESTOR ROAD		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1004780784	110006434929	NORTH AREA RADIATOR SERVICE	4501 DORSEY AVE		CHARLESTON HEIGHTS	SC	RCRA-CESQG, FINDS
29405	1007246693	110017185856	COASTAL CARDIOLOGY	125 DOUGHTY ST STE 370		CHARLESTON	SC	FINDS
29405	2005607848		1670 DRY DOCK AVE	1670 DRY DOCK AVE		CHARLESTON	SC	ERNS
29405	97415591		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2008869915		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	1006345096		CHARLESTON NAVAL COMPLEX	1670 DRY DOCK AVE	119, North, 1 - 2	NORTH CHARLESTO	SC	BROWNFIELDS, SHWS, SPILLS
29405	2008893856		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2009893856		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	S106880496		CHARLESTON NAVAL COMPLEX	1670 DRY DOCK AVE		NORTH CHARLESTO	SC	VCP, ALLSITES, RCR
29405	2008861189		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2008901632		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2009901632		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2008882835		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2008861763		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2008888124		1670 DRY DOCK AVE	1670 DRY DOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2000544010		1670 DRY DOCK AVE.	1670 DRY DOCK AVE.		NORTH CHARLESTON	SC	ERNS
29405	99654438		1670 DRY DOCK AVENUE	1670 DRY DOCK AVENUE		NORTH CHARLESTON	SC	ERNS
29405	2003633153		1670 DRY DOCK AVENUE	1670 DRY DOCK AVENUE		NORTH CHARLESTON	SC	ERNS
29405	2000523826		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2003651931		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2008899617		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2004725773		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2005600917		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2000523394		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	1007116197	SCR000002253	DETYENS SHIPYARDS	1670 DRYDOCK AVE		N CHARLESTON	SC	RCRAInfo-LQG
29405	2006808706		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	2009899617		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	S106044783	SC0000050803	DETYENS SHIPYARD/MAIN YARD	1670 DRYDOCK AVE		NORTH CHARLESTO	SC	NPDES, SPILLS
29405	2008877985		1670 DRYDOCK AVE	1670 DRYDOCK AVE		NORTH CHARLESTON	SC	ERNS
29405	S109515550		DETYENS SHIPYARD INC. CHARLESTON	1670 DRYDOCK AVE BLDG 236		NORTH CHARLESTO	SC	AIRS
29405	99624920		1670 DRYDOCK AVE PIER D	1670 DRYDOCK AVE PIER D		NORTH CHARLESTON	SC	ERNS
29405	96514414		1670 DRYDOCK AVE PIER G	1670 DRYDOCK AVE PIER G		NORTH CHARLESTON	SC	ERNS
29405	A100163369	1159	APPLIED CLEANING TECHNOLOGIES, LLC	1670 DRYDOCK AVE.		NORTH CHARLESTON	SC	AST
29405	2006815322		1670 DRYDOCK AVE.	1670 DRYDOCK AVE.		NORTH CHARLESTON	SC	ERNS
29405	1006813723	29405DTYNS16	DETYENS SHIPYARDS INC.	1670 DRYDOCK AVE. BLDG. 236 STE. 200		NORTH CHARLESTON	SC	TRIS

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29405	1001081439	110001139857	DETYENS SHIPYARDS	1670 DRYDOCK AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1011611507		DETYENS SHIPYARDS INC -CHARLESTON	1670 DRYDOCK AVENUE NORTH CHARL		NORTH CHARLESTON	SC	ICIS
29405	2000539898		DUNCANS BOAT HARBOR	DUNCANS BOAT HARBOR			SC	ERNS
29405	1009634735			2226 DUNLAP STREET TRAILER 19	**	CHARLESTON HEIGHTS	SC	DOT OPS
29405	1007214100	110016712468	ACETO CORP	2155 DURANT AVE		N CHARLESTON	SC	FINDS
29405	1007116388	SCR000765016	ACETO CORP	2155 DURANT AVE		N CHARLESTON	SC	RCRA-NonGen
29405	1011970568		SOUTH CAROLINA ELECTRIC & GAS COM	4498 DURANT AVE		CHARLESTON	SC	PCB TRANSFORMER
29405	1011963647		SOUTH CAROLINA ELECTRIC & GAS COM	4498 DURANT AVE		CHARLESTON	SC	PCB TRANSFORMER
29405	U004017860	1580	CIRCLE K 8091	4498 DURANT AVE		CHARLESTON	SC	GWCI, UST
29405	1008248901	110021471218	NORTH CHARLESTON ELEM	4921 DURANT AVENUE		NO CHARLESTON	SC	FINDS
29405	1007246665	110017185561	HIOTTS PANTRY	5041 DURANT AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U004017895	1599	HIOTTS PANTRY	5041 DURANT AVE		NORTH CHARLESTON	SC	UST
29405	1004593795	110001672084	US STATE DEPTARTMENT CHARLESTONI	1969 DYESS AVE		CHARLESTON	SC	FINDS
29405	1008234158	110021015426	US DEPT OF STATE CHARLESTON REGIO	1969 DYESS AVE		CHARLESTON	SC	FINDS
29405	1008196183	SCR000766717	US DEPT OF STATE CHARLESTON REGIO	1969 DYESS AVE		CHARLESTON	SC	RCRA-CESQG
29405	U004018175	1775	US DEPT OF STATE FINANCIAL SERVICE	1969 DYESS AVE	90, ENE, 1/2 - 1	CHARLESTON	SC	LUST, UST
29405	94407474		2409 EAGLE DRIVE NEAR RIVERS AVE	2409 EAGLE DRIVE NEAR RIVERS AVE	**	CHARLESTON	SC	ERNS
29405	1000405107	SCD073732083	NORTH CHARLESTON SD-ELGIN ST PLT	1000 ELGIN STREET		CHARLESTON	SC	RCRA-NonGen
29405	S109694574		COLUMBIA NITROGEN	W END OF MILFORD ST RT 26	**	CHARLESTON	SC	ALLSITES
29405	1000984193	110009262449	COLUMBIA NITROGEN	WEST END OF MILFORD ST	100, SSW, 1/2 - 1	CHARLESTON	SC	GWCI, CERCLIS, SHWS, FINDS
29405	1009401423		EXIT CENTRAL REAL ESTATE, LLC	1063 EST MONTAGUE AVENUE	**	NORTH CHARLESTON	SC	FTTS
29405	1007235195	110017066057	JOHNSON CONTROLS	3820 FABER PL DR		CHARLESTON	SC	FINDS
29405	1007259679	110017327490	MACTEC ENGINEERING AND CONSULTIN	3820 FABER PL STE 600	**	CHARLESTON	SC	FINDS
29405	1001969336	110002183814	LABORATORY CORP OF AMERICA	3825 FABER PLACE DR		NORTH CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007246916	110017188130	JORDAN JONES & GOULDING	3955 FABER PL DR STE 302		CHARLESTON	SC	FINDS
29405	1007836021	110020000112	TRICO ENGINEERING CONSULTANTS INC	4055 FABER PL STE 201	**	CHARLESTON	SC	FINDS
29405	1007258565	110017316019	CONCEPT TECHNOLOGIES	4055 FABER PLACE DR STE 201		CHARLESTON	SC	FINDS
29405	1012092938	110038802935	AAI DEVELOPMENT SERVICES	4221 FABER PL DR		CHARLESTON	SC	FINDS
29405	1001485898	110001675866	AAIPHARMA SERVICES CORP	4221 FABER PLACE DR		CHARLESTON	SC	RCRAInfo-SQG, FINDS
29405	1000306051	110002197694	FAIN SEWER SERVICE	6309 FAIN ST		CHARLESTON	SC	CERCLIS-NFRAP, RCRA-NonGen, SHWS, FINDS
29405	1000449098	110004940752	FEDERAL EXPRESS CORPORATION	6425 FAIN ROAD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1012092606	110038808751	STARRETT COMPANY-EVANS RULE DIVIS	6555 FAIN ST		CHARLESTON	SC	FINDS
29405	1007837741	110020017328	REMLEY S POINT LLC	21 FORMOSEA DR	**	CHARLESTON	SC	FINDS
29405	1007225616	110016967095	CAROLINA PERIODONTICS	1064 GARDNER RD STE 110		CHARLESTON	SC	FINDS
29405	U004017099	1116	PEARLSTINE DISTRIBUTORS INC	4550 GAYNOR ST		NORTH CHARLESTON	SC	UST
29405	1007229851	110017010704	SEABOARD SYSTEM RR	4565 GAYNOR AVE		CHARLESTON	SC	FINDS, LUST
29405	U004017975	1650	SEABOARD SYSTEM RR	4565 GAYNOR AVE		CHARLESTON	SC	UST
29405	1004780571	110002255103	GERMAN AUTO REPAIR	GERMAN AUTO REPAIR	**	NORTH CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1007114311	SCD003339710	LEGGETT & PLATT INC	4500 GOER RD	**	N CHARLESTON	SC	RCRA-NonGen
29405	1011292860	110036471127	GARRETT ACADEMY OF TECH	31 GORDON STREET		NO. CHARLESTON	SC	FINDS
29405	1007241855	110017135526	ST MATTHEW BAPTIST CHURCH DENTAL	2003 GRAYSON ST		NORTH CHARLESTON	SC	FINDS
29405	2008891744		1500 GREEN LEAF ST	1500 GREEN LEAF ST		CHARLESTON	SC	ERNS
29405	1004593594	110001672404	PALMETTO LIME	1385 GREENLEAF STREET		CHARLESTON	SC	FINDS
29405	1012072979	110000549808	NORTH CHARLESTON SEWER DISTRICT \	1400 GREENLEAF STREET	**	CHARLESTON	SC	FINDS
29405	1008231975	110020973053	EXXON DOCK (TERMINAL)	1445 GREENLEAF RD (STOP 2)		NORTH CHARLESTON	SC	FINDS
29405	S108282605		PETROLIANCE LLC	1445 GREENLEAF ST		CHARLESTON	SC	AIRS, NPDES
29405	U004018286	1840	EXXON CO USA	1445 GREENLEAF ST		CHARLESTON	SC	UST
29405	A100267472	992	EXXON CO. USA - CHARLESTON	1445 GREENLEAF STREET		CHARLESTON	SC	AST
29405	2009895400		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	2000517145		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	96482787		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	99614855		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	1000336915	110000353322	KINDER MORGAN SHIPYARD RIVER TERM	1500 GREENLEAF ST	120, SSE, 1 - 2	CHARLESTON	SC	AIRS, CERCLIS-NFRAP, NPDES, RCRAInfo-SQG, SHWS, FINDS, SPILLS
29405	2002610886		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	2002623774		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	98426157		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	1011972739	110038106466	KINDER MORGAN SHIPYARD RIVER TERM	1500 GREENLEAF ST		CHARLESTON	SC	FINDS
29405	2000528017		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	1000982245	110001138260	KINDER MORGAN BULK TERMINALS	1500 GREENLEAF ST	110, SSE, 1 - 2	CHARLESTON	SC	CORRACTS, RCRAInfo-SQG, FINDS, SPILLS, RCRAInfo-TSDF
29405	2008895400		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	2000544074		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	2002623775		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	2002616067		1500 GREENLEAF ST	1500 GREENLEAF ST		CHARLESTON	SC	ERNS
29405	U003518925	17327	KINDER MORGAN ENERGY PARTNERS LF	1500 GREENLEAF ST		CHARLESTON	SC	UST
29405	94407282		1500 GREENLEAF ST MARINE FACILITY	1500 GREENLEAF ST MARINE FACILITY		CHARLESTON	SC	ERNS
29405	1009509413		ALLIED TERMINALS, INC.	1500 GREENLEAF STREET		CHARLESTON	SC	FTTS

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29405	1007268162	974	ALLIED TERMINALS, INC.	1500 GREENLEAF STREET		CHARLESTON	SC	AST
29405	S103062383	861	GREEN OASIS	1500 GREENLEAF STREET		CHARLESTON	SC	AST
29405	1008172380	110020688102	COLONIAL OIL	1500 GREENLEAF STREET		CHARLESTON	SC	FINDS
29405	2007315546		1500 GREENLEAF STREET	1500 GREENLEAF STREET		CHARLESTON	SC	ERNS
29405	1011617806		ALLIED-TERM:GREENLF	1500 GREENLEAF STREET CHARLESTO		CHARLESTON	SC	ICIS
29405	1001128401	110004942894	GREEN OASIS ENVIRONMENTAL INC	1500A GREENLEAF ST		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1011993938	110038168121	HERITAGE SYNFUEL BINDERS	1500B GREENLEAF ST.	**	CHARLESTON	SC	FINDS
29405	1007088516		CHARLESTON FACILITY	1500B GREENLEAF STREET		CHARLESTON	SC	TSCA
29405	1010006012		KOCH MATERIALS	1505 GREENLEAF STREET		CHARLESTON	SC	FTTS
29405	1008183325		KOCH MATERIALS	1505 GREENLEAF STREET		CHARLESTON	SC	
29405	1000238281	110002100459	KOCH MATERIALS COMPANY	1505 GREENLEAF STREET		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	U004018301	1850	SOIL CONSULTANTS INC	1508 GREENLEAF ST		CHARLESTON	SC	UST
29405	2000551912		2200 HAGOOD RD	2200 HAGOOD RD		CHARLESTON HEIGHTS	SC	ERNS
29405	U001016027	13132	SCE&G HAGOOD STATION	2200 HAGOOD RD		CHARLESTON HEIGHTS	SC	UST
29405	A100267703	532	SCE&G - HAGOOD GAS TURBINE	2200 HAGOOD ROAD		CHALESTON	SC	AST
29405	1000842478	110001665083	SCE&G HAGOOD	2200 HAGOOD ROAD	AB, SSW, 1/2 - 1	CHARLESTON	SC	GWCI, ALLSITES, AIRS, RCRA-CESQG, SHWS, FINDS
29405	1001216998	110009310771	ATLANTIC PHOSPHATE WORKS	HAGOOD AVENUE @ ASHLEY RIVER	AB, SSW, 1/2 - 1	CHARLESTON	SC	CERCLIS, FINDS
29405	1011612900		ATLANTIC PHOSPHATE WORKS	HAGOOD AVENUE @ ASHLEY RIVER HAC	**	CHARLESTON	SC	ICIS
29405	1000695858	110001993362	SANDERS BROTHERS CONST CO INC	1981 HARLEY ST		NORTH CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1004780724	110002255256	FURLONG PRINTING CO	1786 HARMON ST		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1000236471	110002100486	WR GRACE AND CO	1820 HARMON ST	99, SSE, 1/2 - 1	CHARLESTON	SC	GWCI, CERCLIS, RCRA-CESQG, SHWS, FINDS
29405	U004017751	1522	WR GRACE & CO	1820 HARMON ST		CHARLESTON	SC	UST
29405	1005652909	110009801599	FLEET TRANSPORT CO., INC.	1823 HARMON ST		CHARLESTON	SC	FINDS
29405	U003878619	1501	BROWN TRANSPORT CORP	1843 HARMON ST		CHARLESTON	SC	UST
29405	1007229774	110017009912	BROWN TRANSPORT CORP	1843 HARMON ST		NORTH CHARLESTON	SC	FINDS
29405	1001225599	110004942992	CMMC MACHINE INC	2081 HAYTER ST		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1005833073	110012165432	AMERICAN TANK & FABRICATING COMPA	2090 HAYTER STREET		N CHARLESTON	SC	FINDS
29405	A100268220	1547	CHARLESTON COUNTY FLEET OPERATIC	4371 HEADQUARTERS ROAD		NORTH CHARLESTON	SC	AST
29405	S108282437		NORTH CHARLESTON SEWER DISTRICT	1000 HERBERT ST	**	CHARLESTON	SC	AIRS, RCR
29405	1005899105	110000575422	NORTH CHARLESTON SEWER DISTRICT \	1000 HERBERT STREET	**	CHARLESTON	SC	FINDS
29405	1011620490		NORTH CHARLESTON SEWER DISTRICT	1000 HERBERT STREET CHARLESTON	**	CHARLESTON	SC	ICIS
29405	1001225628	110002239649	SALMON DREDGING	1884 HERBERT ST		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1012087675	110038444635	CONCRETE ON DEMAND	2004 HERBERT ST		NORTH CHARLESTON	SC	FINDS
29405	S109515730		CONCRETE ON DEMAND	2004 HERBERT ST		NORTH CHARLESTO	SC	AIRS
29405	1004780943	110001672388	BRASWELL SERVICES GROUP SHIPYARD	800 HERBERT ST	**	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	S109362464		FORMER VCC - BERKELEY PHOSPHATE (	3975 HILLCREST DR		CHARLESTON	SC	SHWS
29405	1012218834	110040509697	THE URBAN ELECTRIC COMPANY	2130 N HOBSON ST		NORTH CHARLESTON	SC	FINDS
29405	1012092878	110038798156	DELTA MARINE TECHNOLOGIES-CLOSED	2221 S HOBSON AVE		CHARLESTON	SC	FINDS
29405	1004593589	110002179552	DELTA MARINE TECHNOLOGIES	2221 S HOBSON AVE		N CHARLESTON	SC	FINDS
29405	1004593591	110001672342	US DEPARTMENT OF COMMERCE NOAA	2234 SOUTH HOBSON AVENUE		CHARLESTON	SC	FINDS
29405	1007246391	110017182662	BENTZ INC ROBERT	2235 S HOBSON AVE		N CHARLESTON	SC	FINDS
29405	1005652516	110009794810	INTERNATIONAL SALT COMPANY	2265 S HOBSON AVE		CHARLESTON	SC	FINDS
29405	1005790465	110002231479	SC STATE PORTS AUTHORITY	2395 S HOBSON AVE		NORTH CHARLESTON	SC	FINDS
29405	S108282137		SC STATE PORTS AUTHORITY HOBSON A	2395 S HOBSON AVE		NORTH CHARLESTO	SC	AIRS
29405	1007259765	110017328373	CNBC BLDG 221	S HOBSON AVE	**	CHARLESTON	SC	FINDS
29405	1010377598	110031002153	PUGH LUBRICANTS CHARLESTON	1789 HOCK AVE		CHARLESTON	SC	FINDS
29405	1010559965	29405PGHLB17	PUGH LUBRICANTS CHARLESTON	1789 HOCK AVE		CHARLESTON	SC	TRIS
29405	U004017101	1117	PEARLSTINE DISTRIBUTORS INC	1821 HOCK AVE		NORTH CHARLESTON	SC	LUST, UST
29405	1000364642	110002254355	PEARLSTINE DISTRIBUTORS INCORPORA	1821 HOCK AVENUE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007245255	110017171031	DRAWDY PLUMBING CO INC	4707 HOLBIRD AVE		CHARLESTON	SC	FINDS
29405	1007995191	110020796101	U S NAVAL BASE (NAVAL BASE II)	1613 HOLLAND ST.		NORTH CHARLESTON	SC	FINDS
29405	1007229825	110017010438	H G HARDERS & SON INC	US HWY 17	**	CHARLESTON	SC	FINDS
29405	U004018105	1727	H TEZZA INC	2631 INDUSTRIAL AVE		CHARLESTON	SC	GWCI, UST
29405	1007238161	110017096925	H TEZZA INC	2631 INDUSTRIAL AVE		CHARLESTON	SC	RCR, FINDS, LUST
29405	U003518966	18027	AMERICAN STEEL	2686 INDUSTRIAL AVE		NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	1000835388	110002253506	AMERICAN STEEL FABRICATORS	2686 INDUSTRIAL AVENUE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1000354991	110001665323	MOORE DRUMS INC	2819 INDUSTRIAL AVE		N CHARLESTON	SC	FINDS, RAATS
29405	U004017681	1485	INDUSTRIAL CONTAINER SERVICES SC II	2819 INDUSTRIAL AVE		CHARLESTON	SC	UST
29405	S109694578		MOORE DRUMS	2819 INDUSTRIAL AVE		CHARLESTON	SC	ALLSITES
29405	1007114302	SCD003339702	ICS SC II LLC	2819 INDUSTRIAL AVE		N CHARLESTON	SC	GWCI, CORRACTS, BROWNFIELDS, AIRS, CERCLIS-NFRAP, UIC, RCRA-CESQG, SHWS, RCRAInfo-TSDF
29405	2000541967		2819 INDUSTRIAL AVE.	2819 INDUSTRIAL AVE.		NORTH CHARLESTON	SC	ERNS
29405	2002617445		2819 INDUSTRIAL AVE.	2819 INDUSTRIAL AVE.		NORTH CHARLESTON	SC	ERNS
29405	1011568983		ICS SC II LLC	2819 INDUSTRIAL AVENUE CHARLESTO		CHARLESTON	SC	ICIS
29405	A100267811	1906	MOORE DRUMS INC.	2819 INDUSTRIAL PARK	**	CHARLESTON	SC	AST
29405	1012092466	110038767732	SONOCO CHARLESTON-CLOSED	INDUSTRIAL AVE	**	CHARLESTON	SC	FINDS
29405	96491479		ISLE OF PALMS 103 PALM BLVD FIRST DC	ISLE OF PALMS 103 PALM BLVD FIRST DC	**	ISLE OF PALMS	SC	ERNS

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29405	1004780017	110002313933	SHERWIN WILLIAMS CO	2014 JACKSONVILLE ST	O, NNW, 1/2 - 1	CHARLESTON HEIGHTS	SC	RCRA-NonGen, FINDS
29405	1003868406	SCD000869842	ARCHDALE SUBDIVISION	JCT BROOKLAND BLVD & ARCHDALE	**	CHARLESTON	SC	CERCLIS-NFRAP
29405	1007995311	110020796913	JENKINS AVE. FIRE STATION	4830 JENKINS AVE.		NORTH CHARLESTON	SC	FINDS
29405	1007244320	110017161202	J&A ASSOCIATES	4838 JENKINS AVE		CHARLESTON	SC	FINDS
29405	1007835137	110019991277	COOPER RIVER MARINA	1010 JUNEAU AVE		N CHARLESTON	SC	FINDS
29405	2008870506		KINDER MORGAN DOCK 2	KINDER MORGAN DOCK 2	**	CHARLESTON	SC	ERNS
29405	1001216999	110009310762	PACIFIC GUANO	1505 KING STREET EXTENSION	121, South, 1 - 2	CHARLESTON	SC	GWCI, BROWNFIELDS, VCP, ALLSITES, CERCLIS, SHWS, FINDS
29405	1004780651	110002255229	FORD BROTHERS SALES CO INC	1527 KING ST EXT		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	U004018044	1691	FORDS REDI MIX CONCRETE CO INC	1527 KING ST EXT		CHARLESTON	SC	UST
29405	U003620754	12054	CHARLESTON OIL CO INC	1553 KING ST EXT		CHARLESTON	SC	GWCI, LUST, UST
29405	1007836803	110020007927	CHARLESTON OIL CO INC	1553 KING ST EXT		CHARLESTON	SC	RCR, FINDS
29405	1007239797	110017113871	SOUTHERN OIL CO	1553 KING ST EXT		CHARLESTON	SC	FINDS
29405	U004018004	1667	SOUTHERN OIL CO	1553 KING ST EXT		CHARLESTON	SC	UST
29405	1007245251	110017170997	MATLACK INC	1647 KING ST		CHARLESTON	SC	FINDS, LUST
29405	U004018315	1863	MATLACK INC	1647 KING ST		CHARLESTON	SC	GWCI, UST
29405	1007246624	110017185133	CHARLESTON SUPPLY CO INC	1791 KING ST EXT		CHARLESTON	SC	FINDS
29405	S106666066		CHARLESTON SUPPLY CO. SITE	1791 KING ST EXT	76, South, 1/2 - 1	CHARLESTON	SC	BROWNFIELDS, SHWS
29405	U004017941	1625	CHARLESTON SUPPLY CO INC	1791 KING ST EXT		CHARLESTON	SC	UST
29405	1007242464	110017141831	HERMANN WAREHOUSE SE	1797 KING ST EXT		CHARLESTON	SC	FINDS
29405	1012116554	110038787168	PREMIER LOGISTICS SOLUTIONS	1797 KING ST EXT	**	CHARLESTON	SC	FINDS
29405	S107924674	18621	HERMANN WAREHOUSE SE	1797 KING ST EXT	T, South, 1/2 - 1	CHARLESTON	SC	LUST
29405	U003754958	18621	HERMANN WAREHOUSE SE	1797 KING ST EXT		CHARLESTON	SC	UST
29405	1006329384	110012710012	PALMER LOGISTICS LLC	1797 KING STREET EXTENSION		CHARLESTON	SC	FINDS
29405	1004781178	110004943296	YANCY CO INC	1871 KING ST EXT	64, SSE, 1/2 - 1	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007267971		ALBRIGHT & WILSON AMERICAS INC.	215 KING ST.		CHARLESTON	SC	FTTS
29405	U004018066	1705	RHODIA INC	2151 KING ST EXT	59, WSW, 1/4 - 1/2	CHARLESTON	SC	GWCI, RCR, LUST, SPILLS, UST
29405	1007259631	110017326963	RHODIA INCORPORATED	2151 KING ST EXT		CHARLESTON	SC	FINDS
29405	1011625422		RHODIA INC	2151 KING ST EXT CHARLESTON SC 29		CHARLESTON	SC	ICIS
29405	1012052812		RHODIA INC	2151 KING ST EXTENSION	**	CHARLESTON		SSTS
29405	1005925726		ALBRIGHT/WILSON AM	2151 KING ST EXTENSION		CHARLESTON	SC	TSCA
29405	1005925721		ALBRIGHT & WILSON	2151 KING ST EXTENSION		CHARLESTON	SC	TSCA
29405	1005925723		ALBRIGHT & WILSON AMERICAS-CHARLE	2151 KING ST EXTENSION		CHARLESTON	SC	TSCA
29405	2009921629		2151 KING STREET	2151 KING STREET		CHARLESTON	SC	ERNS
29405	2008906638		2151 KING STREET EXT.	2151 KING STREET EXT.		CHARLESTON	SC	ERNS
29405	2009906638		2151 KING STREET EXT.	2151 KING STREET EXT.		CHARLESTON	SC	ERNS
29405	1007267967		ALBRIGHT & WILSON AMERICAS	2151 KING STREET EXT.		CHARLESTON	SC	FTTS
29405	96501627		2151 KING STREET EXT. ON THE ASHLEY	2151 KING STREET EXT. ON THE ASHLEY		CHARLESTON	SC	ERNS
29405	2006807842		2151 KING STREET EXTENSION	2151 KING STREET EXTENSION		CHARLESTION	SC	ERNS
29405	1005925722		ALBRIGHT & WILSON	2151 KING STREET EXTENSION		CHARLESTON	SC	TSCA
29405	93301289		2152 KING ST EXTENSION	2152 KING ST EXTENSION		CHARLESTON	SC	ERNS
29405	1005851282	110008559256	ROYAL CROWN	KING ST EXT AT DISHER AVE	**	CHARLESTON	SC	FINDS
29405	1000253074	29415LBRGH21	MOBIL CHEMICAL CO	KING ST EXTN	52, WSW, 1/4 - 1/2	CHARLESTON HEIGHTS	SC	GWCI, CORRACTS, AIRS, CERCLIS-NFRAP, SHWS, SSTS, RCRAInfo-LQG, TRIS, RCRAInfo-TSDF
29405	A100267547	1038	FORD'S REDI-MIX CONCRETE	1527 KINGS STREET EXT.		CHARLESTON	SC	AST
29405	1000227493	110002197890	BASF WYANDOTTE CORPORATION DAVIS	1553 KINGS ST EXT		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1010691798	110031183369	SOUTHEAST BIODIESEL	1005 KINZER ST		NORTH CHARLESTON	SC	FINDS
29405	1010381825		SOUTHEAST BIODIESEL	1005 KINZER ST		NORTH CHARLESTO	SC	AIRS
29405	A100267627	1360	SCE&G - CHARLESTON NAVAL BASE CRE	1312 C.B. LANE		CHARLESTON	SC	AST
29405	1007236170	110017076260	RD SCHROEDER #2	2100 LEEDS AVE		CHAS HEIGHTS	SC	FINDS
29405	1004594208	110004937613	CHARLESTON COUNTY SCHOOL DISTRIC	2100 LEEDS AVENUE		CHARLESTON	SC	FTTS, FINDS
29405	1000449100	110002197435	LIFE CYCLE ENGINEERING INCORPORAT	2205 A LEEDS AVENUE		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1012099565	110038772539	PERSEVERENCE TEXTILES	2205 LEEDS AVE		CHARLESTON	SC	FINDS
29405	1004594821	110002254266	PERSERVERANCE TEXTILES	2205 LEEDS AVENUE		CHARLESTON	SC	FINDS
29405	1000341166	110002254809	MCCORD HEAT TRANSFER	2301 LEEDS AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1005789928	110002254612	MISSION DENTAL INC	2301 LEEDS AVE STE 205 A		CHARLESTON	SC	FINDS
29405	1007225504	110016965952	SCE&G	2445 LEEDS AVE		N CHARLESTON	SC	FINDS
29405	1007241737	110017134297	SCE&G	3400 LEEDS AVE	**	CHARLESTON	SC	FINDS
29405	1007238054	110017095837	CHARLESTON COUNTY DETENTION BURI	3481 LEEDS AVE	**	NORTH CHARLESTON	SC	FINDS
29405	1007242953	9959	CARTA LEEDS AVE OPERATIONS CTR	3664 LEEDS AVE		CHARLESTON	SC	LUST
29405	U003619227	9959	CARTA LEEDS AVE OPERATIONS CTR	3664 LEEDS AVE		CHARLESTON	SC	UST
29405	1007835701	110019996913	SCE&G CHARLESTON FLEET MAINTENAN	3664 LEEDS AVE R 75		CHARLESTON	SC	FINDS
29405	U003619662	7501	CHARLESTON GAS OPERATIONS	3680 LEEDS AVE		CHARLESTON	SC	UST
29405	U003525647	7501	CHARLESTON GAS OPERATIONS	3680 LEEDS AVE		CHARLESTON	SC	LUST
29405	1004781106	110002236330	SCE&G CHARLESTON GAS OPERATIONS	3680 LEEDS AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1011491118	SCR000770164	GARNET LOGISTICS	3681 LEEDS AVE		N CHARLESTON	SC	RCRAInfo-SQG
29405	1011924361	110037443399	GARNET LOGISTICS	3681 LEEDS AVE		N CHARLESTON	SC	FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
29405	1007294141		SOUTH CAROLINA ELECTRIC & GAS (SCA	3691 LEEDS AVE		CHARLESTON	SC	FTTS
29405	1004781114	110002236278	SCE&G FACILITY MAINT	3691 LEEDS AVE		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	A100267628	1361	SCE&G - CHARLESTON TRANSFORMER S	3691 LEEDS AVE.		CHARLESTON	SC	AST
29405	1001485897	110004943152	SCE&G LEEDS	3696 LEEDS AVE		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1006931482	SCR000764753	SCE&G TRANSMISSION SUBSTATION PO\	3700 LEEDS AVE		CHARLESTON	SC	RCRA-CESQG
29405	1007087144	110015666750	SCE&G TRANSMISSION SUBSTATION PO\	3700 LEEDS AVENUE		CHARLESTON	SC	FINDS
29405	1007237710	110017092359	COASTAL WORK CENTER	3762 LEEDS AVE		CHARLESTON	SC	FINDS, LUST
29405	1011970562		SOUTH CAROLINA ELECTRIC & GAS COM	3765 LEEDS AVE		CHARLESTON	SC	PCB TRANSFORMER
29405	U004017533	1397	COASTAL WORK CENTER	3765 LEEDS AVE		CHARLESTON	SC	UST
29405	1011963637		SOUTH CAROLINA ELECTRIC & GAS COM	3765 LEEDS AVE		CHARLESTON	SC	PCB TRANSFORMER
29405	U004155492		CHARLESTON COUNTY DETENTION CEN	3841 LEEDS AVE	**	N CHARLESTON	SC	UST
29405	1008206362	110020903218	CHARLESTON COUNTY DETENTION	3861 LEEDS AVE		NORTH CHARLESTO	SC	AIRS, FINDS
29405	1007227505	110016986591	CHARLESTON COUNTY DETENTION FACI	3865 LEEDS AVE		CHARLESTON	SC	FINDS
29405	1007836716	110020007053	HOSPICE OF CHARLESTON INC	3870 LEEDS AVE		CHARLESTON	SC	FINDS
29405	1007835231	110019992203	JAMES ISLAND DEVELOPMENT CO LLC	3870 LEEDS AVE STE 109		CHARLESTON	SC	FINDS
29405	1007835343	110019993337	CHARLESTON LAND DEVELOPMENT GRC	3870 LEEDS AVE STE 109		CHARLESTON	SC	FINDS
29405	1007259171	110017322244	DUCKS UNLIMITED INC	3870 LEEDS AVE STE 114		CHARLESTON	SC	FINDS
29405	1004780921	110002197809	CHARLESTON OBSTETRICS & GYNECOLC	4480 LEEDS PLACE WEST		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1006811471	110014400987	LEEDS PARK ASSOCIATES LLC	4500 LEEDS AVE		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1005901526	110012172781	WABCO COMPRESSOR MFG CO	4500 LEEDS AVE		CHARLESTON	SC	FINDS
29405	1007562066		CUMMINS ENGINE COMPANY, INC.	4500 LEEDS AVE		CHARLESTON,	SC	FTTS
29405	1004780656	110012184803	MISSION DENTAL INC	4500 LEEDS AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1006811468	110013330190	BEHR HEAT TRANSFER SYSTEMS INC	4500 LEEDS AVE STE 101		CHARLESTON	SC	RCRAInfo-SQG, FINDS
29405	S108281588		BEHR HEAT TRANSFER SYSTEMS INC	4500 LEEDS AVE STE 101		CHARLESTON	SC	AIRS
29405	U003930395	1604	CUMMINS ENGINE CO INC	4500 LEEDS AVE STE 102		CHARLESTON	SC	LUST
29405	U004017907	1604	CUMMINS ENGINE CO INC	4500 LEEDS AVE STE 102		CHARLESTON	SC	UST
29405	1006764940	110013327104	HOLSET INC	4500 LEEDS AVE STE 102		CHARLESTON	SC	FINDS
29405	1005418403	110012250429	GETRAG PRECISION GEAR CO	4500 LEEDS AVE STE 112		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1007233288	110017046150	QUALITY CUSTOM COMPONENTS	4500 LEEDS AVE STE 114		N CHARLESTON	SC	FINDS
29405	1006811474	110014400861	CUMMINS MERCRUISER DIESEL MARINE	4500 LEEDS AVE STE 301		CHARLESTON	SC	RCRAInfo-SQG, FINDS
29405	1007259345	110017323993	IMR TEST LABS - CHARLESTON	4500 LEEDS AVE STE 306		CHARLESTON	SC	FINDS
29405	1010787926	SCR000769869	IMR TEST LABS CHARLESTON	4500 LEEDS AVE STE 306		CHARLESTON	SC	RCRA-CESQG
29405	S108281711		CUMMINS INC	4500 LEEDS AVE STE 500		CHARLESTON	SC	AIRS
29405	1006796999	110013669841	CUMMINS ACCUMULATOR PUMPING SYS	4500 LEEDS AVE STE 500		CHARLESTON	SC	FINDS
29405	1012212099	SCR000771584	CUMMINS TECHNICAL CENTER	4500 LEEDS AVE STE 500		CHARLESTON	SC	RCRA-CESQG
29405	1012207437	29405CMMNS23	CUMMINS TURBO TECHNOLOGIES	4500 LEEDS AVE SUITE 102		CHARLESTON	SC	TRIS
29405	A100267837	1779	CUMMINS INC.	4500 LEEDS AVE, SUITE 202 A		CHARLESTON	SC	AST
29405	1009517722		MAINSTREET REAL ESTATE SERVICES, I	4500 LEEDS AVE.		CHARLESTON	SC	FTTS
29405	1011964070		CUMMINGS ENGINE CO., INC.	4500 LEEDS AVENUE		CHARLESTON	SC	PCB TRANSFORMER
29405	1011969375		CUMMINGS ENGINE CO., INC.	4500 LEEDS AVENUE		CHARLESTON	SC	PCB TRANSFORMER
29405	1000300115	110000353288	CUMMINS ENGINE CO INC	4500 LEEDS AVENUE		CHARLESTON	SC	CERCLIS, RCRA-CESQG, FINDS
29405	1011625969		CUMMINS ENGINE COMPANY, INC.	4500 LEEDS AVENUE SUITE 202 CHARLE		CHARLESTON	SC	ICIS
29405	1003868471	SCD980843635	GRAHAM INDUSTRIAL PARK/AVX CORP	LEEDS AVE	**	CHARLESTON	SC	CERCLIS-NFRAP
29405	1004780369	110007835511	FABER PLACE GAS TURBINE	LEEDS AVE. AT AZALEA RD.	**	CHARLESTON	SC	RCRA-CESQG, FINDS
29405	U004018169	17690	QUALITY TRANSPORT	1003 LINCOLN AVE		NORTH CHARLESTON	SC	UST
29405	S108282386		COASTAL CONCRETE SOUTHEAST II LLC	1067 LINCOLN AVE		NORTH CHARLESTO	SC	AIRS
29405	A100267572	1039	COASTAL CONCRETE. INC.	1067 LINCOLN AVE.		NORTH CHARLESTON	SC	AST
29405	1004594913	110001665724	COASTAL CONCRETE NORTH CHARLEST	1067 LINCOLN AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1001229778	110002237133	GEORGE A RHEMAN CO INC	1069 LINCOLN AVE		N CHARLESTON	SC	RCRA-CESQG, FINDS
29405	A100115486	1041	SOUTHERN BULK HAULERS (NC)	1069 LINCOLN AVE.		NORTH CHARLESTON	SC	AST
29405	1007836677	110020006688	MAPLE MANOR RESIDENTIAL CARE	164 MAPLE ST		CHARLESTON	SC	FINDS
29405	1005851754	110008554297	EQC LAB CHARLESTON	1362 MCMILLAN AVE #300		CHARLESTON	SC	FINDS
29405	U003620653	11349	FAST POINT 52	1900 MCMILLAN AVE		NORTH CHARLESTON	SC	GWCI, UST
29405	1007247623	110017195337	FAST POINT 52	1900 MCMILLAN AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	1007236519	110017079800	HAMDI SAADAH/SAWALHA ABDEL	1900 MCMILLIAN AVE		N CHARLESTON	SC	FINDS
29405	1007233004	110017043279	WRENN HANDLING INC	2210 MECHANIC DR		CHARLESTON	SC	FINDS
29405	U003526802	12256	WRENN HANDLING INC	2210 MECHANIC DR		CHARLESTON	SC	LUST, UST
29405	1004781054	110004943072	PRECISION COLLISION	4264 MEEETING ST	**	N CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1004594239	110001665109	CHARLESTON STEEL	1300 MEETING STREET		CHARLESTON	SC	FINDS
29405	1007231443	110017027224	PIED PIPER INC	1434 MEETING ST	**	CHARLESTON	SC	FINDS
29405	U003524299	9871	PIED PIPER INC	1434 MEETING ST		CHARLESTON	SC	UST
29405	1009401944		WILSON AND ASSOCIATES DEVELOPERS	1539 MEETING STREET	**	CHARLESTON	SC	FTTS
29405	1010040656	110028098920	WILSON & ASSOCIATES DEVELOPERS IN	1539 MEETING STREET	**	CHARLESTON	SC	FINDS
29405	U004051641	19220	FORMER PORT CITY SAW & TOOL	1612 MEETING ST	**	CHARLESTON	SC	GWCI, UST
29405	U003520489	14103	COOPER RIVER THERMAL	1623 MEETING ST		CHARLESTON	SC	LUST, UST
29405	1007243116	110017148763	COOPER RIVER THERMAL	1623 MEETING ST	**	CHARLESTON	SC	FINDS
29405	1005678309	110002370684	M W MILLSWORKS LLC	1669 MEETING STREET	**	CHARLESTON	SC	FINDS
29405	1001203597	110001139704	CLEANING SPECIALISTS INC	1705 MEETING ST		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	U003621132	14369	DREWS	1705 MEETING ST	AE, South, 1/2 - 1	CHARLESTON	SC	GWCI, RCR, LUST, UST
29405	A100267426	1024	CLEANING SPECIALST, INC.	1705 MEETING STREET	**	CHARLESTON	SC	AST

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29405	1011521517		CLEANING SPECIALISTS INC	1705 MEETING STREET CHARLESTON S	**	CHARLESTON	SC	ICIS
29405	1004780782	110002235402	C&C CLEANING CORP	1705 N MEETING ST	**	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	99606342		1705 NORTH MEETING ST.	1705 NORTH MEETING ST.		CHARLESTON	SC	ERNS
29405	1007238247	110017097808	PORT OIL DIVISION	1766 MEETING ST	AE, SSE, 1/2 - 1	CHARLESTON	SC	FINDS, LUST
29405	U004018231	1814	PORT OIL DIVISION	1766 MEETING ST	**	CHARLESTON	SC	UST
29405	1004780044	110002255327	EMRO SOUTHERN DIV REGION OFFICE	1766 MEETING ST RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007239729	110017113185	SOUTHERN TRUCK TERMINAL	1805 MEETING ST	AA, SSE, 1/2 - 1	CHARLESTON	SC	FINDS, LUST
29405	U004018134	1744	SOUTHERN TRUCK TERMINAL	1805 MEETING ST	AA, SSE, 1/2 - 1	CHARLESTON	SC	GWCI, UST
29405	1006811524	SCR982086357	MARKS PAINT AND BODY SHOP	1826 MEETING ST	**	CHARLESTON	SC	RCRA-NonGen
29405	1000228925	110014363214	MARKS PAINT AND BODY SHOP	1826 MEETING STREET		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	U003878722	1607	PANTRY 3355	1968 MEETING ST	**	CHARLESTON	SC	GWCI, UST
29405	1007242446	110017141653	CEL 4	1968 MEETING ST	**	CHARLESTON	SC	FINDS
29405	1007226623	110016977618	PANTRY 3355	1968 MEETING ST	P, SSE, 1/2 - 1	CHARLESTON	SC	FINDS, LUST
29405	S109694647		POLO CHAMP LLC SITE	2000 MEETING ST	P, SSE, 1/4 - 1/2	CHARLESTON	SC	ALLSITES
29405	S107520939		POLO CHAMP, LLC SITE	2000 MEETING ST	P, SSE, 1/4 - 1/2	CHARLESTON	SC	BROWNFIELDS, VCP, RCR, SHWS
29405	1012099689	110038772478	BRASWELL:MEETING - CLOSED	2026 MEETING ST	**	CHARLESTON	SC	FINDS
29405	U003522547	11584	J&G PROPERTIES INC	2038 MEETING ST	J, SSE, 1/4 - 1/2	CHARLESTON	SC	LUST, UST
29405	U004051627	19206	SILK STOCKINGS BY AMBER	2103 MEETING ST	J, SSE, 1/4 - 1/2	CHARLESTON	SC	UST
29405	S107924690	19206	SILK STOCKINGS BY AMBER	2103 MEETING ST	J, SSE, 1/4 - 1/2	CHARLESTON	SC	LUST
29405	U004018082	1714	CROSBYS GARAGE	2204 MEETING ST	F, South, 1/8 - 1/4	CHARLESTON	SC	UST
29405	1007244017	110017158074	CROSBYS GARAGE	2204 MEETING ST	F, South, 1/8 - 1/4	CHARLESTON	SC	FINDS, LUST
29405	1004779830	SC0000936765	BST CHTNSCGS 91122	2600 MEETING ST	**	CHARLESTON	SC	RCRA-CESQG
29405	U004017780	1536	SOUTHERN BELL CHTNSCGS	2600 MEETING ST	P, SSE, 1/4 - 1/2	NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	1007239342	110017109109	SOUTHERN BELL T&T CO	2600 MEETING ST	**	NORTH CHARLESTON	SC	FINDS
29405	U003526397	12632	W D ROBINSON ELECTRIC CO	2821 MEETING ST	66, NW, 1/2 - 1	CHARLESTON	SC	LUST, UST
29405	1007228927	110017001199	W D ROBINSON ELECTRIC CO	2821 MEETING ST	**	CHARLESTON	SC	FINDS
29405	1005906046	110013297342	COASTAL AUTO PARTS & SALVAGE	3201 MEETING ST RD		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	S108281645		CHARLESTON WOODWORKS LLC	3290 MEETING ST RD		CHARLESTON	SC	AIRS
29405	1005524961	110001675081	CHARLESTON WOODWORKS L.L.C.	3290 MEETING ST RD		CHARLESTON	SC	FINDS
29405	1012093021	110038808797	MAZZELL SIGN SERVICE - CLOSED	3356 MEETING ST	**	CHARLESTON	SC	FINDS
29405	1012095429	110038808644	CHARLESTON AWNING METAL	3527 MEETING ST	**	CHARLESTON	SC	FINDS
29405	1004780711	110002255906	B&D MARINE AND IND BOILERS INC	3567 MEETING STREET RD		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007246695	110017185874	COASTAL OCCUPATIONAL MEDICINE	3605 MEETING ST	**	NORTH CHARLESTON	SC	FINDS
29405	U004017516	1387	NOLAND CO	3695 MEETING ST RD		CHARLESTON	SC	UST
29405	1007237713	110017092386	NOLAND CO	3695 MEETING ST RD		CHARLESTON	SC	FINDS, LUST
29405	1007835456	110019994461	DEVILS ELBOW DOCK ASSOCIATION	3753 MEETING ST	**	CHARLESTON	SC	FINDS
29405	1007229772	110017009896	UNIJAX INC CHARLESTON	3801 MEETING ST RD		CHARLESTON	SC	FINDS
29405	U004017983	1655	UNIJAX INC CHARLESTON	3801 MEETING ST RD		CHARLESTON	SC	UST
29405	U004018028	1680	PYA MONARCH INC	3895 MEETING ST	**	NORTH CHARLESTON	SC	GWCI, UST
29405	1007229935	110017011598	PYA MONARCH INC	3895 MEETING ST	**	NORTH CHARLESTON	SC	RCR, FINDS, LUST
29405	1010695647	110033019034	CSX INTERMODAL	4201A MEETING ST	**	CHARLESTON	SC	FINDS
29405	1010567673	SCR000769521	CSX INTERMODAL	4201A MEETING ST	**	CHARLESTON	SC	RCRA-CESQG
29405	1012098466	110038771558	KOCH MATERIALS:CHARLESTON	MEETING & GREENLEAF	**	CHARLESTON	SC	FINDS
29405	U004017893	1598	AMERICAN BAKERIES CO	2142 MELBOURNE ST		CHARLESTON	SC	GWCI, UIC, UST
29405	1007226625	110016977636	AMERICAN BAKERIES CO	2142 MELBOURNE ST		CHARLESTON	SC	FINDS, LUST
29405	1007234414	110017057913	CHARLESTON COUNTY MELBOURNE STF	MELBOURNE ST	**	NORTH CHARLESTON	SC	FINDS
29405	1005624475	110011888109	SHIPYARD RIVER TERMINAL	180 MILFORD ST	**	CHARLESTON	SC	FTTS, FINDS
29405	2002594758		1801 MILFORD ST	1801 MILFORD ST		CHARLESTON	SC	ERNS
29405	1000350405	SCD106262140	KINDER MORGAN	1801 MILFORD ST	122, SE, 1 - 2	CHARLESTON	SC	AIRS, RCRA-NonGen, SHWS, UST
29405	2002596706		1801 MILFORD ST	1801 MILFORD ST		CHARLESTON	SC	ERNS
29405	S105375449	SC0000035036	KMBT SHIPYARD RIVER TERMINAL	1801 MILFORD ST		CHARLESTON	SC	NPDES, SPILLS
29405	2006797724		1801 MILFORD ST	1801 MILFORD ST		CHARLESTON	SC	ERNS
29405	1007258390	110017314173	MASSEY COAL CO	1801 MILFORD ST		CHARLESTON	SC	FINDS
29405	2005607191		1801 MILFORD ST	1801 MILFORD ST		CHARLESTON	SC	ERNS
29405	2008862856		1801 MILFORD STREET	1801 MILFORD STREET		CHARLESTON	SC	ERNS
29405	1004593045	110007215085	CHEVRON:CHARLESTON	1822 MILFORD STREET		CHARLESTON	SC	FINDS
29405	1011617703		CHEVRON U.S.A. INC.	1822 MILFORD STREET CHARLESTON S		CHARLESTON	SC	ICIS
29405	S108282380		CHEVRON TEXACO GLOBAL LUBRICANTS	1882 MILFORD ST		CHARLESTON	SC	AIRS
29405	93301794		1882 MILFORD ST	1882 MILFORD ST		CHARLESTON	SC	ERNS
29405	1007259323	110017323779	CHEVRON USA PRODUCTS COMPANY	1882 MILFORD ST		CHARLESTON	SC	FINDS
29405	2007323266		1882 MILFORD ST	1882 MILFORD ST		CHARLESTON	SC	ERNS
29405	1007225695	110016967889	B P OIL	1882 MILFORD ST		CHARLESTON	SC	FINDS
29405	U003878806	1709	CHEVRON USA PRODUCTS CO	1882 MILFORD ST		CHARLESTON	SC	LUST
29405	U004018074	1709	CHEVRON USA PRODUCTS CO	1882 MILFORD ST		CHARLESTON	SC	GWCI, UST
29405	93300497		1882 MILFORD ST SHIPYARD CREEK	1882 MILFORD ST SHIPYARD CREEK		CHARLESTON	SC	ERNS
29405	1007273079		CHEVERON PRODUCTS	1882 MILFORD STREET		CHARLESTON	SC	FTTS
29405	A100267450	991	CHEVRON - TEXACO	1882 MILFORD STREET		CHARLESTON	SC	AST
29405	1009599525	110032890575	CHARLESTON DISTRIBUTION CENTER	1882 MILFORD STREET		CHARLESTON	SC	FINDS
29405	92259181		1882 MILFORD STREET	1882 MILFORD STREET		CHARLESTON	SC	ERNS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
29405	U003975628	1403	UTILITIES CONSTRUCTION CO INC OF SC	1890 MILFORD ST		CHARLESTON	SC	LUST
29405	U004017546	1403	UTILITIES CONSTRUCTION CO INC OF SC	1890 MILFORD ST		CHARLESTON	SC	UST
29405	A100267484	990	KINDER MORGAN BULK TERMINALS	1901 MILFORD STREET		CHARLESTON	SC	AST
29405	U003930372	1581	CHARLESTON CITY OF GARAGE	1950 MILFORD ST	Z, South, 1/2 - 1	CHARLESTON	SC	LUST
29405	U004017862	1581	CHARLESTON CITY OF GARAGE	1950 MILFORD ST	Z, South, 1/2 - 1	CHARLESTON	SC	GWCI, BROWNFIELDS, SHWS, UST
29405	1000914364	110002255620	CHARLESTON CITY OF GARAGE	1950 MILFORD STREET		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1007240551	110017121880	ENVIRONMENTAL FIELD MGMT INC	1951 MILFORD ST		CHARLESTON	SC	FINDS
29405	1000875865	110000913575	BEAZER EAST INC	1961 MILFORD ST		CHARLESTON	SC	FINDS
29405	1007116094	SCD987597663	BEAZER EAST INC	1961 MILFORD ST		CHARLESTON	SC	RCRAInfo-LQG
29405	1007234251	110017056237	CHEMPHALT OF CAROLINA	2000 MILFORD ST		CHARLESTON	SC	FINDS
29405	U004017702	1497	CHARLESTON COMMISSIONERS OF PUBL	2150 MILFORD ST	AC, South, 1/2 - 1	CHARLESTON	SC	GWCI, UST
29405	U003878615	1497	CHARLESTON COMMISSIONERS OF PUBL	2150 MILFORD ST	AC, South, 1/2 - 1	CHARLESTON	SC	LUST
29405	1007237692	110017092171	CHARLESTON COMMISSIONERS OF PUBL	2150 MILFORD ST		CHARLESTON	SC	FINDS
29405	1000435351	110001674466	PHILIP SERVICES	2166 MILFORD ST		CHARLESTON	SC	FINDS
29405	1007115907	SCD987567146	ASHLEY II OF CHARLESTON LLC	2166 MILFORD STREET		CHARLESTON	SC	RCRAInfo-LQG
29405	1000346093	110007831828	PEPPER INDUSTRIES INC	MILFORD ROAD	109, WNW, 1 - 2	CHARLESTON	SC	CERCLIS-NFRAP, RCRA-NonGen, SHWS, FINDS
29405	1001230528	110009310806	ETIWAN PHOSPHATE COMPANY	MILFORD ST	118, SE, 1 - 2	CHARLESTON	SC	CERCLIS, SHWS, FINDS
29405	96501636		1801 MILLFORD ST	1801 MILLFORD ST		CHARLESTON	SC	ERNS
29405	1007258989	110017320371	KINDER MORGAN BULK TERMINALS	1801 MILLFORD STREET		CHARLESTON	SC	FINDS
29405	1009647942			2005 MINOTT ST.		CHARLESTON	SC	DOT OPS
29405	1000706198	110002254863	LENZ DRY CLEANING	4727 MIXON AVE		N CHARLESTON	SC	DRYCLEANERS, RCRA-NonGen, SHWS, FINDS
29405	1012094257	110038798995	LENZ DRY CLEAN #4-EXEMPT	4727 MIXSON AVE		NORTH CHARLESTON	SC	FINDS
29405	1004594418	110001665608	CHEM-MARINE CORPORATION	1000 EAST MONTAGUE AVENUE		NORTH CHARLESTON	SC	FINDS
29405	U004017240	1193	KOCH REFINING CO	1003 E MONTAGUE AVE		CHARLESTON	SC	UST
29405	1005507159	110002441224	CHARLESTON CEMENT COMPANY LLC	1003 EAST MONTAGUE AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1007229721	110017009360	PUBLIX OIL CO INC	1012 E MONTAGUE AVE		N CHARLESTON	SC	FINDS
29405	1007241562	110017132468	THIGPEN CONSTRUCTION	1042 E MONTAGUE AVE		N. CHARLESTON	SC	FINDS
29405	1007248159	110017200900	DOYLE DYE	1049 E MONTAGUE AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U003520877	14873	DOYLE DYE	1049 E MONTAGUE AVE		NORTH CHARLESTON	SC	UST
29405	1010045609	110028147645	EXIT CENTRAL REAL ESTATE, LLC	1063 EAST MONTAGUE AVE		CHARLESTON	SC	FINDS
29405	1010049489	110028162627	W C WILBUR & CO	1072 EAST MONTAGUE AVE		N CHARLESTON	SC	FINDS
29405	1009401916		W C WILBUR & CO.	1072 EAST MONTAGUE AVENUE		NORTH CHARLESTON	SC	FTTS
29405	1008253998	110021468133	N CHARLESTON HIGH	1087 EAST MONTAGUE		NO. CHARLESTON	SC	FINDS
29405	1007224115	110016951477	ROGER F BASHA DDS LLC	1092 E MONTAGUE AVE		NORTH CHARLESTON	SC	FINDS
29405	1007228322	110016995064	WILLIAM H PHILLIPPS	1098 E MONTAGUE AVE		NORTH CHARLESTON	SC	FINDS
29405	1005790450	110002232717	LENT S FOOD LAND-CHARLESTON	1422 MONTAGUE AVE		N. CHARLESTON	SC	FINDS
29405	1005851260	110008559425	RAMADA INN OF N CHARLESTON	2934 W MONTAGUE AVE		N CHARLESTON	SC	FINDS, SPILLS
29405	1004594824	110001665706	CHARLESTON MOVING&STORAGE	3129 MONTAGUE AVE		CHARLESTON	SC	FINDS
29405	A100267454	1033	KOCH REFINING - CHARLESTON	1003 EAST MONTEGUE AVE.		NORTH CHARLESTON	SC	AST
29405	1001229776	110002258832	MORRISON DRIVE HOPE CENTER SITE	955 MORRISON DR		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1006285687	110011733133	CHARLESTON SHIPBUILDERS, INC	1255 NECESSARY LANE		CHARLESTON	SC	FTTS, FINDS
29405	S108281644		CHARLESTON MARINE CONTAINERS	2301 NOISETTE BLVD		NORTH CHARLESTO	SC	AIRS
29405	1005447468	29405CHRLS23	CHARLESTON MARINE CONTAINERS INC.	2301 NOISETTE BLVD		NORTH CHARLESTON	SC	TRIS
29405	S110142978		SANDERS BROTHERS CONSTRUCTION:C	4854 O'HEAR AVE		NORTH CHARLESTO	SC	AIRS
29405	1007240400	110017120319	GEORGE AND MICHELLE ROSE	4631 OAKWOOD AVE		NORTH CHARLESTON	SC	FINDS
29405	S105811286		HALL ONE SITE	1593 OCEANIC ST	115, South, 1 - 2	CHARLESTON	SC	BROWNFIELDS, VCP, ALLSITES, SHWS
29405	1010451038	110031401230	ASHLEY II OF CHARLESTON LLC	1601 OCEANIC ST		CHARLESTON	SC	FINDS
29405	1010227026	110029520409	SEACREST MARINE HOLDINGS LLC	OFF OF PIERSIDE ST	**	NORTH CHARLESTO	SC	FINDS
29405	S108767588	SC0000324483	SEACREST MARINE HOLDINGS LLC	OFF OF PIERSIDE ST	**	NORTH CHARLESTO	SC	NPDES
29405	98451564		OFF PIER VICTOR OLD NAVY BASE REGIS	OFF PIER VICTOR OLD NAVY BASE REGIS	**	NORTH CHARLESTON	SC	ERNS
29405	1012218781	110040509713	SEACREST MARINE HOLDINGS LLC	OFF PIERSIDE ST	**	CHARLESTON	SC	FINDS
29405	1005827480	110012163684	KAHRS THERMAL TECHNOLOGY INC	4584 OHEAR AVE		NORTH CHARLESTON	SC	FINDS
29405	1004781325	110012223593	RM ENGINEERED PRODUCTS	4854 B OHEAR AVE		NORTH CHARLESTON	SC	RCRA-NonGen, FINDS
29405	S106614200		RM ENGINEERED PRODUCTS INC	4854 OHEAR AVE		CHARLESTON	SC	ALLSITES
29405	U003994052	17385	ALPHA ASSOCIATES INC	4854 OHEAR AVE		NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	1007248366	110017203051	CUSTOM FABRICATED PRODUCTS LLC	4854 OHEAR AVENUE		CHARLESTON	SC	FINDS
29405	1000207840	110000353359	ALPHA ASSOCIATES INCORPORATED	4854 OHEAR AVENUE		NORTH CHARLESTON	SC	GWCI, BROWNFIELDS, RCRA-CESQG, SHWS, FINDS
29405	1011622483		RM ENGINEERED PRODUCTS	4854 OHEAR AVENUE NORTH CHARLES		NORTH CHARLESTON	SC	ICIS
29405	1007234225	110017055979	GULF PRODUCTS DIVISION	BP OIL INC.	**	CHARLESTON	SC	FINDS
29405	U003665536	12125	PUBLIC WORKS DEPT	6963 OLD JACKSONBORO RD		RAVENEL	SC	LUST, UST
29405	U003520037	9784	CHARLESTON COUNTY	6963 OLD JACKSONBORO RD		RAVENEL	SC	GWCI, UST
29405	1007227220	110016983718	CHARLESTON COUNTY	6963 OLD JACKSONBORO RD		RAVENEL	SC	FINDS, LUST
29405	2000529242		OLD CHARLESTION SHIPYARD	OLD CHARLESTION SHIPYARD	**	NORTH CHARLESTON	SC	ERNS
29405	U004017899	1600	HICKLIN MOTOR LINE INC	2548 OSCAR JOHNSON RD		CHARLESTON	SC	UST
29405	1007246664	110017185552	HICKLIN MOTOR LINE INC	2548 OSCAR JOHNSON RD		CHARLESTON	SC	FINDS
29405	1007238124	110017096550	CHARLESTON NEWS CO	2556 OSCAR JOHNSON DR		CHARLESTON	SC	FINDS, LUST

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
29405	U004018062	1702	CHARLESTON NEWS CO	2556 OSCAR JOHNSON DR		CHARLESTON	SC	UST
29405	1007233296	110017046230	DEWEY L COWART PLUMBING & HEAT	2579 OSCAR JOHNSON DR		NORTH CHARLESTON	SC	FINDS
29405	U003520754	12812	DEWEY L COWART PLUMBING & HEAT	2579 OSCAR JOHNSON DR		NORTH CHARLESTON	SC	UST
29405	1000248523	110002197765	CAROLINA INTERNATIONAL TRUCKS	2580 OSCAR JOHNSON ROAD		CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1004780646	110002197382	OTIS ELEVATOR CO	3561 C OSCAR JOHNSON RD	**	N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	U004018171	1770	GREENWOOD MOTOR LINES	4242 PACE ST		CHARLESTON HGTS	SC	UST
29405	1000574520	110001665225	CHARLESTON LITHOGRAPHING CO.	4259 PACE STREET STARK IND.		CHARLESTON HEIGHTS	SC	RCRA-CESQG, FINDS
29405	1011849819	110037090518	LOCKHEED MARTIN AERONAUTICS COMP	4280 PACE STREET		CHARLESTON	SC	FINDS
29405	1007114720	SCD048372023	LOCKHEED MARTIN AERONAUTICAL SYS	4280 PACE STREET		CHARLESTON	SC	GWCI, CORRACTS, BROWNFIELDS, VCP, ALLSITES, CDL, US ENG CONTROLS, UIC, US INST CONTROL, RCR, RCRAInfo-SQG, SHWS, RCRAInfo-TSDF
29405	S108767219		LOCKHEED MARTIN	4280 PACE STREET		CHARLESTON	SC	RCR
29405	1000270296	110000702008	LOCKHEED MARTIN AERONAUTICAL SYS	4280 PACE STREET		CHARLESTON	SC	FINDS
29405	S109362432		PACE STREET PROPERTY	4285 PACE ST		CHARLESTON	SC	BROWNFIELDS, SHWS
29405	1008253994	110036471029	CHARLESTOWNE ACADEMY	1800 PEARLY LANE	**	NO. CHARLESTON	SC	FINDS
29405	1000430402	110004938649	HOOVER UNIV BALL DIV CHARLESTON	7390 PEPPERDAM AVE		NORTH CHARLESTON	SC	RCRA-NonGen, FINDS
29405	2000528115		PIER T	PIER T	**	NORTH CHARLESTON	SC	ERNS
29405	1005642317	110010702800	CHARLESTON SHIPBUILDERS, INC.	1395 PIERSIDE ST		CHARLESTON	SC	FINDS
29405	1011580844		CHARLESTON SHIPBUILDERS, INC.	1395 PIERSIDE ST CHARLESTON SC 29		CHARLESTON	SC	ICIS
29405	1007239781	110017113719	UPS N CHARLESTON	4230 PIGGLY WIGGLY DR		NORTH CHARLESTON	SC	FINDS, LUST
29405	U004018330	1872	UPS N CHARLESTON	4230 PIGGLY WIGGLY DR		NORTH CHARLESTON	SC	UST
29405	96484230		3505 PINE HAVEN DR	3505 PINE HAVEN DR		NORTH CHARLESTON	SC	ERNS
29405	U004019834	9820	CHARLESTON COUNTY	3505 PINEHAVEN DR		CHARLESTON HGTS	SC	UST
29405	1012009149	29405HYDRS14	HYDRO-STOP LLC	1465 PIPEFITTER ST		CHARLESTON	SC	TRIS
29405	1011852155	110037142785	HYDRO-STOP LLC	1465 PIPEFITTER ST		CHARLESTON	SC	FINDS
29405	1007257311	110017302783	J E GONZALES & PAUL S HART	5097 PITTMAN ST		N CHARLESTON	SC	FINDS
29405	U004018368	1899	NILSON VAN & STORAGE	2017 PITTSBOUGH ST	**	CHARLESTON HGTS	SC	UST
29405	1004593240	110002233574	POLYCLEAN	1800 PITTSBURG AVE		CHARLESTON	SC	FINDS
29405	1012094724	110038799075	COASTAL LOGISTICS-CLOSED	1800 PITTSBURG AVE	**	CHARLESTON	SC	FINDS
29405	1011610247		COASTAL LOGISTICS INC	1800 PITTSBURG AVE. N CHARLESTON	**	N CHARLESTON	SC	ICIS
29405	1000695833	110004941680	DETYENS SHIPYARDS INC	1905 PITTSBURG AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1000835416	110002254569	METAL TRADES INCORPORATED SHIPYA	1905A PITTSBURG AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007241709	110017134019	ASBESTOS CONTROL SERVICES INC	2019 PITTSBURG AVE	**	CHARLESTON	SC	FINDS
29405	1008232338	110020973124	PITTSBURG AVE FIRE STATION	PITTSBURG @ MEETING	**	NORTH CHARLESTON	SC	FINDS
29405	1008233972	110020979173	PITTSBURG AVE # 2 AT UNION CARBIDE	PITTSBURG AVE	**	NORTH CHARLESTON	SC	FINDS
29405	U004051636	19215	MACALLOY CORPORATION	1800 PITTSBURGH AVE		N CHARLESTON	SC	UST
29405	1006976703	110015653737	KIMMELS COAL AND PACKAGING INC	1800 PITTSBURGH AVE		CHARLESTON	SC	FINDS
29405	1012099245	110038772263	MACALLOY-CLOSED	1800 PITTSBURGH AVE		N CHARLESTON	SC	FINDS
29405	1012095219	110038798101	POLYKLEAN - CLOSED	1800 PITTSBURGH AVE		CHARLESTON	SC	FINDS
29405	1000149179	110000353304	MACALLOY CORPORATION	1800 PITTSBURGH AVENUE	Q, ESE, 1/4 - 1/2	NORTH CHARLESTO	SC	GWCI, CORRACTS, CERCLIS, US ENG CONTROLS, US INST CONTROL, RCRA-NonGen, FINDS, NPL, ROD, RCRAInfo-TSDF
29405	1012097510	110038772664	DETYENS SHIPYARD CHARLESTON-CLOS	1905 PITTSBURGH AVE		NORTH CHARLESTON	SC	FINDS
29405	2007308768		1120 NORTH PORT DRIVE	1120 NORTH PORT DRIVE	**	N. CHARLESTON	SC	ERNS
29405	2005622111		1120 NORTH PORT DRIVE	1120 NORTH PORT DRIVE	**	N. CHARLESTON	SC	ERNS
29405	2008891058		2894 PRINGLE STREET	2894 PRINGLE STREET		CHARLESTON	SC	ERNS
29405	96473423		RAINBOW IN COLOR	RAINBOW IN COLOR	**	CHARLESTON	SC	ERNS
29405	1000124997	110000702035	CNWS SWMU 18	REDBANK ROAD		CHARLESTON	SC	GWCI, CORRACTS, PADS, AIRS, CERCLIS, US ENG CONTROLS, US INST CONTROL, FINDS, SPILLS, RCRAInfo-LQG, RCRAInfo-TSDF
29405	2006818801		1050 REGISTAR ST.	1050 REGISTAR ST.		CHARLESTON	SC	ERNS
29405	2009910421		1050 REGISTAR ST.	1050 REGISTAR ST.		CHARLESTON	SC	ERNS
29405	2005600193		1050 REGISTAR ST.	1050 REGISTAR ST.		CHARLESTON	SC	ERNS
29405	2008875715		1050 REGISTAR ST.	1050 REGISTAR ST.		CHARLESTON	SC	ERNS
29405	2008910421		1050 REGISTAR ST.	1050 REGISTAR ST.	**	CHARLESTON	SC	ERNS
29405	2007329371		1050 REGISTAR ST.	1050 REGISTAR ST.		CHARLESTON	SC	ERNS
29405	2007330037		1050 REGISTAR ST.	1050 REGISTAR ST.		CHARLESTON	SC	ERNS
29405	1004780995	110002258360	US COAST GUARD VESSEL SUPPORT FA	1050 REGISTER ST		N CHARLESTON	SC	RCRA-CESQG, FINDS
29405	2006787190		1050 REGISTER STREET	1050 REGISTER STREET		CHARLESTON	SC	ERNS
29405	1007240319	110017119492	KENNETH B MUCKENFUSS JR DC	1221 REMOUNT RD		NORTH CHARLESTON	SC	FINDS
29405	1012219041	110040511210	WANDO CONCRETE, LLC	1425 RENTAL CAR LN	**	NORTH CHARLESTON	SC	FINDS
29405	U004017866	1583	CIRCLE K 8082	1840 REYNOLDS AVE		NORTH CHARLESTON	SC	UST
29405	1007259997	110017330789	CIRCLE K 8082	1840 REYNOLDS AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	1012093006	110038808813	MONARCH PRINTING SERVICE	1938 REYNOLDS AVE		CHARLESTON	SC	FINDS
29405	1000141655	110002197417	NAPA AUTO PARTS N CHARLESTON	2110 REYNOLDS AVE		N CHARLESTON	SC	RCRA-NonGen, FINDS

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29405	1007454234	110002177331	CG BURBAGE MEATS	5107 NORTH RHETT AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1010044717	110028158669	PRUDENTIAL CAROLINA REAL ESTATE	5110 N RHETT AVE		N CHARLESTON	SC	FINDS
29405	1009401728		PRUDENTIAL CAROLINE REAL ESTATE	5110 N RHETT AVENUE		CHARLESTON	SC	FTTS
29405	1007237686	110017092117	PANTRY 882	5154 N RHETT AVE		CHARLESTON	SC	FINDS, LUST
29405	U004017720	1506	PANTRY 882	5154 N RHETT AVE		CHARLESTON	SC	GWCI, UST
29405	U003523884	14996	NORFOLK SOUTHERN RAILWAY CO	2200 RICH ST		NORTH CHARLESTON	SC	LUST, UST
29405	1007246015	110017178855	MCI TELECOMMUNICATIONS	3374 RIVER AVE	**	NORTH CHARLESTON	SC	FINDS
29405	U003523516	9966	MCI TELECOMMUNICATIONS	3374 RIVER AVE		NORTH CHARLESTON	SC	UST
29405	1012090730	110038767787	TASSIN & TASSIN	2825 RIVERS AVE		CHARLESTON	SC	FINDS
29405	1007226188	110016973211	PRYORS TEXACO	2851 RIVERS AVE	X, NNW, 1/2 - 1	NORTH CHARLESTON	SC	RCR, FINDS, LUST
29405	U003620658	11358	PRYORS TOWING & RADIATOR LLC	2851 RIVERS AVE	X, NNW, 1/2 - 1	NORTH CHARLESTON	SC	GWCI, UST
29405	1001022528	110002314157	3R OF CHARLESTON	2900 RIVERS AVE		CHARLESTON HEIGHTS	SC	RCRA-NonGen, FINDS
29405	1010331969	SCR000768424	LIONHEART AUTO & TRUCK REPAIR	2940 RIVERS AVE		N CHARLESTON	SC	RCRA-CESQG
29405	1010439294	110031411728	LIONHEART AUTO & TRUCK REPAIR	2940 RIVERS AVE		N CHARLESTON	SC	FINDS
29405	S106194739	19007	SAFECO	2960 RIVERS AVE		CHARLESTON	SC	LUST
29405	S108953935		WHITE POINT SERVICES/DRYCLEANING S	2960 RIVERS AVE	101, NNW, 1 - 2	N CHARLESTON	SC	SHWS
29405	1007242483	110017142082	SAFECO	2960 RIVERS AVE		CHARLESTON	SC	FINDS
29405	U003943122	19007	SAFECO	2960 RIVERS AVE		CHARLESTON	SC	GWCI, DRYCLEANERS, UST
29405	1007239732	110017113210	HERTZ EQUIP RENTAL CORP	3127 RIVERS AVE		CHARLESTON	SC	FINDS
29405	U004018115	1734	HERTZ EQUIP RENTAL CORP	3127 RIVERS AVE		CHARLESTON	SC	UST
29405	1000404689	110006434787	NORTH AREA AUTOMOTIVE	3216 RIVERS AVE		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007231675	110017029589	NORTH AREA AUTOMOBILE	3224 RIVERS AVE		NORTH CHARLESTON	SC	FINDS
29405	1007238132	110017096630	RIVERS MART	3255 RIVERS AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U003878789	1689	TIGERS MARKET	3255 RIVERS AVE		NORTH CHARLESTO	SC	GWCI, UST
29405	1000172564	110002255513	DRYCLEAN USA	3326 RIVERS AVENUE		CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007233225	110017045516	FORMER GULF OIL GAS STATION	3376 RIVERS AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U003521411	14317	FORMER GULF OIL GAS STATION	3376 RIVERS AVE		NORTH CHARLESTON	SC	GWCI, UST
29405	U003522404	1328	HULLS EXXON 41521	3401 RIVERS AVE		CHARLESTON	SC	GWCI, RCR, LUST, UST
29405	1007225179	110016962535	HULLS EXXON 41521	3401 RIVERS AVENUE		CHARLESTON	SC	FINDS
29405	U003930659	18977	FORMER PURE OIL SERVICE	3443 RIVERS AVE		CHARLESTON	SC	UST
29405	S108282257		US NAVY NORTH CHARLESTON HOSPITA	3600 RIVERS AVE		NORTH CHARLESTO	SC	AIRS
29405	U003526576	12985	WESTERN AUTO	3600 RIVERS AVE		CHARLESTON	SC	LUST, UST
29405	1004594425	SCD086372935	NAVAL HEALTH CLINIC CHARLESTON	3600 RIVERS AVE		N CHARLESTON	SC	RCRA-CESQG
29405	U004017818	1557	CHARLESTON NAVAL HOSPITAL	3600 RIVERS AVE		NORTH CHARLESTO	SC	LUST, UST
29405	1007226863	110016980034	WESTERN AUTO	3600 RIVERS AVE		CHARLESTON	SC	FINDS
29405	1004779973	110002314022	ONE HOUR VALET	3600 RIVERS AVENUE		N CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1007466745	110017395638	ONE HOUR VALET	3600 RIVERS AVENUE		N CHARLESTON	SC	FINDS
29405	S110529873		SHIPWATCH CENTER	3655 RIVERS AVE		N. CHARLESTON	SC	SHWS
29405	U003620606	10913	EXXON SHOP 40037	3700 RIVERS AVE		NORTH CHARLESTON	SC	LUST, UST
29405	1007242856	110017146122	EXXON SHOP 40037	3700 RIVERS AVE		N CHARLESTON	SC	FINDS
29405	1007229845	110017010642	KMART 3038	3725 RIVERS AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U004018026	1679	KMART 3038	3725 RIVERS AVE		NORTH CHARLESTON	SC	UST
29405	1012219506	110040521815	DEPARTMENT OF VETERANS AFFAIRS CH	3725 RIVERS AVE STE 2		NORTH CHARLESTON	SC	FINDS
29405	1004780825	SCR000000323	BST CHTNSCNO 91111	3801 RIVERS AVE		CHARLESTON	SC	RCRA-CESQG
29405	U004017787	1540	BELLSOUTH TELECOMMUNICATIONS INC	3801 RIVERS AVE		NORTH CHARLESTON	SC	UST
29405	1005678305	110006831937	BELLSOUTH TELECOMMUNICATIONS INC	3801 RIVERS AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1007240386	110017120168	EDWARD L SESSIONS DC	3835 RIVERS AVE		NORTH CHARLESTON	SC	FINDS
29405	1007239954	110017115496	BENNETT CHIROPRACTIC CENTER	3901 RIVERS AVE		NORTH CHARLESTON	SC	FINDS
29405	U003521148	17646	EXXON SERVICE STATION FORMER	3975 RIVERS AVE		NORTH CHARLESTON	SC	LUST, UST
29405	1007247377	110017192811	EXXON SERVICE STATION FORMER	3975 RIVERS AVENUE		NORTH CHARLESTON	SC	FINDS
29405	U004018054	1697	INFINGER TEXACO	4153 RIVERS AVE		CHARLESTON	SC	UST
29405	1007238127	110017096587	INFINGER TEXACO	4153 RIVERS AVE		CHARLESTON	SC	FINDS, LUST
29405	U004017552	1407	ELECTROKINETICS	4221 RIVERS AVE		NORTH CHARLESTON	SC	LUST, UST
29405	1007244218	110017160114	ELECTROKINETICS	4221 RIVERS AVE		N CHARLESTON	SC	FINDS
29405	1007224100	110016951324	RICHARD A DAY DMD RIVERS AVE	4235-A RIVERS AVE		NORTH CHARLESTON	SC	FINDS
29405	U004018313	1862	FIRESTONE STORE	4236 RIVERS AVE		NORTH CHARLESTON	SC	UST
29405	1007225153	110016962278	BOX DISTRIBUTING CO INC	4236 RIVERS AVE		NORTH CHARLESTON	SC	FINDS
29405	U004017486	1323	BOX DISTRIBUTING CO INC	4236 RIVERS AVE		NORTH CHARLESTON	SC	UST
29405	1007245252	110017171004	FIRESTONE STORE	4236 RIVERS AVE		N CHARLESTON	SC	FINDS
29405	U003621158	15196	HARTLEY REAL ESTATE & INSURANCE	4252 RIVERS AVE		NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	1004780866	110002255014	HARTLEY REAL ESTATE	4252 RIVERS AVE		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1010046342	110028248581	LIVINGSTON AUTO PARTS, INC	4550 RIVERS AVENUE		CHARLESTON	SC	FINDS
29405	1007231448	110017027279	HESS STATION 40226	4625 RIVERS AVE		NORTH CHARLESTON	SC	RCR, FINDS, LUST
29405	U004017763	1528	HESS STATION 40226	4625 RIVERS AVE		NORTH CHARLESTON	SC	GWCI, UST
29405	U003521377	15576	FORMER CLAWSONS BAKERY	4639 RIVERS AVE		NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	1004594392	110007177893	FORMER CLAWSONS BAKERY	4639 RIVERS AVE		CHARLESTON	SC	FINDS
29405	1004593385	110000353331	YANCY COMPANY INCORPORATED	4639 RIVERS AVE.		N CHARLESTON	SC	FINDS
29405	1005854750	110008562625	AUTO WASH	4830 RIVERS AVE		NORTH CHARLESTON	SC	FINDS
29405	U004154265		CHARLESTON BOAT CENTER	5133 RIVERS AVE	**	NORTH CHARLESTON	SC	UST
29405	U004017793	1543	SOUTHERN BELL CHTNSCGB	5900 RIVERS AVE		CHARLESTON	SC	UST
29405	1007229396	110017006041	SOUTHERN BELL CHTNSCGB	5900 RIVERS AVE		CHARLESTON	SC	FINDS, LUST

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29405	1000370857	110002253935	SHERWIN WILLIAMS COMPANY	5900 RIVERS AVE		NORTH CHARLESTON	SC	RCRA-NonGen, FINDS
29405	S108891934	14924	JUNE HAWKINS	RIVERS AVE / SUCCESS ST		N CHARLESTON	SC	LUST
29405	U003930287	14924	HAWKINS	RIVERS AVE & SUCCESS ST		N CHARLESTON	SC	UST
29405	1000405112	110009321233	USPS N. CHARLESTON P.O.	RIVERS AVENUE, .7 MI. N OF AVIATION	**	NORTH CHARLESTON	SC	CERCLIS, FINDS
29405	U004018168	1769	SC DEPT OF TRANSPORTATION SPECIAL	2695 ROURK ST		CHARLESTON	SC	GWCI, UST
29405	1007235052	110017064512	SC DEPT OF TRANSPORTATION SPECIAL	2695 ROURK ST		CHARLESTON	SC	FINDS, LUST
29405	U003557805	1327	CHARLESTON COUNTY SCHOOL BUS SH(	2715 ROURK ST		CHARLESTON HGTS	SC	LUST, UST
29405	1007235165	110017065744	SNAKE LLC	4024 SALT POINTE PKWY		CHARLESTON	SC	FINDS
29405	1004592885	110011928049	GRACE UNITED METHODIST SCHOOL	1601 SAM RITTENBURG BOULEVARD	**	CHARLESTON HEIGHTS	SC	FINDS
29405	1011293202	110036477791	CHARLESTON SCHOOL OF THE ARTS	1600 SARANAC STREET		NORTH CHARLESTON	SC	FINDS
29405	U004017525	1392	PALMETTO FORD INC	1625 SAVANNAH HWY		CHARLESTON	SC	UST
29405	1004780023	110002254523	PALMETTO FORD INC	1625 SAVANNAH HWY		CHARLESTON	SC	RCRA-CESQG, FINDS, LUST
29405	1007234373	110017057487	E G DEVELOPMENT	4795 SEBASTIAN CT		CHARLESTON	SC	FINDS
29405	1005490799	110001673074	PROTECTED VEHICLES, INC.	210 SECOND STREET	**	N CHARLESTON	SC	FINDS
29405	1004593974	110001673626	NORTH CHARLESTON CITY OF PARKS AN	1530 SEVENTH STREET		NORTH CHARLESTON	SC	FINDS
29405	1004595392	110001665715	MONTENAY CHARLESTON RESOURCE RE	1801 SHIPYARD CREEK		N CHARLESTON	SC	FINDS
29405	96497354		1801 SHIPYARD CREEK RD	1801 SHIPYARD CREEK RD		CHARLESTON	SC	ERNS
29405	96495404		1801 SHIPYARD CREEK RD	1801 SHIPYARD CREEK RD		CHARLESTON	SC	ERNS
29405	A100267821	1918	FOSTER WHEELER CHARLESTON RESOU	1801 SHIPYARD CREEK ROAD	D, NNE, 1/4 - 1/2	N. CHARLESTON	SC	AST
29405	1012229523	110034163045	CHARLESTON RESOURCE RECOVERY FA	1801 SHIPYARD CREEK ROAD		CHARLESTON	SC	FINDS
29405	1011293268	110036478308	MALCOLM C HURSEY ELEM	4542 SIMMS STREET		N CHARLESTON	SC	FINDS
29405	1011293266	110036478237	MORNINGSIDE MIDDLE	1999 SINGLEY LANE		NO CHARLESTON	SC	FINDS
29405	1005816181	110006180649	EARTH SCIENCES INCORPORATED	1390 SLARROW STREET		CHARLESTON	SC	FINDS
29405	1012188352	SCR000771121	SERCO INC	7249 SPA RD		NORTH CHARLESTON	SC	RCRA-CESQG
29405	1012109864	110038911318	SERCO INC	7249 SPA RD		NORTH CHARLESTON	SC	FINDS
29405	1009634776			7258 SPA INDUSTRIAL ROAD	**	CHARLESTON	SC	DOT OPS
29405	1007257475	110017304497	ROPER HOSPITAL NORTH INC (C)	2750 SPEISSEGGER DRIVE		NORTH CHARLESTON	SC	FINDS
29405	1000230722	110009345262	SWIFT AGRI-CHEM CORP	2750 SPEISSEGGER DRIVE	60, WNW, 1/2 - 1	CHARLESTON	SC	GWCI, BROWNFIELDS, VCP, ALLSITES, CERCLIS, SHWS, FINDS
29405	1011561584		SWIFT AGRI-CHEM CORP	2750 SPEISSEGGER DRIVE 2750 SPEISSE		CHARLESTON	SC	ICIS
29405	1012094238	110038798940	ROPER HOSPITAL NORTH CHARLESTON-	2750 SPEISSIGGER DR	**	NORTH CHARLESTON	SC	FINDS
29405	1011404191	110035430628	PLANTATION PAINTERS INC	2128 SPRUILL AVE		NORTH CHARLESTON	SC	FINDS
29405	1010787916	SCR000769760	PLANTATION PAINTERS INC	2128 SPRUILL AVE	21, SSE, 1/4 - 1/2	NORTH CHARLESTON	SC	RCRAInfo-SQG
29405	1007229849	110017010688	BELCHER SERV STATION	2502 SPRUILL AVE	E, NNE, 1/4 - 1/2	NORTH CHARLESTON	SC	FINDS, LUST
29405	U004018012	1672	BELCHER SERV STATION	2502 SPRUILL AVE	E, NNE, 1/4 - 1/2	NORTH CHARLESTON	SC	UST
29405	1004594564	110001665626	CONTAINER CARE INCORPORATED	2534 SPRUILL AVE		N CHARLESTON	SC	FINDS
29405	S108282398		CONTAINER CARE INC	2534 SPRUILL AVE		NORTH CHARLESTO	SC	AIRS
29405	1008247976	110021343054	CHARLESTON RESOURCE RECOVERY FA	2550 SPRUILL AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1007238825	110017103793	DAN BEACH	2665 SPRUILL AVE		CHARLESTON	SC	FINDS
29405	U001537245	15025	DAN BEACH	2665 SPRUILL AVE	B, North, 1/2 - 1	CHARLESTON	SC	GWCI, LUST, UST
29405	1000336559	110004939041	EASON DIVING & MARINE CONT INC	2668 SPRUILL AVE	B, North, 1/2 - 1	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1004781169	110002235732	SOUTH ATLANTIC AMUSEMENTS	2681 SPRUILL AVE	7, North, 1/2 - 1	N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	U004017874	1587	CIRCLE K 8108	2745 SPRUILL AVE	K, North, 1/2 - 1	NORTH CHARLESTON	SC	GWCI, UST
29405	1007243459	110017152338	CIRCLE K 8108	2745 SPRUILL AVE	K, North, 1/2 - 1	NORTH CHARLESTON	SC	FINDS, LUST
29405	U003523570	16607	METAL TRADES INC	2778 SPRUILL AVE	M, North, 1/2 - 1	NORTH CHARLESTON	SC	LUST, UST
29405	1007247182	110017190840	METAL TRADES INCORPORATED	2778 SPRUILL AVENUE		NORTH CHARLESTON	SC	FINDS
29405	U004017870	1585	CIRCLE K 8095	2947 SPRUILL AVE	V, North, 1/2 - 1	NORTH CHARLESTON	SC	GWCI, UST
29405	1008253992	110021467982	RONALD E MCNAIR ELEMENTARY	3795 SPRUILL AVENUE		NO CHARLESTON	SC	FINDS
29405	1007238502	110017100411	STORER CABLE OF CAROLINA INC	4151 SPRUILL AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U004017105	1119	STORER CABLE OF CAROLINA INC	4151 SPRUILL AVE		NORTH CHARLESTON	SC	UST
29405	1007234623	110017060035	LIL CRICKET 309	4233 SPRUILL AVE		NORTH CHARLESTON	SC	FINDS
29405	1007232373	110017036768	UST - UNKNOWN 14490	4233 SPRUILL AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U003526218	14490	UST - UNKNOWN 14490	4233 SPRUILL AVE		NORTH CHARLESTON	SC	UST
29405	2002603256		4287 SPRUILL AVE	4287 SPRUILL AVE		NORTH CHARLESTON	SC	ERNS
29405	U004017571	1416	TRI-COUNTY ICE & FUEL CO	4287 SPRUILL AVE		NORTH CHARLESTON	SC	GWCI, LUST, UST
29405	2002600845		4287 SPRUILL AVE	4287 SPRUILL AVE		NORTH CHARLESTON	SC	ERNS
29405	2006816700		4287 SPRUILL AVE	4287 SPRUILL AVE		NORTH CHARLESTON	SC	ERNS
29405	2003656433		4287 SPRUILL AVE	4287 SPRUILL AVE		NORTH CHARLESTON	SC	ERNS
29405	2000527353		4287 SPRUILL AVE	4287 SPRUILL AVE		NORTH CHARLESTON	SC	ERNS
29405	1005891413	110012165085	TRIANGLE ICE COMPANY	4287 SPRUILL AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1011590850		TRIANGLE ICE CO CHARLESTON	4287 SPRUILL AVENUE NORTH CHARLE		NORTH CHARLESTON	SC	ICIS
29405	U004108881	10504	FRIENDS CHOICE INC DBA A1FOOD STOF	4327 SPRUILL AVE		NORTH CHARLESTON	SC	GWCI, UST
29405	1007258923	110017319702	COMPLETE CORNER	4503 SPRUILL AVE		CHARLESTON	SC	FINDS, LUST
29405	U004017242	1194	COMPLETE CORNER	4503 SPRUILL AVE		CHARLESTON	SC	GWCI, UST
29405	U003930237	14351	STORAGE BUILDING	4526 SPRUILL AVE		NORTH CHARLESTON	SC	UST
29405	1007233254	110017045801	STORAGE BUILDING	4526 SPRUILL AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U003525633	9811	STILLS SHELL SERVICE STATION	4740 SPRUILL AVE		NORTH CHARLESTON	SC	UST
29405	1007231421	110017027000	STILLS SHELL SERVICE STATION	4740 SPRUILL AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	S110143036		PARK SOUTH TRACT	SPRUILL AVE	**	N. CHARLESTON	SC	BROWNFIELDS
29405	1012098314	110038771530	CHARLESTON NAVAL COMPLEX-CLOSED	SPRUILL AVE	**	NORTH CHARLESTON	SC	FINDS

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29405	S109546056		PARK SOUTH TRACT	SPRUILL AVE	**	N CHARLESTON	SC	SHWS
29405	1007835907	110019998984	COMCAST CABLEVISION	4151 SPRULL AVE		CHARLESTON	SC	FINDS
29405	1001091445	110002178857	CHARLESTON SHIPBUILDERS INC	1235 9TH ST BUILDING 101		N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1007224779	110016958434	O CAIN MHP	7625 STAFFORD RD		CHARLESTON	SC	FINDS
29405	1012092859	110038808760	FOLBOT CORP	STARK INDUSTRIAL PRK	**	CHARLESTON	SC	FINDS
29405	1007258387	110017314146	USAF CHARLESTON AFB	293 W STEWARD AVE BLDG 634	**	N CHARLESTON	SC	FINDS
29405	1001081436	110002254989	CON GLOBAL INDUSTRIES	1 STROMBOLI RD	15, North, 1/4 - 1/2	CHARLESTON	SC	RCRAInfo-SQG, FINDS
29405	1007234809	110017061953	C C SOUTH	1923 STROMBOLI AVE		NORTH CHARLESTON	SC	FINDS
29405	U003519726	16835	C C SOUTH	1923 STROMBOLI AVE	16, NNW, 1/4 - 1/2	CHARLESTON	SC	UST
29405	U004017490	1325	CAROLINA SHIPPING COMPANY	1950 STROMBOLI AVE	11, North, 1/4 - 1/2	NORTH CHARLESTON	SC	UST
29405	1007225152	110016962269	CAROLINA SHIPPING COMPANY	1950 STROMBOLI AVE		NORTH CHARLESTON	SC	FINDS
29405	1008278040	110021743540	CHICORA ELEM	1912 SUCCESS STREET		NO. CHARLESTON	SC	FINDS
29405	U003970124	1477	BROWNING FERRIS INDUSTRIES	1934 SUMMERVILLE AVE	L, South, 1/2 - 1	CHARLESTON	SC	LUST
29405	U004018030	1681	BROWNING FERRIS INDUSTRIES	1934 SUMMERVILLE AVE	L, South, 1/2 - 1	CHARLESTON	SC	UST
29405	1000187225	110002197140	TRIDENT SERVICES INCORPORATED	1934 SUMMERVILLE AVE	L, South, 1/2 - 1	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1000437995	110002255700	BROWNING-FERRIS INDUSTRIES	1934 SUMMERVILLE AVENUE	L, South, 1/2 - 1	CHARLESTON	SC	RCRA-NonGen, FINDS
29405	1012109699	110038911416	CLEMSON CONSERVATION CTR	1250 SUPPLY ST BLDG 255		NORTH CHARLESTON	SC	FINDS
29405	1012188363	SCR000771238	CLEMSON CONSERVATION CTR	1250 SUPPLY ST BLDG 255		NORTH CHARLESTON	SC	RCRA-CESQG
29405	1007258794	110017318400	CHARLESTON COMMISSION OF PUBLIC V	1256 SUPPLY ST		CHARLESTON	SC	FINDS
29405	1012094071	110038799011	CHARLESTON, CITY OF CNSYD	1256 SUPPLY ST		NORTH CHARLESTON	SC	FINDS
29405	1010787915	SCR000769752	PSC CONTAINER SERVICES LLC	2015 TELLICO RD	35, SE, 1/4 - 1/2	NORTH CHARLESTON	SC	RCRAInfo-LQG
29405	1011404190	110035430619	PSC CONTAINER SERVICES LLC	2015 TELLICO RD		NORTH CHARLESTON	SC	FINDS
29405	S109515557		PSC CONTAINER SERVICES LLC	2015 TELLICO RD		NORTH CHARLESTO	SC	AIRS
29405	2003636020		2075 THOMPSON AVE	2075 THOMPSON AVE		NORTH CHARLESTON	SC	ERNS
29405	2000528814		2075 THOMPSON AVE	2075 THOMPSON AVE		NORTH CHARLESTON	SC	ERNS
29405	2008865457		2075 THOMPSON AVE	2075 THOMPSON AVE		CHARLESTON	SC	ERNS
29405	2003703721		2075 THOMPSON AVE	2075 THOMPSON AVE		NORTH CHARLESTON	SC	ERNS
29405	2007305257		2075 THOMPSON AVE	2075 THOMPSON AVE		CHARLESTON	SC	ERNS
29405	2007332526		2075 THOMPSON AVE	2075 THOMPSON AVE		CHARLESTON	SC	ERNS
29405	2008876794		2075 THOMPSON AVE	2075 THOMPSON AVE		CHARLESTON	SC	ERNS
29405	2008893728		2075 THOMPSON AVE	2075 THOMPSON AVE		CHARLESTON	SC	ERNS
29405	2008889070		2075 THOMPSON AVE.	2075 THOMPSON AVE.		N. CHARLESTON	SC	ERNS
29405	2006802602		2075 THOMPSON AVE.	2075 THOMPSON AVE.		NORTH CHARLESTON	SC	ERNS
29405	2007317183		2075 THOMPSON AVENUE	2075 THOMPSON AVENUE		NORTH CHARLESTON	SC	ERNS
29405	1007241862	110017135599	LONGVIEW INSPECTION INC	2115C THOMPSON AVE		NORTH CHARLESTON	SC	FINDS
29405	99629254		2430 THOMPSON AVE	2430 THOMPSON AVE		NORTH CHARLESTON	SC	ERNS
29405	U004110964	19351	BRABHAM OIL BULK-CHARLESTON	2682 TILLMAN ST		N CHARLESTON	SC	UST
29405	94363065		1905 TITTSBURG AVE	1905 TITTSBURG AVE	**	CHARLESTON	SC	ERNS
29405	1007259461	110017325161	BERKELEY ELECTRIC CO-OP INC	C/O TRICO ENGINEERING CONSULTANTS	**	CHARLESTON	SC	FINDS
29405	1007227733	110016988937	BERESFORD POINTE LLC	C/O TRICO ENGINEERING CONSULTANTS	**	CHARLESTON	SC	FINDS
29405	1007234319	110017056923	MERRY LAND PROPERTIES INC	TRICO ENGINEERING CONSULTANTS INC	**	N CHARLESTON	SC	FINDS
29405	1007837503	110020014946	CHARLESTON NAVAL COMPLEX	1690 TRUNBULL AVE STE NH-47	**	CHARLESTON	SC	FINDS
29405	1012072383	110038531666	PROTECTED BEHICLE ACQUISITION	1210 TRUXTON AVE	**	NORTH CHARLESTON	SC	FINDS
29405	1007116207	SCR000003533	PVI ACQUISITION LLC	1210 TRUXTON AVE BLDG 2		N CHARLESTON	SC	RCRA-NonGen
29405	1007235313	110017067261	LONGVIEW INSPECTION INC	1280 TRUXTON AVE		CHARLESTON	SC	FINDS
29405	1007243707	110017154862	CHARLESTON NAVAL COMPLEX REDEVE	1360 TRUXTON AVE STE 300		N. CHARLESTON	SC	FINDS
29405	1001091413	110001675875	TRANSFLO TERMINAL SERVICES INC	1990 TUXBURY LANE	G, SE, 1/8 - 1/4	CHARLESTON	SC	RCRA-CESQG, FINDS
29405	1001961990	110002197658	FIRST RECOVERY	1990 TUXBURY LANE	G, SE, 1/8 - 1/4	N CHARLESTON	SC	RCRA-NonGen, FINDS
29405	S108282234		TRANSFLO TERMINAL SERVICES CHARLE	1990 TUXBURY LN	**	CHARLESTON	SC	AIRS
29405	U003853749	18829	HESS STATION 40387	8976 UNIVERSITY BLVD		CHARLESTON	SC	UST
29405	1007241184	110017128507	HESS STATION 40387	8976 UNIVERSITY BLVD		CHARLESTON	SC	FINDS
29405	S108282728		VAN SMITH CONCRETE:#2	3390 VAN SMITH AVE		CHARLESTON	SC	AIRS
29405	1004594209	110007177848	VAN SMITH CONCRETE:#2	VAN SMITH&ACCABEE AV		CHARLESTON	SC	FINDS
29405	A100267452	907	VAN-SMITH CONCRETE	3390 VAN-SMITH AVE.		NORTH CHARLESTON	SC	AST
29405	1004781210	110002181255	POLAR SERVICE CENTER	2653 VENEER AVE		CHARLESTON HEIGHTS	SC	RCRA-NonGen, FINDS
29405	1009575361	110025217708	USDOD CHARLESTON NAVAL SHIPYARD	VIADUCT ROAD	**	CHARLESTON	SC	FINDS
29405	1000148340	110000618831	CNC ZONE G SWMU 3	VIADUCT ROAD	108, North, 1 - 2	CHARLESTON	SC	GWCI, CORRACTS, PADS, CERCLIS, US ENG CONTROLS, US INST CONTROL, RCRA-NonGen, SHWS, FINDS, RCRAInfo-TSDF, RAATS
29405	2002621582		4650 VIRGINIA AVE	4650 VIRGINIA AVE		NORTH CHARLESTON	SC	ERNS
29405	2003703517		4650 VIRGINIA AVE	4650 VIRGINIA AVE		NORTH CHARLESTON	SC	ERNS
29405	1007248493	110017204372	AMERADA HESS CHARLESTON SOUTH TE	4650 VIRGINIA AVE		CHARLESTON	SC	FINDS
29405	A100267483	987	AMERADA HESS - SOUTH	4650 VIRGINIA AVE.		NORTH CHARLESTON	SC	AST
29405	1007231716	110017030005	ROWLAND BROTHERS	4750 VIRGINIA AVE		NORTH CHARLESTON	SC	FINDS, LUST
29405	U003524747	15263	ROWLAND BROTHERS	4750 VIRGINIA AVE		NORTH CHARLESTON	SC	UST
29405	A100267485	527	WESTVACO - PAL/STV SITE	4900 VIRGINIA AVE.		NORTH CHARLESTON	SC	AST
29405	S109117137		DELFIN GROUP USA LLC	4950 VIRGINIA AVE		N CHARLESTON	SC	NPDES
29405	S108282379		DELFIN GROUP USA LLC	4950 VIRGINIA AVE		NORTH CHARLESTO	SC	AIRS
29405	U004017675	1481	TEXACO REFINING & MARKETING INC	4950 VIRGINIA AVE		NORTH CHARLESTON	SC	UST

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29405	S102622638	986	SHELL OIL	4950 VIRGINIA AVE.		NORTH CHARLESTON	SC	AST
29405	A100267804	1663	QUALA SYSTEMS INC.	4953 VIRGINIA AVE.		NORTH CHARLESTON	SC	AST
29405	S108951281	SC0000064167	HESS/CHARLESTON NORTH TERMINAL	5150 VIRGINIA AVE		CHARLESTON	SC	NPDES, SPILLS
29405	2006816651		5150 VIRGINIA AVE	5150 VIRGINIA AVE		N. CHARLESTON	SC	ERNS
29405	A100267482	988	AMERADA HESS - NORTH	5150 VIRGINIA AVE.		NORTH CHARLESTON	SC	AST
29405	1005816164	110006180827	AMERADA HESS CHARLESTON	5150 VIRGINIA AVENUE		NORTH CHARLESTON	SC	FINDS
29405	1012188379	SCR000771394	KINDER MORGAN NORTH CHARLESTON T	5165 VIRGINIA AVE		NORTH CHARLESTON	SC	RCRAInfo-SQG
29405	1000159127	110002232628	MARATHON PETROLEUM CO	5165 VIRGINIA AVE		NORTH CHARLESTON	SC	GWCI, AIRS, RCRA-NonGen, FINDS, LUST, UST
29405	A100224389	985	MARATHON ASHLAND PETROLEUM LLC	5165 VIRGINIA AVE.		NORTH CHARLESTON	SC	AST
29405	92278002		5600 VIRGINIA AVE	5600 VIRGINIA AVE		NORTH CHARLESTON	SC	ERNS
29405	S110143033		MARTIN MARIETTA MATERIALS, INC. SITE	VIRGINIA AVE	**	NORTH CHARLESTO	SC	BROWNFIELDS
29405	S105736150		MARTIN MARIETTA MATERIALS INC SITE	VIRGINIA AVE	**	NORTH CHARLESTO	SC	VCP, ALLSITES, SHWS
29405	1007259886	110017329648	SC DEPT OF TRANSPORTATION	VIRGINIA AVE & MONTAGUE AVE		CHARLESTON	SC	FINDS
29405	94395514		VIRGINIA AVE AT THE RAMP TO HWY 526	VIRGINIA AVE AT THE RAMP TO HWY 526	**	NORTH CHARLESTON	SC	ERNS
29405	U003523885	14997	NORFOLK SOUTHERN CORP	WALNUT / LANCASTER ST		CHESTER	SC	LUST, UST
29405	1007835980	110019999698	WILCO LLC	4601 WITHERS DR		CHARLESTON	SC	FINDS
29407	952948950				**	CHARLESTON	SC	ERNS
29407	95297405				**	CHARLESTON	SC	ERNS
29407	1009728909	110026323039	ALBEMARLE ELEMENTARY SCHOOL		**	CHARLESTON	SC	FINDS
29407	1009709231	110026001047	SAINT ANDREWS ELEMENTARY SCHOOL		**	CHARLESTON	SC	FINDS
29407	1009665961	110025512032	BLESSED SACRAMENT SCHOOL		**	CHARLESTON	SC	FINDS
29407	952948951				**	CHARLESTON	SC	ERNS
29407	1009645065				**	CHARLESTON	SC	DOT OPS
29407	1009646422				**		SC	DOT OPS
29407	1009760905	110026778164	PORTER GAUD SCHOOL		**	CHARLESTON	SC	FINDS
29407	1008897899	110022814123	BROWDER TRUST PROPERTY	1343 / 1345 ASHLEY RIVER RD	**	CHARLESTON	SC	SHWS, FINDS
29407	1007231998	110017032913	REYNOLDS 66	HWY 162 / 17	**	CHARLESTON	SC	FINDS, LUST
29407	U004017922	1613	REYNOLDS 66	HWY 162 / 17	**	CHARLESTON	SC	GWCI, UST
29407	U003520164	14355	CHARLESTON CITY OF	1352 HWY 171		CHARLESTON	SC	GWCI, LUST, UST
29407	1000386762	110002330807	PRESSING CLUB CLEANERS INCORPORA	1664 HWY 171		CHARLESTON	SC	RCRAInfo-SQG, FINDS
29407	1007227660	110016988189	CHIROPRACTIC HEALTHCARE OF CHARL	1692 HWY 171		CHARLESTON	SC	FINDS
29407	1007235512	110017069358	DENISE M MOSIMANN	1712 HWY 171		CHARLESTON	SC	FINDS
29407	1007241860	110017135571	CHARLESTON MARINE COAL TERMINALS	NO 4 CARRIAGE LN STE 205		CHARLESTON	SC	FINDS
29407	1007236166	110017076224	MIDDLETON 2	RT 4 CHARLESTON	**	CHARLESTON	SC	FINDS
29407	U004017504	1380	WALLYS TEXACO	2376 HWY 61	**	PIERPONT	SC	GWCI, UST
29407	1007237717	110017092420	WALLYS TEXACO	2376 HWY 61	**	PIERPONT	SC	FINDS, LUST
29407	1000575805	110002330790	TRULUCK CONSTRUCTION ASPHALT PLT	3463 HIGHWAY 61		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U004017585	14230	PARKER LINCOLN MERCURY	1200 HWY 7		CHARLESTON	SC	UST
29407	S106194715	14230	PARKER LINCOLN MERCURY	1200 HWY 7		CHARLESTON	SC	LUST
29407	1000268960	110008870659	PARKER LINCOLN MERCURY	1200 HWY 7		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1000576024	110007836752	AMOCO OIL SS#6213	1301 HWY 7 & ASHLEY PLAZA MALL		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U003526578	12987	WESTERN AUTO	1630 HWY 7		CHARLESTON	SC	LUST, UST
29407	1007232351	110017036544	WESTERN AUTO	1630 HWY 7		CHARLESTON	SC	FINDS
29407	U004017623	1446	DERST BAKING CO	1731 HWY 7		CHARLESTON	SC	GWCI, UST
29407	1007229416	110017006256	DERST BAKING CO	1731 HWY 7		CHARLESTON	SC	FINDS, LUST
29407	1004780172	110002330898	CAROLINA TIRE COMPANY	1754 HIGHWAY 7		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1000201422	110002330834	MEREDITHS PAINT AND BODY SHOP	1893 HIGHWAY 7		CHARLESTON	SC	RCRAInfo-SQG, FINDS
29407	1007240683	110017123307	JOE FORD CONSTRUCTION CO INC	1942 HWY 7		CHARLESTON	SC	FINDS
29407	1000177951	110002330932	AAMCO TRANSMISSION	HWY 7 1930		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1009647262			N ADGERS WHARF AND CONCORD ST.	**	CHARLESTON	SC	DOT OPS
29407	1007231084	110017023567	BONITZ CONTRACTING COMPANY	230 ALBEMARLE POINT ROAD	**	CHARLESTON	SC	FINDS
29407	1007256670	110017296040	PORTER GAUD SCHOOL	300 ALBEMARLE RD		CHARLESTON	SC	FINDS, LUST
29407	U003524393	9527	PORTER GAUD SCHOOL	300 ALBEMARLE RD		CHARLESTON	SC	UST
29407	1004594211		TRULUCK POOL CO	1014 ST. ANDREWS BLVD		CHARLESTON	SC	SSTS
29407	1005438373		TRULUCK PERSONALIZED POOLS	1014 ST. ANDREWS BLVD.		CHARLESTON	SC	SSTS
29407	U003521459	17389	FORMER SHOKES AMOCO	1020 ST ANDREWS BLVD		CHARLESTON	SC	LUST, UST
29407	1007231788	110017030764	FORMER SHOKES AMOCO	1020 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	U003526512	14426	WASHINGTON ENTERPRISES	1117 ST ANDREWS BLVD		CHARLESTON	SC	LUST, UST
29407	1007232474	110017037785	WASHINGTON ENTERPRISES	1117 ST ANDREWS BLVD	**	CHARLESTON	SC	FINDS
29407	U004017559	1410	IN & OUT CAR WASH	477 ST ANDREWS BLVD		CHARLESTON	SC	UST
29407	1007237754	110017092796	IN & OUT CAR WASH	477 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007238213	110017097452	SCOTCHMAN 122	641 ST ANDREWS BLVD		CHARLESTON	SC	FINDS, LUST
29407	U004018088	1718	SCOTCHMAN 122	641 ST ANDREWS BLVD		CHARLESTON	SC	GWCI, UST
29407	1007247725	110017196425	LIL CRICKET 304	642 ST ANDREWS RD		CHARLESTON	SC	RCR, FINDS
29407	U004016966	10360	LIL CRICKET 864	642 ST ANDREWS RD		CHARLESTON	SC	GWCI, UST
29407	1007234144	110017055167	WEST ASHLEY VETERINARY CLINIC	648 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007237044	110017085170	EDMUND L KARESH DMD PC	651 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007231570	110017028517	FORMER SHELL STATION	654 ST ANDREWS BLVD		CHARLESTON	SC	RCR, FINDS
29407	U003521458	14038	FORMER SHELL STATION	654 ST ANDREWS BLVD		CHARLESTON	SC	GWCI, LUST, UST
29407	1007256978	110017299190	WILLIAM FOURNIER DDS	675 ST ANDREWS BLVD		CHARLESTON	SC	FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
29407	1007237579	110017090985	NICHOLAS A STRANEY DPM	701 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007240385	110017120159	PALMETTO ORTHODONTICS & TMJ INC	712 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007836205	110020001950	BREURE CHIROPRACTIC CENTER	720 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007241889	110017135866	WEST ASHLEY CHIROPRACTIC CENTER I	720 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007835287	110019992775	ADVANCE HOMEBUILDERS INC	723 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007240671	110017123183	WANDO POINT PARTNERS LLC	723-A ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007228824	110017000154	JOHN W CORDRAY JR DMD	753 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007835749	110019997397	INDIAN MOUND TRUST	756 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007241824	110017135205	RICHARDSON PROSTHETIC DENTISTRY	765 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007260014	110017330967	DENNIS P GAZES DMD PA	769 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007234135	110017055078	LAUREN B DAVIS DMD	776 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007239928	110017115236	MAJIK MARKET 72820	817 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	U004017648	1460	MAJIK MARKET 72820	817 ST ANDREWS BLVD		CHARLESTON	SC	UST
29407	1007246882	110017187792	TERMINIX SERVICE INC	818 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	U003525818	18007	TERMINIX SERVICE INC	818 ST ANDREWS BLVD		CHARLESTON	SC	LUST, UST
29407	1007228323	110016995073	HORRES VET CLINIC	828 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	1007237675	110017092000	HESS STATION 40225	853 ST ANDREWS BLVD		CHARLESTON	SC	RCR, FINDS, LUST
29407	U004017761	1527	HESS STATION 40225	853 ST ANDREWS BLVD		CHARLESTON	SC	GWCI, UST
29407	1012095140	110038808608	ABC AWNING VENETIAN BLIND-CLOSED	858 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	U003520963	10505	E Z SERVE 8428	903 ST ANDREWS BLVD		CHARLESTON	SC	GWCI, LUST, UST
29407	1007234622	110017060026	E Z SERVE 8428	903 ST ANDREWS BLVD		CHARLESTON	SC	FINDS
29407	U004117043		PANTRY 3694 DBA KANGAROO EXPRESS	904 ST ANDREWS BLVD		CHARLESTON	SC	UST
29407	1007225818	110016969146	ST ANDREWS BLVD PROPERTY	933 ST ANDREWS BLVD		CHARLESTON	SC	FINDS, LUST
29407	U003930635	18949	ST ANDREWS BLVD PROPERTY	933 ST ANDREWS BLVD		CHARLESTON	SC	GWCI, UST
29407	1007237797	110017093232	STIER KENT & CANADY	948 ST ANDREWS BLVD		CHARLESTON	SC	FINDS, LUST
29407	U004017582	1422	STIER KENT & CANADY	948 ST ANDREWS BLVD		CHARLESTON	SC	UST
29407	1007225414	110016965024	WENDELL S JOHNSON DDS	915 ST ANDREWSBLVD	**	CHARLESTON	SC	FINDS
29407	1007235926	110017073655	FORD BROTHERS CONSTRUCTION CO LF	1369 1/2 ASHELY RIVER RD	**	CHARLESTON	SC	FINDS
29407	1007243079	110017148380	BEN PETERS BRICK INC	1123 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	U003519305	14011	BEN PETERS BRICK INC	1123 ASHLEY RIVER RD		CHARLESTON	SC	LUST, UST
29407	1007257816	110017307966	SEGARS DENTAL ASSOCIATES INC	1123 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	U001540240	15357	EXXON FOOD SHOP	1186 ASHLEY RIVER RD		CHARLESTON	SC	UST
29407	U004144792		CHRISTIAN EXXON 46763	1186 ASHLEY RIVER RD		CHARLESTON	SC	UST
29407	1007245692	110017175581	EXXON FOOD SHOP	1186 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007236740	110017082048	BUNCHS EXXON 40508	1205 W ASHLEY RIVER	**	CHARLESTON	SC	RCR, FINDS, LUST
29407	U003714746	1335	BUNCHS EXXON 40508	1205 W ASHLEY RIVER		CHARLESTON	SC	GWCI, UST
29407	1007235403	110017068215	NBR-16	1313 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1001216133	110002258609	CLOROX SERVICES CO	1313 ASHLEY RIVER RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007236888	110017083564	MICHAEL J ENGEL DMD	1318 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1005624449	110011731554	DICK LUKE COMPANY	1321 ASHLEY RIVER ROAD		CHARLESTON	SC	FTTS, FINDS
29407	1007241973	110017136712	PERFORMANCE CHIROPRACTIC	1322 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007236113	110017075653	SKY INC	1381 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1009401826		ST ANDREWS GARDENS APARTMENTS 1	1385 ASHLEY RIVER ROAD 42A		CHARLESTON	SC	FTTS
29407	1010047346	110028161496	ST ANDREWS GARDEN APARTMENTS 1	1385 ASHLEY RIVER ROAD 42A		CHARLESTON	SC	FINDS
29407	1007240619	110017122647	BEES RESOURCES LP	1412 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007836068	110020000586	WANDO RESERVE LLC	1412 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007227688	110016988474	ATLANTIC AESTHETICS & RECONSTRUCT	1416 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007243251	110017150152	FREEMAN MECHANICAL INC	1500 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007837296	110020012877	CORBETT PROPERTIES LLC	1518 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007258054	110017310471	COMPLETE BUILDING CORPORATION	1525 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	U004017471	1314	ANSON CONSTRUCTION CO INC	1533 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, UST
29407	1007227889	110016990504	ANSON CONSTRUCTION CO INC	1533 ASHLEY RIVER RD		CHARLESTON	SC	FINDS, LUST
29407	1007239707	110017112952	LANDSCAPE PAVERS LTD	1537 ASHLEY RIVER RD		CHARLESTON	SC	FINDS, LUST
29407	U004018197	1791	LANDSCAPE PAVERS LTD	1537 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, UST
29407	U003524089	15493	PALMETTO OFFICE PARK	1548 ASHLEY RIVER RD		CHARLESTON	SC	UST
29407	1007241818	110017135143	FIRST CHARLESTON EQUITIES	1548 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007231955	110017032469	PALMETTO OFFICE PARK	1548 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007240334	110017119642	STEWART MIDDLETON DDS	1605-B ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007234366	110017057414	CAROLINA CENTER OF GYN/ ONCOLOGY	1606 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	U004017512	1385	DOSHERS FOOD STORES	1622 ASHLEY HALL RD		CHARLESTON	SC	UST
29407	1007237715	110017092402	DOSHERS FOOD STORES	1622 ASHLEY HALL RD		CHARLESTON	SC	FINDS
29407	1007236872	110017083403	NATIONAL ALLERGY ASTHMA & URTICAR	172 ASHLEY AVE		CHARLESTON	SC	FINDS
29407	U004017855	1578	CIRCLE K 8107	1738 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, UST
29407	1007259999	110017330805	CIRCLE K 8107	1738 ASHLEY RIVER RD		CHARLESTON	SC	RCR, FINDS, LUST
29407	1007837729	110020017202	WINSOR SOUTH LLC	1755 ASHLEY HALL RD B-6		CHARLESTON	SC	FINDS
29407	1007244204	110017159974	O&E FOOD MART	1756 ASHLEY RIVER RD		CHARLESTON	SC	FINDS, LUST
29407	U004017724	1508	O&E FOOD MART	1756 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, UST
29407	1007238198	110017097309	ST ANDREWS PUB SERV DIST COMM	1775 ASHLEY RIVER RD		CHARLESTON	SC	FINDS, LUST
29407	U004018221	1804	ST ANDREWS PUBLIC SERVICE DISTRICT	1775 ASHLEY RIVER RD		CHARLESTON	SC	UST
29407	U003619558	11189	HESS STATION 40260	1828 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, LUST, UST
29407	U003558353	1361	PORT UNIT 2	1828 ASHLEY RIVER RD		CHARLESTON	SC	UST

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29407	1007243438	110017152123	PORT UNIT 2	1828 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007246082	110017179532	HESS STATION 40260	1828 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1007257948	110017309296	CROSSROADS CHIROPRACTIC CENTER	1836 ASHLEY RIVER RD STE H		CHARLESTON	SC	FINDS
29407	1007232207	110017035046	SUNOCO 0615-6186/COOP2632	1880 ASHLEY RIVER RD		CHARLESTON	SC	RCR, FINDS
29407	U003619519	10888	SUNOCO 0615 6186 COOP2632	1880 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, LUST, UST
29407	1007836038	110020000283	RAINBOW DEVELOPMENT	1901 ASHLEY RIVER RD STE 7B		CHARLESTON	SC	FINDS
29407	1007224154	110016951869	WEST ASHLEY DENTAL ASSOCIATES	1916 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	U004018305	1854	FREEMAN MECHANICAL INC	1954 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, LUST, UST
29407	1006811515	110014441256	DRYCLEAN WORLD	1954B ASHLEY RIVER RD		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007225709	110016968021	MCKOOL LIFETIME CHIROPRACTIC	1954D ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1004780247	110002254818	KINGS VALET	1970 EAST ASHLEY RIVER ROAD		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	U003519528	1376	BP OIL CO 46673	1980 ASHLEY RD		CHARLESTON	SC	GWCI, LUST, UST
29407	1012097545	110038772628	PANTRY,THE #596 - CLOSED	1980 ASHLEY RIVER RD		CHARLESTON	SC	FINDS
29407	1004780550	SCD987582509	BP OIL-SITE #46673	1980 ASHLEY RIVER ROAD		CHARLESTON	SC	RCRA-NonGen
29407	1007239367	110017109378	BP OIL CO 46673	1980 ASHLEY RIVER ROAD		CHARLESTON	SC	FINDS
29407	1004780680	110002197177	SIMONS BALANCING & MACHINE WKS	1987 ASHLEY RIVER RD		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007246322	110017181967	FORMER EXXON STATION	2004 ASHLEY RIVER RD		CHARLESTON	SC	RCR, FINDS
29407	1000117448	110002254499	ONE HOUR VALET	2004 ASHLEY RIVER RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U004017636	14530	FORMER EXXON STATION	2004 ASHLEY RIVER RD		CHARLESTON	SC	GWCI, UST
29407	S105684886	14530	FORMER EXXON STATION	2004 ASHLEY RIVER RD		CHARLESTON	SC	LUST
29407	U004017939	1624	FORMER OASIS BOB PATRICK	2495 ASHLEY RIVER RD WOODLAND	**	CHARLESTON	SC	GWCI, UST
29407	1007226612	110016977501	FORMER OASIS BOB PATRICK	2495 ASHLEY RIVER RD WOODLAND		CHARLESTON	SC	FINDS, LUST
29407	1004781231	110004943358	COSTCO WHOLESALE 360	3050 ASHLEY TOWN CTR DR		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	U003620583	10819	RIPLEY LIGHT DRY STOCK MARINA	56 ASHLEY POINT DR		CHARLESTON	SC	UST
29407	1007836150	110020001406	RIPLEY LIGHT MARINA 2	56 ASHLEY POINT DR		CHARLESTON	SC	FINDS
29407	1007231630	110017029124	RIPLEY LIGHT DRY STOCK MARINA	56 ASHLEY POINT DR		CHARLESTON	SC	FINDS, LUST
29407	U003975702	19046	RIPLEY LIGHT MARINA 2	56 ASHLEY POINT DR		CHARLESTON	SC	UST
29407	2007320859		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2007314600		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2007312673		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2007319686		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2008872428		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2003657000		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	99653933		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2008871801		56 ASHLEY POINT DRIVE	56 ASHLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	99645122		56 ASHLEY POINT DRIVE ACROSS FROM	56 ASHLEY POINT DRIVE ACROSS FROM		CHARLESTON	SC	ERNS
29407	98454884		56 ASHLEY POINTE DRIVE	56 ASHLEY POINTE DRIVE		CHARLESTON	SC	ERNS
29407	1007269258		ASHLEY OAKS APARTMENTS	78 ASHLEY HALL PLANTATION ROAD		CHARLESTON	SC	FTTS
29407	1009510189		ASHLEY OAKS APARTMENTS	78 ASHLEY HALL PLANTATION ROAD		CHARLESTON	SC	FTTS
29407	1000279348	110007835502	DOYLE PAINTING CONTRACTORS INC	ASHLEY RIVER BRIDGE	**	CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007828839	110019928211	MAGNOLIA PLANTATION	ASHLEY RIVER RD	**	WEST ASHLEY	SC	FINDS
29407	1007259725	110017327953	JAMES SIMMONS DEMOLITION	917 5TH AVE		CHARLESTON	SC	FINDS
29407	1007241084	110017127483	RICHARD A DAY DMD CHARLESTON	342 E BAY ST		CHARLESTON	SC	FINDS
29407	1001030652	110000353377	SHELIAS INCORPORATED	1856 BELGRADE AVE.		CHARLESTON	SC	FINDS
29407	1004780501	110002255318	SIGNATURE COLLISION SPECIALIST	1905 BELGRADE AVE HWY 7	**	CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007232319	110017036223	MERRITT PROPERTY	1929 BELGRADE AVE		CHARLESTON	SC	FINDS
29407	U003621165	15545	MERRITT PROPERTY	1929 BELGRADE AVE		CHARLESTON	SC	LUST, UST
29407	U004017969	16460	JAMES A MERRITT & SON INC	1929 BELGRADE AVE		CHARLESTON	SC	UST
29407	1004780909	110002255149	GARYS PAINT & BODY SHOP INC	1935 BELGRADE AVE		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1000440979	110002255201	FENDER MENDER OF WEST ASHLEY INC(	1957 BELGRADE AVE		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007116180	SCR000001032	SHELIAS COLLECTIBLES	1856 BELGRANDE AVE BLDG C		CHARLESTON	SC	RCRA-NonGen
29407	1007237431	110017089372	JAMES ISLAND SHOP CENTER WW EQUIF	PO BOX 10447	**	CHARLESTON	SC	FINDS
29407	1007234249	110017056219	ST ANDREWS PUBLIC SERVICE DISTRICT	PO BOX 30305	**	CHARLESTON	SC	FINDS
29407	1007234186	110017055586	A V E CONSTRUCTION CO INC	PO BOX 30422	**	CHARLESTON	SC	FINDS
29407	1007227736	110016988964	BAYCORP INC	PO BOX 30422	**	CHARLESTON	SC	FINDS
29407	1007258556	110017315911	OAKCREST SD OAKCREST UTIL	PO BOX 31301	**	CHARLESTON	SC	FINDS
29407	1007234252	110017056246	SEABROOK ISLAND COMPANY	PO BOX 32099	**	CHARLESTON	SC	FINDS
29407	1007241798	110017134929	SEABROK ISLAND PROPERTY OWNERS A	PO BOX 32099	**	CHARLESTON	SC	FINDS
29407	1012092524	110038767689	RHODES,CC LUMBER CO	PO BOX 3315	**	CHARLESTON	SC	FINDS
29407	1007234842	110017062293	KOPPERS CO FED SERVE	BRASWELL ST	**	CHARLESTON	SC	FINDS
29407	1011499401		KOPPERS CO FED SERVE	BRASWELL ST CHARLESTON SC 29407	**	CHARLESTON	SC	ICIS
29407	1000835505	110002197097	WORLD WIND MARINE REFRIGERATION	46 BRIARCLIFF DR		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007258299	110017313209	JAMES B & DORIS D LAISEY	23 BROUGHTON RD		CHARLESTON	SC	FINDS
29407	1007259400	110017324554	ASHFORT CORPORATION	CALIFORNIA DREAMING RESTAURANT &	**	CHARLESTON	SC	FINDS
29407	1007248203	110017201366	RAINBOW DEVELOPMENT LLC	#1 CARRIAGE LN BLDG B STE 101		CHARLESTON	SC	FINDS
29407	1007837511	110020015026	HOPE PLANTATION DEV LLC	1 CARRIAGE LN		CHARLESTON	SC	FINDS
29407	1007238429	110017099655	ALPHA MEDICAL & SPINE CARE	2 CARRIAGE LN		CHARLESTON	SC	FINDS
29407	1007228781	110016999701	HAROLD R NICOLETTE DO PA	6 CARRIAGE LN STE B		CHARLESTON	SC	FINDS
29407	1011293959	110036470887	ST ANDREWS MATH AND SCIENCE	30 CHADWICK DRIVE		CHARLESTON	SC	FINDS
29407	1004780361	110002197783	DIXIE WATERPROOFING CO. INC.	#5 CHAPLIN LANDING ROAD	**	CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007836633	110020006198	CHARLESTON MENTAL HEALTH CENTER	CHARLIE HALL BLVD	**	CHARLESTON	SC	FINDS

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ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
29407	U004018147	1752	COBURG DAIRY INC	175 COBURG RD		CHARLESTON	SC	GWCI, UST
29407	U003930521	1752	COBURG DAIRY INC	175 COBURG RD		CHARLESTON	SC	LUST
29407	1007833288	110019972760	ST ANDREWS PARISH LLC	175 COBURG RD		CHARLESTON	SC	FINDS
29407	U003522895	13194	KEATING ROOFING & INSULATION CO	36 COBURG RD		CHARLESTON	SC	LUST, UST
29407	1007248228	110017201614	KEATING ROOFING & INSULATION CO	36 COBURG RD		CHARLESTON	SC	FINDS
29407	1012099314	110038772307	COBURG DAIRY COBURG ROAD-CLOSED	COBURG RD	**	CHARLESTON	SC	FINDS
29407	1004594031	110010640057	CHARLESTON NAVAL SHIPYARD	CODE 460 COOPER RIVER	**	CHARLESTON	SC	FINDS
29407	1011520748		CHARLESTON NAVAL SHIPYARD	CODE 460 COOPER RIVER CHARLESTO	**	CHARLESTON	SC	ICIS
29407	1007835652	110019996423	BULLS CREEK LLC	209 COLLINGWOOD AVE		CHARLESTON	SC	FINDS
29407	94370625		COOPER RIVER	COOPER RIVER	**	CHARLESTON	SC	ERNS
29407	1007123279	110015747575	BUSINESS TELECOM, INC. (BTI)	176 CROGHAM SPUR ROAD, 2ND FLOOR	**	CHARLESTON	SC	FINDS
29407	1011623137		BUSINESS TELECOM, INC. (BTI)	176 CROGHAM SPUR ROAD, 2ND FLOOR	**	CHARLESTON	SC	ICIS
29407	1007837639	110020016301	SUMMERVILLE LAND CORPORATION	176 CROGHAN SPUR	**	CHARLESTON	SC	FINDS
29407	1007225830	110016969262	LARRY & DELMAR STAYROOK	217 CULVER AVE		CHARLESTON	SC	FINDS
29407	1007835906	110019998966	WHITFIELD COMPANY	1865 DORCHESTER RD	**	CHARLESTON	SC	FINDS
29407	1012099630	110038772520	PIGGLY WIGGLY # 2-CLOSED	5060 DORCHESTER RD	**	CHARLESTON	SC	FINDS
29407	1005791171	110002188276	DOR TOWNE APTS	DORTOWN APTS 1939 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007235406	110017068242	JAMES A SEAY JR PALMETTO COUNTING	1416 DREXELL DR		CHARLESTON	SC	FINDS
29407	97415002		DROPPED A FEW LARGE CAPICITORS INT	DROPPED A FEW LARGE CAPICITORS INT	**	CHARLESTON	SC	ERNS
29407	1007257293	110017302603	SCOTT & CINDY LENGER	1807 DUNBARTON DR		CHARLESTON	SC	FINDS
29407	1000191853	110002197266	SHADOW MOSS PLANTATION	20 DUNVEGAN DR		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U003930430	1652	BUDGET CAR & TRUCK RENTAL	635 DUPONT RD		CHARLESTON	SC	UST
29407	1007229771	110017009887	BUDGET CAR & TRUCK RENTAL	635 DUPONT RD		CHARLESTON	SC	FINDS, LUST
29407	1007231348	110017026252	FUEL EXPRESS	707 DUPONT RD		CHARLESTON	SC	FINDS
29407	U003620573	10769	FUEL EXPRESS	707 DUPONT RD		CHARLESTON	SC	GWCI, LUST, UST
29407	1012086348	110038431113	ENERGEN OF CAROLINA, INC.	834 DUPONT ROAD		CHARLESTON	SC	FINDS
29407	1007240093	110017117038	L ROBERT AND MARY ANN CHITWOOD	120 E EDGEWATER DR		CHARLESTON	SC	FINDS
29407	99637278		1441 S EDGEWATER DR	1441 S EDGEWATER DR		CHARLESTON	SC	ERNS
29407	1007235384	110017068019	HENRY B HARGROVE	1483 S EDGEWATER DR		CHARLESTON	SC	FINDS
29407	1005851063	110008561403	EME APARTMENTS INC	EME APT INC CENTRAL PARK RD	**	CHARLESTON	SC	FINDS
29407	1004592856	110011928110	KINDER CARE LEARNING CENTER	17 FAIRFIELD AVENUE	**	CHARLESTON	SC	FINDS
29407	1007241442	110017131192	LOW COUNTRY NUCLEAR MEDICINE LLC	FAIRFIELD PK STE 204	**	CHARLESTON	SC	FINDS
29407	1007226577	110016977146	LOW COUNTRY OB-GYN	10-A FARMFIELD DR		CHARLESTON	SC	FINDS
29407	1007241080	110017127447	BESTCARE DIAGNOSTICS	10-B FARMFIELD AVE		CHARLESTON	SC	FINDS
29407	1007239845	110017114371	RAYMOND KASSIS DDS PA	10-D FARMFIELD AVENUE STE D		CHARLESTON	SC	FINDS
29407	1007257707	110017306832	R CARY BOCKLET DMD MS	12-D FARMFIELD AVE		CHARLESTON	SC	FINDS
29407	1007224116	110016951486	TRICOUNTY RADIOLOGY ASSOCIATES - F	14 C FARMFIELD RD	**	CHARLESTON	SC	FINDS
29407	1007225417	110016965051	RHEUMATOLOGY ASSOCIATES PA	14-E FARMFIELD AVE		CHARLESTON	SC	FINDS
29407	1007257937	110017309189	FARMFIELD SCREENING MAMMO	16 FARMFIELD AVE STE B		CHARLESTON	SC	FINDS
29407	1007259334	110017323886	SOUTHEAST ENDODONTICS PC	16-A FARMFIELD AVE		CHARLESTON	SC	FINDS
29407	1007257472	110017304460	ROPER WEST ASHLEY SURGERY CENTEI	18 FARMFIELD AVE		CHARLESTON	SC	FINDS
29407	1001030622	110002197480	LABORATORY CORP OF AMERICA HOLDII	8 FARMFIELD AVENUE		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007224146	110016951789	DEWEY E JOHNSON DDS	112 FOLLY RD		CHARLESTON	SC	FINDS
29407	1007243249	110017150134	ASHLEY TIRE & BATTERY	25 FOLLY RD / ALBEMARLE	**	CHARLESTON	SC	FINDS, LUST
29407	U003878950	1888	ASHLEY TIRE & BATTERY	25 FOLLY RD / ALBEMARLE	**	CHARLESTON	SC	GWCI, UST
29407	1007257804	110017307840	BENNETT CHIROPRACTIC	35 FOLLY RD		CHARLESTON	SC	FINDS
29407	1007229448	110017006586	WICKES LUMBER	35 FOLLY RD / ALBEMARLE RD		CHARLESTON	SC	FINDS, LUST
29407	U004017671	1479	WICKES LUMBER	35 FOLLY RD & ALBEMARLE RD	**	CHARLESTON	SC	UST
29407	1007228746	110016999355	PALMETTO PET SERVICES INC	44 FOLLY RD BLVD		CHARLESTON	SC	FINDS
29407	1007229244	110017004463	LOW COUNTRY DIAGNOSTICS INC	44 FOLLY RD BLVD STE A		CHARLESTON	SC	FINDS
29407	1004780065	110002253695	TURKEYS TOWING	70 FOLLY RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1000270139	SCD092759067	TURKEYS TOWING	70 FOLLY RD		CHARLESTON	SC	RCRA-NonGen
29407	1012092527	110038767741	SOUTH WINDERMERE BAKERY-CLOSED	88 FOLLY RD	**	CHARLESTON	SC	FINDS
29407	1007240034	110017116388	FORMOSA LAND CO INC	21 FORMOSA DR		CHARLESTON	SC	FINDS
29407	1007259848	110017329247	DENNIS J FISHER MD PA	21 GAMECOCK AVE		CHARLESTON	SC	FINDS
29407	1007224136	110016951681	SUZANNE D HARDWICKE DMD	3 GAMECOCK AVE STE 302		CHARLESTON	SC	FINDS
29407	1007257699	110017306752	HARRIET REAVIS DMD	3 GAMECOCK AVE STE 303		CHARLESTON	SC	FINDS
29407	1007224120	110016951529	JOHN F RINK JR DDS	33 C GAMECOCK AVE	**	CHARLESTON	SC	FINDS
29407	1007259202	110017322556	RESTORATIVE DENTISTRY ASSOCIATES	33 GAMECOCK AVE		CHARLESTON	SC	FINDS
29407	1007246697	110017185892	PERIODONTAL ASSOCIATES	33 GAMECOCK AVE		CHARLESTON	SC	FINDS
29407	1007835742	110019997324	BAYSOUTH REALTY INC	7 GAMECOCK AVE		CHARLESTON	SC	FINDS
29407	1007834617	110019986078	CHADBURY LLC	7 GAMECOCK AVE		CHARLESTON	SC	FINDS
29407	1007241813	110017135072	STONECREEK HOME OWNER S ASSOC	7 GAMECOCK AVE STE 700		CHARLESTON	SC	FINDS
29407	1007234394	110017057717	SAL PROPERTIES INC	7 GAMECOCK AVE STE 709		CHARLESTON	SC	FINDS
29407	1007835224	110019992141	KAE INVESTMENTS INC	7 GAMECOCKS AVE		CHARLESTON	SC	FINDS
29407	1008254502	110021473396	STONO PARK EL	1699 GARDEN ST		CHARLESTON	SC	FINDS
29407	1007257714	110017306903	CHARLESTON PERIODONTICS PA	1051 GARDNER RD		CHARLESTON	SC	FINDS
29407	1007257718	110017306949	LOW COUNTRY ORAL SURGEONS GARDI	1051 GARDNER RD		CHARLESTON	SC	FINDS
29407	1007256977	110017299181	STONE FAMILY DENTISTRY INC	1051 GARDNER RD		CHARLESTON	SC	FINDS
29407	1007224148	110016951805	R EDWARD HUDGENS III DMD	1051 GARDNER RD		CHARLESTON	SC	FINDS
29407	1007236889	110017083573	DONALD W MCVICKER DMD PA	1064 GARDNER LANE STE 103		CHARLESTON	SC	FINDS

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29407	1007233997	110017053668	JOHN B GOOLSBY DMD	1064 GARDNER RD		CHARLESTON	SC	FINDS
29407	1001216141	110002199718	GULF & ATLANTIC MARITIME SERVICES	1064 GARDNER RD SUITE 313		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007225410	110016964980	MICHAEL L RUNEY III DMD PA	1064 GARDNER ROAD STE 202		CHARLESTON	SC	FINDS
29407	1007235006	110017064031	T P BERRY AND SONS CONSTRUCTION	454 GEDDES AVENUE		CHARLESTON	SC	FINDS
29407	1000164423	110002197541	HARBORVIEW OHM	1015 HARBORVIEW RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1000707267	110009261912	STOLLER CHEMICAL CO. - CHARLESTON	U.S. HIGHWAY 17		CHARLESTON	SC	GWCI, CERCLIS, RCRA-NonGen, SHWS, FINDS
29407	1011594411		STOLLER CHEMICAL CO. - CHARLESTON	U.S. HIGHWAY 17 U.S. HIGHWAY 17 CHA	**	CHARLESTON	SC	ICIS
29407	1007240114	110017117243	WATERWAY SOUTH OWNER S ASSOCIAT	HILL STONE COMPANY INC C/O MS DIANE	**	CHARLESTON	SC	FINDS
29407	1007833786	110019977765	CARNES GROVE DEVELOPMENT INC	80 INDIGO POINT DR		CHARLESTON	SC	FINDS
29407	1007120467	110016702120	CATHOLIC DIOCESE OF CHARLESTON	1662 INGRAM STREET		CHARLESTON	SC	FTTS, FINDS
29407	1007225470	110016965612	CHARLES TOWNE LANDING	JANSON L COX MANAGING DIRECTOR	**	CHARLESTON	SC	FINDS
29407	1004781082	110002184948	COASTAL PATHOLOGY LABORATORIES	1128 LANGO RD		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007829495	110019934847	FAIRMONT PINES LLC	29 LEIBACH DR STE A-2	**	CHARLESTON	SC	FINDS
29407	1007240389	110017120195	ROBERT L MORROW DMD	18-A LEINBACH DR		CHARLESTON	SC	FINDS
29407	1007834611	110019986005	CDS DEVELOPMENT LLC	2 LORD CALVERT DR		CHARLESTON	SC	FINDS
29407	U004023075	19191	GERALDS TIRES & BRAKES	1 MAGNOLIA RD		CHARLESTON	SC	UST
29407	U003521761	15321	GERALDS TIRES & BRAKES	1 MAGNOLIA RD		CHARLESTON	SC	GWCI, LUST, UST
29407	1007225159	110016962330	BRIGMAN FOOD DISTRIBUTORS INC	1105 MAGNOLIA RD		CHARLESTON	SC	FINDS, LUST
29407	U004017465	1310	BRIGMAN FOOD DISTRIBUTORS INC	1105 MAGNOLIA RD		CHARLESTON	SC	UST
29407	U003620518	10377	PANTRY 775	106 MAIN ST		JOHNS ISLAND	SC	UST
29407	1007241880	110017135777	CHARLES E MCCROREY & CHARLES & PA	12 MANCHESTER RD		CHARLESTON	SC	FINDS
29407	1007236374	110017078339	EARTH FARE MARKETS INC	1100 MARKET CENTRE BLVD	**	MT PLEASANT	SC	FINDS
29407	1007234109	110017054818	TRICOUNTY RADIOLOGY ASSOCIATES - M	44-A MARKFIELD RD		CHARLESTON	SC	FINDS
29407	1007241000	110017126634	CAROLINA HEALTH & REHAB	60 MARKFIELD DR STE 2		CHARLESTON	SC	FINDS
29407	1007225363	110016964472	CHARLESTON PODIATRY PA	60 MARKFIELD DRIVE STE 3		CHARLESTON	SC	FINDS
29407	1000131313	110009345306	FED SERV, INC.	MILFORD ROAD	107, SSE, 1/2 - 1	CHARLESTON	SC	CERCLIS, RCRA-NonGen, SHWS, FINDS
29407	1004780736	110002314068	HENRYS TRANSMISSION & TOWING	6963 MOBERRY RD		RAVENEL	SC	RCRA-CESQG, FINDS
29407	1007239681	110017112676	BUDGET RENT A CAR	1144 MORRISON DR		CHARLESTON	SC	FINDS
29407	2002632046		3427 WEST MOTGUN AVENUE	3427 WEST MOTGUN AVENUE	**	NORTH CHARLESTON	SC	ERNS
29407	1007256885	110017298217	JAMES J RICHART DMD	1164-A NORTHBRIDGE AVE		CHARLESTON	SC	FINDS
29407	98459942		SOUTH OF MARKER 49 ON INTRACOATAL	SOUTH OF MARKER 49 ON INTRACOATAL	**	CHARLESTON	SC	ERNS
29407	1007229444	110017006531	PANTRY 3353 DBA QUICK STOP	1141 OLD TOWN RD		CHARLESTON	SC	FINDS, LUST
29407	U003878602	1483	PANTRY 3353 DBA QUICK STOP	1141 OLD TOWN RD		CHARLESTON	SC	GWCI, UST
29407	1008231692	110020998875	MCCOY CONSTRUCTION	1307 OLD TOWNE RD		CHARLESTON	SC	FINDS
29407	U004017654	1466	CHARLESTOWN LANDING	1500 OLD TOWN RD		CHARLESTON	SC	UST
29407	1005792429	110002311052	CHARLESTOWN LANDING	1500 OLD TOWN RD		CHARLESTON	SC	FINDS, LUST
29407	1007241797	110017134901	USN WEAPONS STATION ANNEX	OLD CHARLESTON ARMY DEPOT	**	CHARLESTON	SC	FINDS
29407	1006329435	110012710520	KEYSTONE CONCRETE SERVICES	OLD CHARLESTON ROAD	**	CHARLESTON	SC	FINDS
29407	U003518963	9585	AMERICAN MUTUAL FIRE INSURANCE CO	ONE SOUTHPARK CIR		CHARLESTON	SC	UST
29407	1007236884	110017083528	AMERICAN MUTUAL FIRE INSURANCE CO	ONE SOUTHPARK CIR	**	CHARLESTON	SC	FINDS
29407	1008254495	110021473261	ORANGE GROVE ELEMENTARY SCHOOL	1225 ORANGE BRANCH		CHARLESTON	SC	FINDS
29407	1011465349	110036041716	ORANGE GROVE CHARTER	1225 ORANGE BRANCH ROAD		CHARLESTON	SC	FINDS
29407	1007257592	110017305664	ANIMAL MEDICAL CLINIC WEST	704 ORLEANS RD		CHARLESTON	SC	FINDS
29407	1007255894	110017288040	ROSS FAMILY CHIROPRACTIC	874 ORLEANS RD		CHARLESTON	SC	FINDS
29407	94391474		PIER "D"	PIER "D"	**	CHARLESTON	SC	ERNS
29407	93329938		PIER G AT SHIPYARD	PIER G AT SHIPYARD	**	CHARLESTON	SC	ERNS
29407	94364720		PIER MIKE	PIER MIKE	**	CHARLESTON	SC	ERNS
29407	94377894		PIER R AND S	PIER R AND S	**	CHARLESTON	SC	ERNS
29407	94354463		PIER S	PIER S	**	CHARLESTON	SC	ERNS
29407	1007235148	110017065575	MCALHANY ROOFING	1564 S PINE BARK LN		CHARLESTON	SC	FINDS
29407	U004018140	1748	ST ANDREWS SERVICE CENTER INC	1554 N PINEBARK LN		CHARLESTON	SC	GWCI
29407	1005851706	110008554741	ASHLEY OAKS APARTMENTS	78 PLANTATION RD	**	CHARLESTON	SC	FINDS
29407	2008882327		95 RIPLEY POINT DR.	95 RIPLEY POINT DR.		CHARLESTON	SC	ERNS
29407	2008875075		95 RIPLEY POINT DR.	95 RIPLEY POINT DR.		CHARLESTON	SC	ERNS
29407	2008882106		95 RIPLEY POINT DR.	95 RIPLEY POINT DR.		CHARLESTON	SC	ERNS
29407	2008873030		95 RIPLEY POINT DR.	95 RIPLEY POINT DR.		CHARLESTON	SC	ERNS
29407	2008874461		95 RIPLEY POINT DRIVE	95 RIPLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2008869809		95 RIPLEY POINT DRIVE	95 RIPLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	2007311697		95 RIPLEY POINT DRIVE	95 RIPLEY POINT DRIVE		CHARLESTON	SC	ERNS
29407	1007228361	110016995457	H WAYNE AND ELIZABETH J WILLIAMS	165 RIVER BREEZE DR		CHARLESTON	SC	FINDS
29407	1007226010	110016971204	ROBERT SHAHID	ROBERT SHAHID	**	CHARLESTON	SC	FINDS
29407	1005852608	110006840482	TRULUCK CONSTRUCTION GIVHANS PIT	1014 SAINT ANDREWS BOULEVARD		CHARLESTON	SC	FINDS
29407	1010047344	110028161469	JUST RENTALS INC	748 A SAINT ANDREWS BLVD	**	CHARLESTON	SC	FINDS
29407	1009401538		JUST RENTALS, INC.	748 A SAINT ANDREWS BLVD.	**	CHARLESTON	SC	FTTS
29407	1007243739	110017155184	BOY SCOUTS OF AMERICA COASTAL COU	1025 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	1007244567	110017163870	CHARLESTON PAIN & REHABILITATION CI	1124 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	1000461900	110004941029	EXXON LOCATION 4-3463	1140 SAM RITTENBRG BLVD.		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007236738	110017082020	NORTHBRIDGE EXXON 43463	1140 SAM RITTENBURG BLVD		CHARLESTON	SC	RCR, FINDS, LUST
29407	U003619775	1337	NORTHBRIDGE EXXON 43463	1140 SAM RITTENBURG BLVD		CHARLESTON	SC	GWCI, UST

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29407	1000835475	110002254435	OLMSTEAD MOTOR CARS	1200 SAM RITTENBURG BLVD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007244209	110017160025	PANTRY 3358	1201 SAM RITTENBERG RD		CHARLESTON	SC	RCR, FINDS, LUST
29407	U004017595	1430	PANTRY 3358	1201 SAM RITTENBERG RD		CHARLESTON	SC	GWCI, UST
29407	U003665303	18129	FORMER WOOLCO FACILITY	1401 SAM RITTENBERG BLVD		CHARLESTON	SC	LUST, UST
29407	1007228515	110016997026	FORMER WOOLCO FACILITY	1401 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	1007228539	110016997268	IN & OUT CAR WASH 3 INC	1495 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	U003522459	18057	IN & OUT CAR WASH 3 INC	1495 SAM RITTENBERG BLVD		CHARLESTON	SC	LUST, UST
29407	1007834875	110019988655	ASHLEY HALL CHIROPRACTIC	1567 SAM RITTENBURG BLVD STE B		CHARLESTON	SC	FINDS
29407	1007236739	110017082039	LOVES EXXON 45055	1573 SAM RITTENBURG BLVD		CHARLESTON	SC	RCR, FINDS, LUST
29407	U003523264	1336	LOVES EXXON 45055	1573 SAM RITTENBURG BLVD		CHARLESTON	SC	GWCI, UST
29407	U004017624	14460	ORKIN PEST CONTROL	1591 SAM RITTENBURG BLVD		CHARLESTON	SC	GWCI, UST
29407	1007226857	110016979974	ORKIN PEST CONTROL	1591 SAM RITTENBURG BLVD		CHARLESTON	SC	FINDS
29407	1007257907	110017308876	ASHLEY RIVER ANIMAL HOSPITAL	1595 SAM RITTENBURG	**	CHARLESTON	SC	FINDS
29407	U004017765	1529	HESS STATION 40229	1602 SAM RITTENBERG HWY		CHARLESTON	SC	GWCI, UST
29407	1007244224	110017160196	HESS STATION 40229	1602 SAM RITTENBERG HWY		CHARLESTON	SC	FINDS, LUST
29407	1000117462	110002254462	ONE HOUR MARTINIZING CHARLES	1604 SAM RITTENBURG BLVD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007233955	110017053230	KATHLEEN S WINN DMD	1744-B SAM RITTENBURG BLVD		CHARLESTON	SC	FINDS
29407	1004781048	110002185340	ECONO LUBE N TUNE 284	1745 SAM RITTENBURG BLVD		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007245265	110017171139	HAVERTY FURNITURE CO	1760 SAM RITTENBURG RD	**	CHARLESTON	SC	FINDS
29407	U004018332	1874	HAVERTY FURNITURE CO	1760 SAM RITTENBURG RD	**	CHARLESTON	SC	UST
29407	U003665539	11428	CIRCLE K 2705121	1811 SAM RITTENBERG BLVD		CHARLESTON	SC	GWCI, LUST, UST
29407	1007243877	110017156584	CIRCLE K 2705121	1811 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	1007259950	110017330306	PORT UNIT 73	1811 SAM RITTENBURG	**	CHARLESTON	SC	FINDS
29407	U003524389	1366	PORT UNIT 73	1811 SAM RITTENBURG		CHARLESTON	SC	UST
29407	1004780533	110004941341	BP OIL-SITE #01286	1811 SAM RITTENBURG BLVD.		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1001225597	110002178517	CHARLESTON COUNTY FORMER HOPE C	1821 SAM RITTENBERG BLVD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U003522340	17975	HOPE CENTER SITE FORMERLY	1821 SAM RITTENBERG RD		CHARLESTON	SC	LUST, UST
29407	1000914384	110002253855	SOUTH TECHNOLOGY OF AMERICA	1923 SAM RITTENBURG BLVD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U004018372	19000	BP GAS 1	1924 SAM RITTENBERG BLVD		CHARLESTON	SC	UST
29407	1007244872	110017167037	BP GAS 1	1924 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	U003878868	1787	AUTO SUPPLY & EQUIPMENT	1927 SAM RITTENBURG BLVD		CHARLESTON	SC	UST
29407	1007229914	110017011384	AUTO SUPPLY & EQUIPMENT	1927 SAM RITTENBURG BLVD		CHARLESTON	SC	FINDS
29407	1008232486	110020999428	JOE FORD CONSTRUCTION	1942 SAM RITTENBURG BLVD		CHARLESTON	SC	FINDS
29407	U003521470	12846	FORMER TEXACO SERVICE STATION	1957 SAM RITTENBURG BLVDL		CHARLESTON	SC	LUST, UST
29407	1007246202	110017180753	FORMER TEXACO SERVICE STATION	1957 SAM RITTENBURG BLVDL	**	CHARLESTON	SC	FINDS
29407	1000461948	110002254881	JIFFY LUBE NUMBER 95	1971 SAM RITTENBERG BOULEVARD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U004017827	1561	JIFFY LUBE	1971 SAM RITTENBURG	**	CHARLESTON	SC	UST
29407	1000174958	110002254747	MAACO AUTO PAINTING & BODY WORKS	1974 SAM RITTENBERG BLVD		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1000260902	110002253800	STRIPPIN SHOP THE	1976 SAM RITTENBURG BLVD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007259976	110017330574	SUNOCO 0614-9645/COOP2631	1984 SAM RITTENBURG BLVD		CHARLESTON	SC	FINDS, LUST, UST
29407	1007228314	110016994975	RAY D HILTON DMD	2048 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	1007229900	110017011222	BELK	2060 SAM RITTENBURG BLVD		CHARLESTON	SC	FINDS, LUST
29407	U001013322	1634	BELK	2060 SAM RITTENBURG BLVD		CHARLESTON	SC	GWCI, UST
29407	1000875744	110002254391	OKLAHOMA INSTALLATION CO	2062 SAM RITTENBERG RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U004140945		SEARS ROEBUCK & CO	2068 SAM RITTENBERG BLVD		CHARLESTON	SC	UST
29407	1004780915	SCR000003053	SEARS AUTO CTR 6026	2068 SAM RITTENBURG BLVD		CHARLESTON	SC	RCRA-CESQG
29407	1007232969	110017042902	SEARS ROEBUCK & CO	2068 SAM RITTENBURG BLVD		CHARLESTON	SC	FINDS
29407	1009218517	SCR000767616	TARGET STORE 1391	2070 SAM RITTENBERG BLVD		CHARLESTON	SC	RCRA-CESQG
29407	1009313893	110024440194	TARGET STORE 1391	2070 SAM RITTENBERG BLVD		CHARLESTON	SC	FINDS
29407	1007834545	110019985355	CHARLESTON BAPTIST CHURCH	13 SAN MIGUEL RD		CHARLESTON	SC	FINDS
29407	U004017484	1322	FIRESTONE STORE 0580	1970 SAN RITTENBURG	**	CHARLESTON	SC	UST
29407	1007227914	110016990764	FIRESTONE STORE 0580	1970 SAN RITTENBURG	**	CHARLESTON	SC	FINDS
29407	1007241883	110017135802	CHARLESTON NECK & BACK - SAVAGE S	1835 SAVAGE ST		CHARLESTON	SC	FINDS
29407	1007234069	110017054417	M KENNETH JOHNSON DMD	1841 SAVAGE RD		CHARLESTON	SC	FINDS
29407	1007237045	110017085189	CHARLESTON ENT ASSOCIATES LLC	1849 SAVAGE RD		CHARLESTON	SC	FINDS
29407	1007234196	110017055684	CHARLESTON DENTAL ASSOCIATES	1875 SAVAGE RD		CHARLESTON	SC	FINDS
29407	1007234410	110017057879	ALLERGY AND ASTHMA CENTERS OF CH	1879 SAVAGE RD		CHARLESTON	SC	FINDS
29407	1007837373	110020013643	BRENTWOOD HOMES OF SC INC	1941 SAVAGE RD		CHARLESTON	SC	FINDS
29407	1005790403	110002234323	D R HORTON CO INC	1941 SAVAGE RD STE 100C		CHARLESTON	SC	FINDS
29407	1007257831	110017308117	SOUTHEASTERN SPINE INSTITUTE-W ASI	1941 SAVAGE RD STE 100E		CHARLESTON	SC	FINDS
29407	1004780967	110002253481	WESTVACO ST JOHNS DEPT	2030 SAVAGE RD		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007238756	110017103098	FORMER CANADA DRY WAREHOUSE	2038 SAVAGE RD		CHARLESTON	SC	FINDS
29407	U004017735	15131	FORMER CANADA DRY WAREHOUSE	2038 SAVAGE RD		CHARLESTON	SC	UST
29407	1000212772	110001675848	GEL LABORATORIES CORP	2040 SAVAGE RD		CHARLESTON	SC	PADS, RCRAInfo-SQG, FINDS
29407	1007240562	110017122013	GENERAL ENGINEERING & ENVIRONMEN	2040 SAVAGE RD		CHARLESTON	SC	FINDS
29407	1011423183	110035847750	GEL ENGINEERING, LLC	2040 SAVAGE ROAD		CHARLESTON	SC	FINDS
29407	U003526498	14760	WAPPOO OIL SERVICE INC	2066 SAVAGE RD		CHARLESTON	SC	UST
29407	1007242066	110017137686	B THOMAS KAYS DDS	1040 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007225327	110016964105	CHARLESTON ORAL & MAXILLOFACIAL SI	1112 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U004018097	1722	SCOTCHMAN 172	1117 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST

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29407	1007238164	110017096952	SCOTCHMAN 172	1117 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	U003619573	12182	FOOD MART 1	1127 SAVANNAH HWY		CHARLESTON	SC	GWCI, LUST, UST
29407	1007232337	110017036401	PUVRI PET II LLC	1127 SAVANNAH HWY		CHARLESTON	SC	RCR, FINDS
29407	1011970518		SOUTH CAROLINA ELECTRIC & GAS COM	1133 SAVANNAH HWY		CHARLESTON	SC	PCB TRANSFORMER
29407	1011963688		SOUTH CAROLINA ELECTRIC & GAS COM	1133 SAVANNAH HWY		CHARLESTON	SC	PCB TRANSFORMER
29407	1011970522		SOUTH CAROLINA ELECTRIC & GAS COM	1213 SAVANNAH HWY		CHARLESTON	SC	PCB TRANSFORMER
29407	1011963682		SOUTH CAROLINA ELECTRIC & GAS COM	1213 SAVANNAH HWY		CHARLESTON	SC	PCB TRANSFORMER
29407	1007259940	110017330191	LATORRES TEXACO	1219 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U001541565	1351	LATORRES TEXACO	1219 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007237554	110017090734	BELLSOUTH TELECOMMUNICATIONS INC	1233 SAVANNAH HIGHWAY		CHARLESTON	SC	FINDS
29407	U004017791	1542	BELLSOUTH TELECOMMUNICATIONS INC	1233 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1004780164	110002254505	ONE HOUR VALET	1235 SAVANNAH HWY		CHARLESTON	SC	DRYCLEANERS, RCRA-CESQG, SHWS, FINDS
29407	1007224153	110016951850	BROOKE N BODE DDS	1243 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007228317	110016995019	CHILDREN S DENTISTRY - SAVANNAH HW	1243 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007229392	110017005998	CHARLES R PESAVENTO DMD	1247-A SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007246676	110017185678	PARKWOOD ORTHOPEDIC CLINIC LLC	1249 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1000435677	110002254578	MIDWAY PLAZA ONE HOUR MART	1300 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007241090	110017127544	CHIROPRACTIC & NUTRITION CENTER OF	1300 SAVANNAH HWY #6		CHARLESTON	SC	FINDS
29407	U004017590	1428	PANTRY 3359	1406 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1007237745	110017092705	PANTRY 3359	1406 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	1000576022	110002256013	AMOCO CORPORATION	1406 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1000575684	110002258707	RICK HENDRICK PAINT SHOP NUMBER 2	1460 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007246460	110017183466	FORMER SERVICE STATION	1462 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003930239	14372	FORMER SERVICE STATION	1462 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007237800	110017093269	ENVIRO SOLUTIONS INTERNATIONAL	1466 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	U004017837	1567	ENVIRO SOLUTIONS INTERNATIONAL	1466 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1000575856	110002254701	LEWIS HESSE AUTO REP INCORPORATEI	1480 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1000706197	110002254097	RICK HENDRICK CHEVROLET	1500 SAVANNAH HIGHWAY		CHARLESTON	SC	RCRAInfo-SQG, FINDS
29407	U004018346	1886	RICK HENDRICK CHEVROLET	1500 SAVANNAH HWY		CHARLESTON	SC	UST
29407	U003930621	1886	RICK HENDRICK CHEVROLET	1500 SAVANNAH HWY		CHARLESTON	SC	LUST
29407	1007227020	110016981649	BAKER ACURA OF MT PLEASANT	1511 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007234253	110017056255	INDIGO POINT CO	1513 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003520163	14354	CHARLESTON CITY OF	1517 SAVANNAH HWY		CHARLESTON	SC	LUST, UST
29407	1000184376	110002255782	CHARLESTON AUTOMOTIVE CO	1518 SAVANNAH HWY		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007244242	110017160383	HONDA CARS OF CHARLESTON	1518 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	U003930198	1396	HONDA CARS OF CHARLESTON	1518 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007239944	110017115398	LIL CRICKET 307	1523 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	U004017687	1488	LIL CRICKET 867	1523 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1007239734	110017113238	KMART 3080	1535 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	1012188342	SCR000771022	KMART 3080	1535 SAVANNAH HWY		CHARLESTON	SC	RCRAInfo-SQG
29407	U004018024	1678	KMART 3080	1535 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007134221	110015820263	PENSKE AUTO CENTER 3080	1535B SAVANNAH HIGHWAY		CHARLESTON	SC	FINDS
29407	1004780887	SCR000002071	PENSKE AUTO CENTER 3080	1535B SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen
29407	1004780489	110002253793	PEP BOYS 38	1550 SAVANNAH HIGHWAY		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	U003620733	11899	PEP BOYS SAVANNAH HWY	1550 SAVANNAH HWY		CHARLESTON	SC	LUST, UST
29407	1007224132	110016951645	ROBERT W HAILE DMD	1575 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007229665	110017008799	MARSHALL N KALINSKY DPM	1611 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007229854	110017010731	AT&T COMMUNICATIONS	1620 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U004017996	1663	AT&T COMMUNICATIONS	1620 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007733223	110018901768	SENTRY BUICK PONTIAC GMC	1621 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007449390	SCR000766063	SENTRY BUICK PONTIAC GMC	1621 SAVANNAH HWY		CHARLESTON	SC	RCRA-CESQG
29407	1011557805		SENTRY BUICK PONTIAC GMC	1621 SAVANNAH HWY CHARLESTON S(		CHARLESTON	SC	ICIS
29407	1007227196	110016983479	JIMMY MILLER AUTO BROKERS	1634 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003621127	14156	JIMMY MILLER AUTO BROKERS	1634 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007832840	110019968301	TOTAL HEALTH ASSOCIATES INC	1637 SAVANNAH HWY STE 202		CHARLESTON	SC	FINDS
29407	1007134234	110015820478	DRYCLEAN USA COASTAL INCORPORATE	1643-B SAVANNAH HIGHWAY		CHARLESTON	SC	FINDS
29407	1007116036	SCD987589140	DRYCLEAN USA COASTAL INC	1643-B SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen
29407	1007240332	110017119624	ANIMAL CARE CENTER INC	1662 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1005790111	110002239532	ASHCROFT HALL - ASHCROFT WTR	1662 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007237802	110017093287	MORRIS NISSAN	1714 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	U004017831	1564	MORRIS NISSAN	1714 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1007259501	110017325599	CHANCYS	1759 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003853745	18825	CHANCYS	1759 SAVANNAH HWY		CHARLESTON	SC	GWCI, LUST, UST
29407	1007243106	110017148665	PANTRY 880	1805 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003620813	12787	PANTRY 880	1805 SAVANNAH HWY		CHARLESTON	SC	GWCI, LUST, UST
29407	1007245253	110017171013	PEEPLES GULF	1807 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003878829	1735	PEEPLES GULF	1807 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007236869	110017083378	ELMER K SMITH JR DMD	1812 SAVANNAH HIGHWAY STE 102-A		CHARLESTON	SC	FINDS
29407	1007257417	110017303915	DENNING POINT HOMEOWNERS ASSOCI/	1812 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007228335	110016995199	DAVID DELLI-GATTI DDS	1812 SAVANNAH HWY #101-A		CHARLESTON	SC	FINDS

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29407	1007834820	110019988101	ESSEX FARMS LLC	1820 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U001537238	14656	ROGGEN MOTOR CO INC	1901 SAVANNAH HWY		CHARLESTON	SC	LUST, UST
29407	1007247328	110017192321	ROGGEN MOTOR CO INC	1901 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007265031	SCR000765438	TIRE KINGDOM INC 268	1905 SAVANNAH HWY		CHARLSTON	SC	RCRA-CESQG
29407	1007483463	110017613849	TIRE KINGDOM INC 268	1905 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007237746	110017092714	AMOCO STATION 1589	1917 SAVANNAH HIGHWAY		CHARLESTON	SC	FINDS
29407	1000576021	SCD987584968	AMOCO OIL SS#1589	1917 SAVANNAH HIGHWAY		CHARLESTON	SC	RCRA-NonGen
29407	1007234502	110017058814	SKIPPERS SERVICE CENTER INC	1917 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003620532	10469	SKIPPERS SERVICE CENTER INC	1917 SAVANNAH HWY		CHARLESTON	SC	GWCI, LUST, UST
29407	1007224125	110016951574	AIR HARBOR VETERINARY CLINIC	1925 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1009327143	110024533389	SEEL'S OUTBOARD	1937 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007225837	110016969333	E G HARRISON III & J H SMEDS	1943A SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007243125	110017148852	FORMER GULF SERVICE STATION LOC	1963 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003621110	16259	FORMER GULF SERVICE STATION LOC	1963 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1004780989	110002254195	CHARLESTON MITSUBISHI	1968 SAVANNAH HWY		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	U004017820	1558	WESTSIDE VOLKSWAGEN INC	1980 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007244143	110017159359	WESTSIDE VOLKSWAGEN INC	1980 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	1007237753	110017092787	HOME QUARTERS WAREHOUSE	2000 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	1000268950	110002254532	PARKER MOTORS INCORPORATED	2000 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U004017561	1411	HOME QUARTERS WAREHOUSE	2000 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1004780187	110002254444	OLMSTEAD PONTIAC	2001 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U004017548	1404	GLIDDEN COATINGS & RESINS	2020 SAVANNAH HWY @ ORLEANS ST	**	CHARLESTON	SC	GWCI, UST
29407	1007244219	110017160123	GLIDDEN COATINGS & RESINS	2020 SAVANNAH HWY @ ORLEANS ST	**	CHARLESTON	SC	RCR, FINDS, LUST
29407	1007247168	110017190706	EMERGICARE PA	2049 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007232273	110017035750	CHARLESTON FORD TRACTOR INC	2097 SAVANNAH HWY		CHARLESTON	SC	RCR, FINDS
29407	U004017273	12091	CHARLESTON FORD TRACTOR INC	2097 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1000390946	110002253463	WEST ASHLEY TOYOTA INC.	2100 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1008008993	110002176733	OAK PLANTATION CAMPGROUND	2117 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1000198994	110002254408	OLDE TOWN CLEANERS	2140 SAVANNAH HWY		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1007224102	110016951342	DRS DAVID & DENISE STONE	2170-A SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003619779	1338	RUSSELLS EXXON 43462	2209 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1007244615	110017164361	RUSSELLS EXXON 43462	2209 SAVANNAH HWY		CHARLESTON	SC	RCR, FINDS, LUST
29407	1000461899	110002255443	EXXON LOCATION 4 3462	2209 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	U003619554	11188	HESS STATION 40259	2245 SAVANNAH HWY		CHARLESTON	SC	GWCI, UIC, UST
29407	1001962028	110002258208	HESS STATION 40259	2245 SAVANNAH HWY		CHARLESTON	SC	RCRA-CESQG, FINDS, LUST
29407	1000914395	110002253686	TS INDUSTRIAL REPAIR SERVICE	2423 SAVANNAH HWY		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	1004780780	110002254890	JIM LAMBERTS HOT RODS & HARLEYS	2473 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1004780364	110002255657	CLEMSON UNIV. COASTAL CENTER	2865 SAVANNAH HIGHWAY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1004592880	110011928799	EVANGEL CHRISTIAN SCHOOL	2957 SAVANNAH HIGHWAY		CHARLESTON	SC	FINDS
29407	1007238767	110017103203	HERITAGE TRUST PROPERTY	335 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003522223	15105	HERITAGE TRUST PROPERTY	335 SAVANNAH HWY		CHARLESTON	SC	LUST, UST
29407	1007256205	110017291250	HESS STATION 40201	3622 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U003740878	18166	HESS STATION 40201	3622 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007225665	110016967585	AFTER HOURS VETERINARY EMERGENC	422 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1005789942	110002253472	WEST ASHLEY TOYOTA INC	444 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1000370864	110002253944	SHERWIN WILLIAMS COMPANY	464 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007237694	110017092199	GULF SERVICE STATION	474 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U004017692	1490	GULF SERVICE STATION	474 SAVANNAH HWY		CHARLESTON	SC	UST
29407	U003619767	1332	BLUE WATER 15	484 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1000575630	110002255381	EXXON CO USA NUMBER 40084	484 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007227912	110016990746	BLUE WATER 15	484 SAVANNAH HWY		CHARLESTON	SC	FINDS, LUST
29407	1007244568	110017163889	HOWARD V PESKIN DDS	494 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U004018281	1838	LIVINGSTONS EXXON 43108	828 SAVANNAH HWY		CHARLESTON	SC	GWCI, UST
29407	1007247030	110017189291	LIVINGSTONS EXXON 43108	828 SAVANNAH HWY		CHARLESTON	SC	RCR, FINDS, LUST
29407	1004595190	110002237623	ST ANDREWS SERVICE CENTER INCORP	844 SAVANNAH		CHARLESTON	SC	FINDS, LUST, UST
29407	1007257719	110017306958	CHARLES TOWNE VETERINARY CLINIC	850 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007238246	110017097791	FIRESTONE STORE 0582	852 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	U004018233	1815	FIRESTONE STORE 0582	852 SAVANNAH HWY		CHARLESTON	SC	UST
29407	1007257703	110017306798	DRS RUMPH RUMPH & BODE	868 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1007835276	110019992668	KEYSTONE CHIROPRACTIC	912 SAVANNAH HWY		CHARLESTON	SC	FINDS
29407	1000461985	110002254122	RITE AID PHARMACY	975 SAVANNAH HWY		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007227714	110016988731	TOTAL LIFE CARE LLC	975 SAVANNAH HWY STE J		CHARLESTON	SC	FINDS
29407	1005791346	110002186330	SHERWOOD & HOLIDAY PARK	SHERWOOD PARK 9D ASHLEY HOUSE	**	CHARLESTON	SC	FINDS
29407	1007234029	110017053999	SPARTINA ASSOCIATES	28 SOTHEL AVE		CHARLESTON	SC	FINDS
29407	U004017935	1621	SPRUILL AVE 66	2748 SPRUILL AVE & CLEMENTS	M, North, 1/2 - 1	CHARLESTON	SC	UST
29407	1007246656	110017185464	SPRUILL AVE 66	2748 SPRUILL AVE & CLEMENTS	**	CHARLESTON	SC	FINDS
29407	U004017987	1657	CAROLINA TIRE CO	1754 STATE HWY #7	**	CHARLESTON	SC	UST
29407	1007232265	110017035670	WEST ASHLEY PUMP STATION	501 STINSON DR		CHARLESTON	SC	FINDS, LUST
29407	U003520563	10102	WEST ASHLEY PUMP STATION	501 STINSON DR		CHARLESTON	SC	UST
29407	1007236561	110017080228	FORREST NORVELL	4 STOCKER DR		CHARLESTON	SC	FINDS
29407	1001483235	110002184886	LIGHTHOUSE CLEANERS	65D SYCAMORE AVE		CHARLESTON	SC	RCRA-NonGen, FINDS

EDR ZIP Code Scan Report

ZIP	EDR-ID	Facility ID	Name	Address	Map/Dir/Dist	City	State	Databases
29407	1007233993	110017053622	STONO PLANTATION DEVELOPMENT CO	2433 SYLVAN SHORES DR		CHARLESTON	SC	FINDS
29407	1007228331	110016995153	DAVID H HICKMAN & ROBERT T DARLEY	215 TANGLEWOOD AVE		CHARLESTON	SC	FINDS
29407	1007258290	110017313110	SIRSKY FAMILY TRUST INC	2 TARLETON DR		CHARLESTON	SC	FINDS
29407	1007237750	110017092750	BLESSED SACREMENT CHURCH	3 ST TERESA DR		CHARLESTON	SC	FINDS, LUST
29407	U004017573	1417	BLESSED SACREMENT CHURCH	3 ST TERESA DR		CHARLESTON	SC	UST
29407	1007243605	110017153818	CHARLESTON HAND GROUP LLC	1483 TOBIAS GADSON BLVD		CHARLESTON	SC	FINDS
29407	1007228347	110016995313	ST FRANCIS MEDICAL CARE	1483 TOBIAS GADSON BVD STE 108		CHARLESTON	SC	FINDS
29407	1007236233	110017076901	TWIN B MOBILE MANOR	2280 TOMEDIAN ST	**	CHARLESTON	SC	FINDS
29407	1007835914	110019999046	TRULUCK MILTON F TRUST	1528 TRAILEE DR		CHARLESTON	SC	FINDS
29407	1012095186	110038808662	CHARLESTON ENTERPRISES-CLOSED	1925 S TRINITY DR		CHARLESTON	SC	FINDS
29407	1007229866	110017010866	NATIONAL ALLERGY ASTHMA & URTICAR	9165 UNIVERSITY BLVD		CHARLESTON	SC	FINDS
29407	1007257062	110017300071	SOUTHEAST CARDIOLOGY	1812 WALLACE SCHOOL RD		CHARLESTON	SC	FINDS
29407	1007225415	110016965033	LARRY J FERGUSON DMD	1812 WALLACE SCHOOL RD		CHARLESTON	SC	FINDS
29407	1008255849	110021470781	ASHLEY RIVER CREATIVE ARTS	1871 WALLACE SCHOOL RD		CHARLESTON	SC	FINDS
29407	U003519963	11468	CEL OIL PRODUCTS CORP	1698 WALLENBERG BLVD		CHARLESTON	SC	UST
29407	1007247949	110017198771	CEL OIL PRODUCTS CORP	1698 WALLENBERG BLVD	**	CHARLESTON	SC	FINDS
29407	1007238282	110017098157	7 ELEVEN 1432	1888 WALLENBURG BLVD		CHARLESTON	SC	FINDS
29407	U004018271	1833	7 ELEVEN 1432	1888 WALLENBURG BLVD	**	CHARLESTON	SC	UST
29407	1005791183	110002188436	COLEMAN JENKINS SHRIMP FARM	706 WANTOOT BLVD		CHARLESTON	SC	FINDS
29407	1000122964	110002255737	C & M OIL DISTRIBUTORS INCORPORATE	1020 WAPPOO RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1004780809	SCD991279266	C&M OIL DISTRIBUTORS INC	1020 WAPPOO RD		CHARLESTON	SC	RCRA-NonGen
29407	1004779802	110002255773	CHARLES RIVER ENDOSAFE	1023 WAPPOO RD SUITE 43B		CHARLESTON	SC	RCRA-CESQG, FINDS
29407	U004017797	1546	SOUTHERN BELL CHTNSCAR	1024 WAPPOO RD		CHARLESTON	SC	GWCI, RCR, UST
29407	1007245707	110017175750	BELLSOUTH SERVICES	1024 WAPPOO RD		CHARLESTON	SC	FINDS
29407	U004017909	1605	CHARLESTON MAINTENANCE FACILITY	1040 WAPPOO RD		CHARLESTON	SC	UST
29407	1007255923	110017288344	DIBICHI ASSOCIATES	105 WAPPOO CREEK 3A		CHARLESTON	SC	FINDS
29407	1007242395	110017141136	DAVIS & DOSCHER CONSTRUCTION CO	1109 WAPPOO RD		CHARLESTON	SC	FINDS
29407	U003520702	11499	DAVIS & DOSCHER CONSTRUCTION CO	1109 WAPPOO RD		CHARLESTON	SC	GWCI, LUST, UST
29407	1004780257	110004940066	SCDOT WAPPOO RD FACILITY	1109 WAPPOO RD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007234051	110017054211	WELLNESS PLUS	1119-A WAPPOO RD		CHARLESTON	SC	FINDS
29407	1005792337	110002312685	MEADOW BROOK HEALTH CARE CENTER	718 WAPPOO RD		CHARLESTON	SC	FINDS
29407	1011293402	110036472849	ST. ANDREWS MIDDLE	721 WAPPOO ROAD		CHARLESTON	SC	FINDS
29407	1007233934	110017053025	PEDRO R JONES DDS	827 WAPPOO RD		CHARLESTON	SC	FINDS
29407	1007237654	110017091788	WEST ASHLEY PERIODONTICS PA	827 WAPPOO RD		CHARLESTON	SC	FINDS
29407	1007225416	110016965042	DENTAL CARE OF CHARLESTON PA	839 WAPPOO RD		CHARLESTON	SC	FINDS
29407	1007837306	110020012975	PARADISE PROPERTIES	925 B WAPPOO RD	**	CHARLESTON	SC	FINDS
29407	1007228777	110016999667	JAMES P HENTZ DMD	925-G WAPPOO RD		CHARLESTON	SC	FINDS
29407	1007834230	110019982205	G ROLLIN LLC	944 WAPPOO RD APT 13 C		CHARLESTON	SC	FINDS
29407	1007224135	110016951672	JONES CHIROPRACTIC CENTER	948 WAPPOO RD		CHARLESTON	SC	FINDS
29407	1007228325	110016995091	PALMETTO ORTHOPAEDIC OF CHARLEST	615 WESLEY DR STE 100		CHARLESTON	SC	FINDS
29407	1007241470	110017131487	LOWCOUNTRY MEDICAL ASSOCIATES	615 WESLEY DR STE 120		CHARLESTON	SC	FINDS
29407	U003525586	14731	ST ANDREWS PUBLIC SERVICE DISTRICT	2228 WESTCHESTER DR		CHARLESTON	SC	GWCI, LUST, UST
29407	1005851771	110008554180	CHARLESTON COMMISSION OF PUBLIC V	2258 WESTCHESTER DR	**	CHARLESTON	SC	FINDS
29407	1006193057	110008554171	CHARLESTON COMMISSION OF PUBLIC V	2258 WESTCHESTER DR	**	CHARLESTON	SC	FINDS
29407	1007225699	110016967923	CAROLINA FOOT SPECIALIST LLC	615 WESTLY DR STE 340	**	CHARLESTON	SC	FINDS
29407	1008254005	110036472858	WEST ASHLEY MIDDLE	776 WILLIAM KENNERTY DRI	**	CHARLESTON	SC	FINDS
29407	1008285465	110036472830	WEST ASHLEY HIGH	WILLIAM KENNERTY DRIVE	**	CHARLESTON	SC	FINDS
29407	1007234227	110017055997	RANDALL AND DORIS B WRIGHT	1316 WINCHESTER DR		CHARLESTON	SC	FINDS
29407	1007227671	110016988296	LIFEWORKS CHIROPRACTIC	#4 WINDEMERE BLVD	**	CHARLESTON	SC	FINDS
29407	1004780137	110002197612	GARRETT DRY CLEANING	65 WINDEMERE BLVD		CHARLESTON	SC	RCRA-NonGen, FINDS
29407	1007257966	110017309508	EUGENE D SPACEY DMD	14 WINDERMERE BLVD		CHARLESTON	SC	FINDS
29407	1007225453	110016965444	MYRON LUTZ MD GYN LLC	1205 WISTERIA RD		CHARLESTON	SC	FINDS
29407	1007240276	110017119045	HENRY A III AND WENDY H MOLONY	1239 WISTERIA RD		CHARLESTON	SC	FINDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/13/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 39

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/06/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Site Assessment Section Project List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/05/2010
Date Data Arrived at EDR: 10/15/2010
Date Made Active in Reports: 10/27/2010
Number of Days to Update: 12

Source: Department of Health and Environmental Control
Telephone: 803-734-5376
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Landfills List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/22/2010
Date Data Arrived at EDR: 09/23/2010
Date Made Active in Reports: 10/27/2010
Number of Days to Update: 34

Source: Department of Health and Environmental Control
Telephone: 803-734-5165
Source: Department of Health and Environmental Control, GIS Section
Telephone: 803-896-4084
Last EDR Contact: 09/21/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/25/2010
Date Data Arrived at EDR: 09/10/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 20

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/02/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Comprehensive Underground Storage Tanks
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/23/2010
Date Data Arrived at EDR: 08/23/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 38

Source: Department of Health and Environmental Control
Telephone: 803-896-7957
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List
Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004
Date Data Arrived at EDR: 08/04/2004
Date Made Active in Reports: 09/23/2004
Number of Days to Update: 50

Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/03/2010
Date Data Arrived at EDR: 08/04/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 61

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Semi-Annually

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Semi-Annually

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/02/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/29/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

RCR: Registry of Conditional Remedies
The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

Date of Government Version: 09/21/2010
Date Data Arrived at EDR: 09/23/2010
Date Made Active in Reports: 10/27/2010
Number of Days to Update: 34

Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 09/23/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Sites
Sites participating in the Voluntary Cleanup Program. Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

Date of Government Version: 09/21/2010
Date Data Arrived at EDR: 09/23/2010
Date Made Active in Reports: 10/27/2010
Number of Days to Update: 34

Source: Department of Health and Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 09/23/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Sites Listing

The Brownfields component of the Voluntary Cleanup Program allows a non-responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation.

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 08/04/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 7

Source: Department of Health & Environmental Control
Telephone: 803-896-4069
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/29/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

SWRCY: Solid Waste Recycling Facilities
A listing of recycling center locations.

Date of Government Version: 11/16/2009
Date Data Arrived at EDR: 12/23/2009
Date Made Active in Reports: 01/27/2010
Number of Days to Update: 35
Source: Department of Health & Enviornmental Control
Telephone: 803-896-8985
Last EDR Contact: 11/16/2009
Next Scheduled EDR Contact: 04/05/2010
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 60
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/29/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Quarterly

ALLSITES: Site Assessment & Remediation Public Record Database
The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

Date of Government Version: 08/16/2010
Date Data Arrived at EDR: 08/16/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 45
Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Sites
A listing of clandestine drug lab site locations.

Date of Government Version: 07/30/2010
Date Data Arrived at EDR: 07/30/2010
Date Made Active in Reports: 08/11/2010
Number of Days to Update: 12
Source: Department of Health & Environmental Control
Telephone: 803-896-4288
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Annually

SPILLS: Spill List

Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

Date of Government Version: 09/28/2010
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/27/2010
Number of Days to Update: 28

Source: Department of Health and Environmental Control
Telephone: 803-898-4111
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/07/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/14/2009
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 5

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 08/30/2010
Number of Days to Update: 82

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/09/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 11/01/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 109

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 11/10/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/14/2010
Next Scheduled EDR Contact: 01/24/2011
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Biennially

GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 11/06/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 13

Source: Department of Health and Environmental Control
Telephone: 803-898-3798
Last EDR Contact: 10/08/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Annually

UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

Date of Government Version: 09/02/2010
Date Data Arrived at EDR: 09/03/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 27

Source: Department of Health & Environmental Control
Telephone: 803-898-3799
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

The Drycleaning Facility Restoration Trust Fund database is used to access, prioritze and cleanup contaminated registered drycleaning sites.

Date of Government Version: 07/21/2006
Date Data Arrived at EDR: 09/08/2006
Date Made Active in Reports: 09/29/2006
Number of Days to Update: 21

Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 08/17/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

NPDES: Waste Water Treatment Facilities Listing

A listing of waste water treatment facility locations.

Date of Government Version: 09/27/2010
Date Data Arrived at EDR: 09/28/2010
Date Made Active in Reports: 10/27/2010
Number of Days to Update: 29

Source: Department of Health & Environmental Control
Telephone: 803-898-4300
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

AIRS: Permiited Airs Facility Listing

A listing of permitted airs facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/11/2010
Date Made Active in Reports: 03/24/2010
Number of Days to Update: 13

Source: Department of Health & Environmental Control
Telephone: 803-898-4279
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 05/12/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 10/25/2010
Next Scheduled EDR Contact: 02/07/2011
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/10/2010
Next Scheduled EDR Contact: 02/14/2011
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites
A listing of sites with coal ash ponds.

Date of Government Version: 07/31/2009
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 08/17/2009
Number of Days to Update: 10

Source: Department of Health & Environmental Control
Telephone: 803-898-3964
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/28/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/19/2010
Next Scheduled EDR Contact: 01/31/2011
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/28/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 09/24/2010
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/09/2010
Next Scheduled EDR Contact: 02/21/2011
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 12/01/2009
Date Made Active in Reports: 12/14/2009
Number of Days to Update: 13

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Day Care List
Source: Department of Social Services
Telephone: 803-898-7345

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PORT ACCESS ROAD
SPRUILL AVENUE
NORTH CHARLESTON, SC 29405

TARGET PROPERTY COORDINATES

Latitude (North):	32.83866 - 32° 50' 19.2''
Longitude (West):	79.9584 - 79° 57' 30.2''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	597483.0
UTM Y (Meters):	3633691.0
Elevation:	15 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32079-G8 CHARLESTON, SC
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

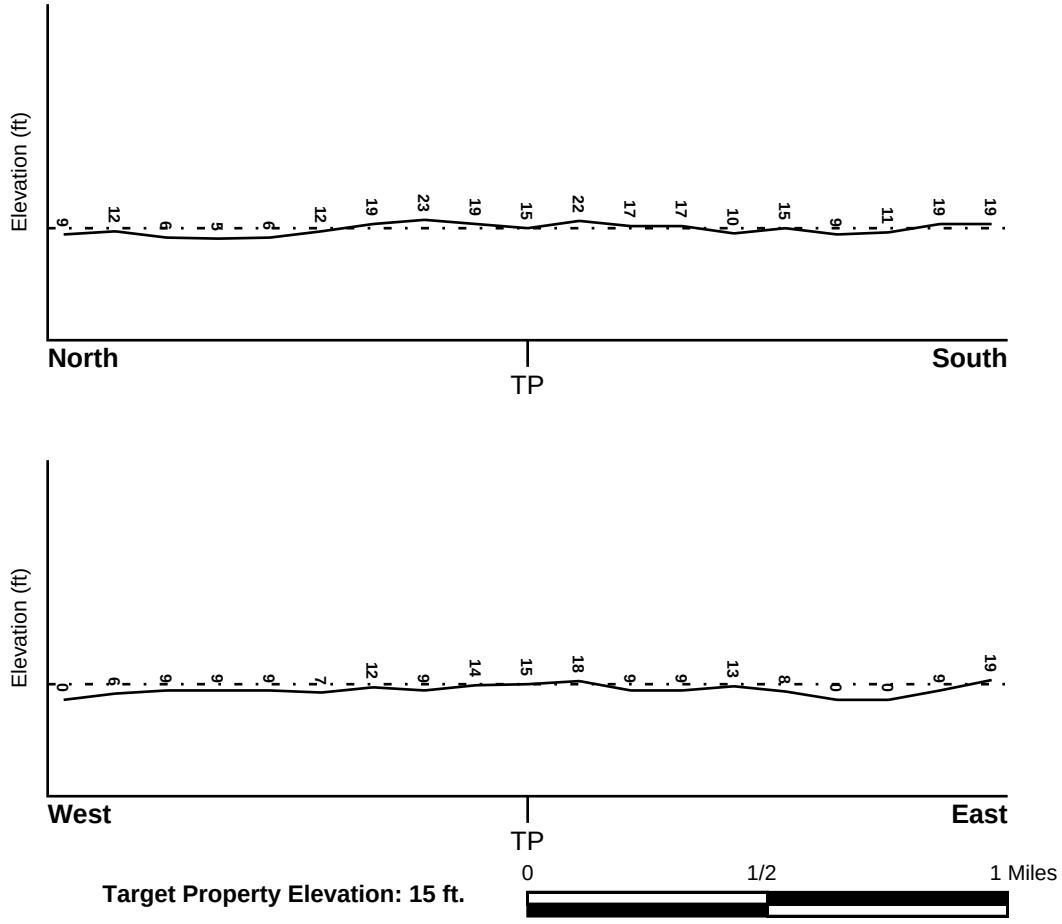
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
CHARLESTON, SC	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 4554130234G - FEMA Q3 Flood data

Additional Panels in search area:
4500420013C - FEMA Q3 Flood data
4500420014C - FEMA Q3 Flood data
4554130231F - FEMA Q3 Flood data
4554130232F - FEMA Q3 Flood data
4500420017C - FEMA Q3 Flood data
4554130233G - FEMA Q3 Flood data
4500420018C - FEMA Q3 Flood data
4554120015D - FEMA Q3 Flood data
4554120010D - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
CHARLESTON	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	1/8 - 1/4 Mile SSE	Not Reported
3	1/4 - 1/2 Mile North	E
A4	1/4 - 1/2 Mile WNW	WSW
A5	1/4 - 1/2 Mile WNW	Not Reported
6	1/2 - 1 Mile SW	NNE
7	1/2 - 1 Mile SSE	SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
8	1/2 - 1 Mile WNW	Not Reported
10	1/2 - 1 Mile SSE	Not Reported
11	1/2 - 1 Mile SSE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

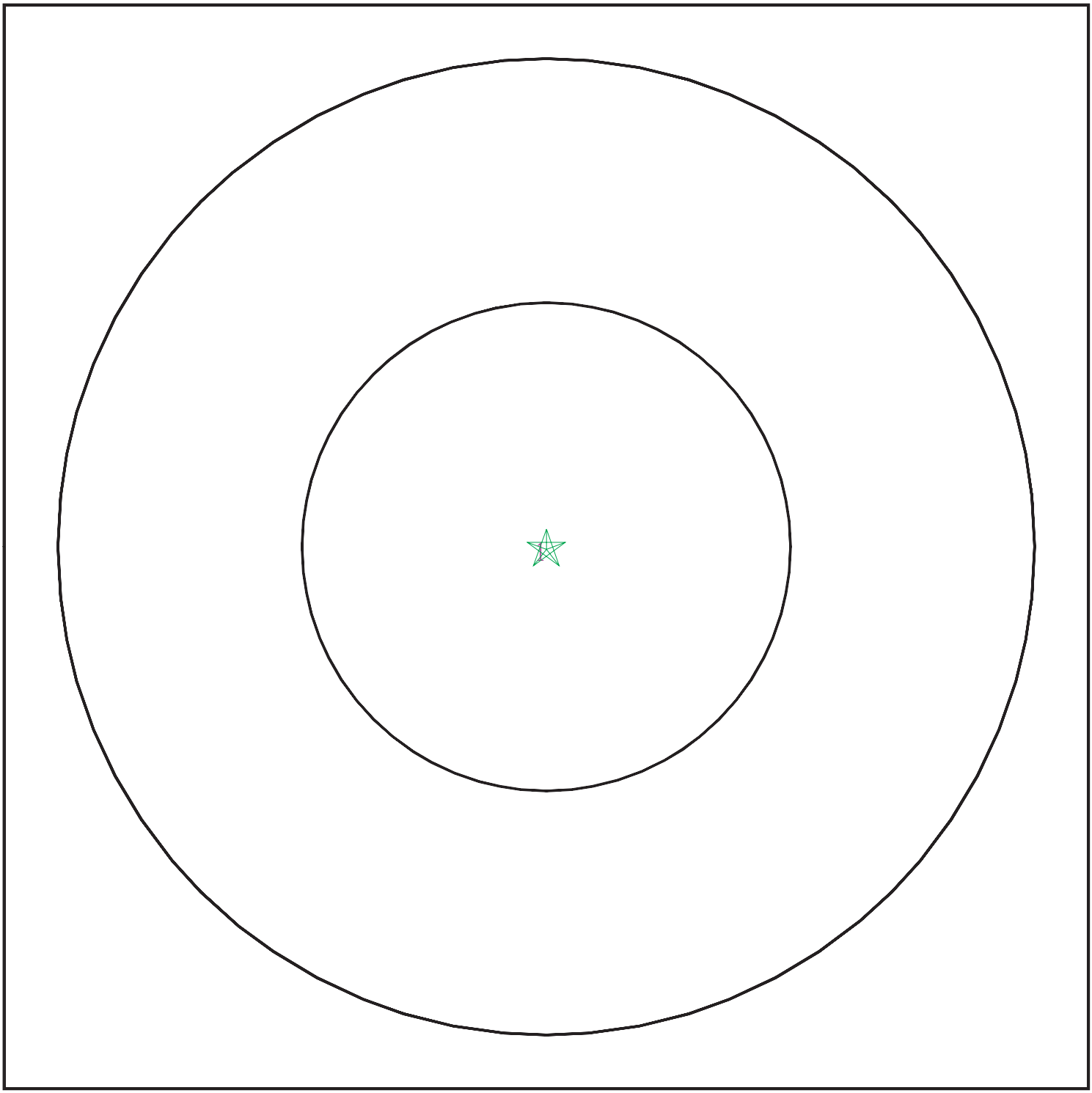
Era:	Cenozoic
System:	Quaternary
Series:	Holocene
Code:	Qh *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2915406.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Port Access Road	CLIENT:	S&ME
ADDRESS:	Spruill Avenue North Charleston SC 29405	CONTACT:	Mary Beth Cline
LAT/LONG:	32.8387 / 79.9584	INQUIRY #:	2915406.2s
		DATE:	November 12, 2010 12:58 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	variable	Not reported	Not reported	Max: 141 Min: 42	Max: 6 Min: 3.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

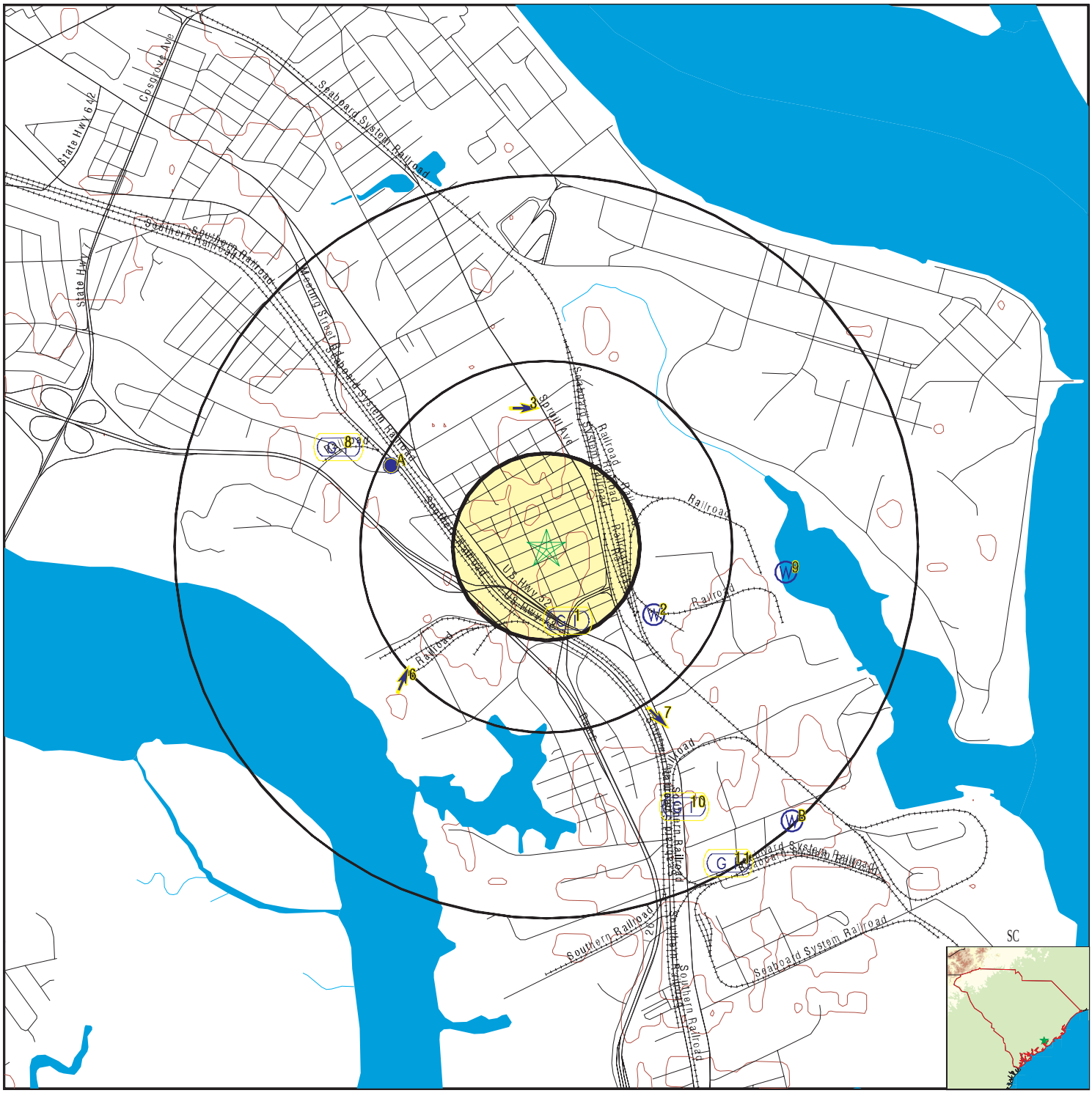
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	SCWC30000003182	1/4 - 1/2 Mile ESE
9	SCWC30000003190	1/2 - 1 Mile East
B12	SCWC30000003159	1/2 - 1 Mile SE
B13	SCWC30000003158	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 2915406.2s



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

N

SITE NAME:	Port Access Road	CLIENT:	S&ME
ADDRESS:	Spruill Avenue North Charleston SC 29405	CONTACT:	Mary Beth Cline
LAT/LONG:	32.8387 / 79.9584	INQUIRY #:	2915406.2s
		DATE:	November 12, 2010 12:58 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **SSE** **1/8 - 1/4 Mile** **Higher**	Site ID:	N-10-NO-01714	**AQUIFLOW**	**32244**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	8 ft		
	Date:	05/11/1995		

2
ESE
1/4 - 1/2 Mile
Higher

SC WELLS **SCWC30000003182**

Conum:	CHN-610	Scgrid:	18CC-w1
Latn:	325009		
Longn:	795713		
Utm e:	597934		
Utm n:	3633382		
Topo:	Charleston		
Elev:	10		
Owner:	McAlloy Corp.	Owner well:	Not Reported
Location:	Charleston	Use:	Industrial
Depth d:	440		
Depth c:	399		
Diam 1:	4		
Diam 2:	Not Reported	Oh cas:	50
Screen t:	0		
Screen b:	0		
Drill yr:	1987	Drill mo:	4
Yield:	0		
Yield yr:	Not Reported	G logs:	E, G
D logs:	0		
P test:	0		
Chem:	Not Reported	Wl:	Not Reported
Wl yr:	Not Reported	Driller:	Not Reported
Site id:	SCWC30000003182		

---

3 **North** **1/4 - 1/2 Mile** **Higher**	Site ID:	N-10-NO-01672	**AQUIFLOW**	**32275**
	Groundwater Flow:	E		
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	Not Reported		
	Date:	04/08/1993		

A4 **WNW** **1/4 - 1/2 Mile** **Higher**	Site ID:	N-10-NN-01866	**AQUIFLOW**	**32171**
	Groundwater Flow:	WSW		
	Shallowest Water Table Depth:	2.00		
	Deepest Water Table Depth:	5.55		
	Average Water Table Depth:	3 ft bls		
	Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A5 **WNW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	N-10-NO-01715 Not Reported Not Reported Not Reported 3.48 bls Not Reported	**AQUIFLOW**	**32245**
6 **SW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	P-10-NN-01705 NNE Not Reported Not Reported 0 to 10 ft 10/1993	**AQUIFLOW**	**32292**
7 **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	M-10-NO-01607 SE Not Reported Not Reported 6 10/23/1990	**AQUIFLOW**	**37078**
8 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallowest Water Table Depth: Deepest Water Table Depth: Average Water Table Depth: Date:	N-10-NN-01653 Not Reported Not Reported Not Reported 2.40 ft 11/09/1998	**AQUIFLOW**	**32274**
9 **East** **1/2 - 1 Mile** **Lower**			**SC WELLS**	**SCWC30000003190**

Conum:	CHN-607	Scgrid:	18CC-v1
Latn:	325015		
Longn:	795651		
Utm e:	598504		
Utm n:	3633572		
Topo:	Charleston		
Elev:	12		
Owner:	McAlloy Corp.	Owner well:	Not Reported
Location:	Charleston	Use:	Industrial
Depth d:	495		
Depth c:	394		
Diam 1:	10		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	312		
Screen b:	394		
Drill yr:	1987	Drill mo:	10
Yield:	300		
Yield yr:	Not Reported	G logs:	E
D logs:	0		
P test:	0		

Chem:	C	Wl:	3
Wl yr:	1987	Driller:	Ackerman
Site id:	SCWC30000003190		

10
SSE
1/2 - 1 Mile
Higher

AQUIFLOW **32218**

Site ID:	N-10-NN-01744
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	4 ft bls
Date:	01/18/1993

11
SSE
1/2 - 1 Mile
Higher

AQUIFLOW **32240**

Site ID:	N-10-NM-01709
Groundwater Flow:	Not Reported
Shallowest Water Table Depth:	Not Reported
Deepest Water Table Depth:	Not Reported
Average Water Table Depth:	6 to 7 ft
Date:	07/1994

B12
SE
1/2 - 1 Mile
Higher

SC WELLS **SCWC30000003159**

Conum:	CHN-583	Scgrid:	18DD-b3
Latn:	324940		
Longn:	795650		
Utm e:	598541		
Utm n:	3632495		
Topo:	Charleston		
Elev:	0		
Owner:	W. R. Grace Co.	Owner well:	Not Reported
Location:	Fertilizer Plant	Use:	Industrial
Depth d:	0		
Depth c:	220		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	250		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	Wl:	Not Reported
Wl yr:	Not Reported	Driller:	Not Reported
Site id:	SCWC30000003159		

B13
SE
1/2 - 1 Mile
Higher

SC WELLS **SCWC30000003158**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Conum:	CHN-582	Scgrid:	18DD-b2
Latn:	324940		
Longn:	795650		
Utm e:	598541		
Utm n:	3632495		
Topo:	Charleston		
Elev:	0		
Owner:	W. R. Grace Co.	Owner well:	Not Reported
Location:	Fertilizer Plant	Use:	Industrial
Depth d:	0		
Depth c:	240		
Diam 1:	0		
Diam 2:	Not Reported	Oh cas:	Not Reported
Screen t:	0		
Screen b:	0		
Drill yr:	Not Reported	Drill mo:	Not Reported
Yield:	300		
Yield yr:	Not Reported	G logs:	Not Reported
D logs:	0		
P test:	0		
Chem:	Not Reported	Wl:	Not Reported
Wl yr:	Not Reported	Driller:	Not Reported
Site id:	SCWC30000003158		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CHARLESTON County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 29405

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 803-734-9494

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Natural Resources
Telephone: 803-734-6440
Water wells in the Coastal Plain counties of South Carolina

Water Well Database
Source: Department of Natural Resources
Telephone: 864-654-1671
A listing of water wells in the Piedmont (upstate) counties.

OTHER STATE DATABASE INFORMATION

RADON

State Database: SC Radon
Source: Department of Health & Environmental Control
Telephone: 864-241-1090
Radon Test Results by Zip Code

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX V

HISTORICAL RESEARCH DOCUMENTATION

Port Access Road
Spruill Avenue
North Charleston, SC 29405

Inquiry Number: 2915406.4
November 15, 2010

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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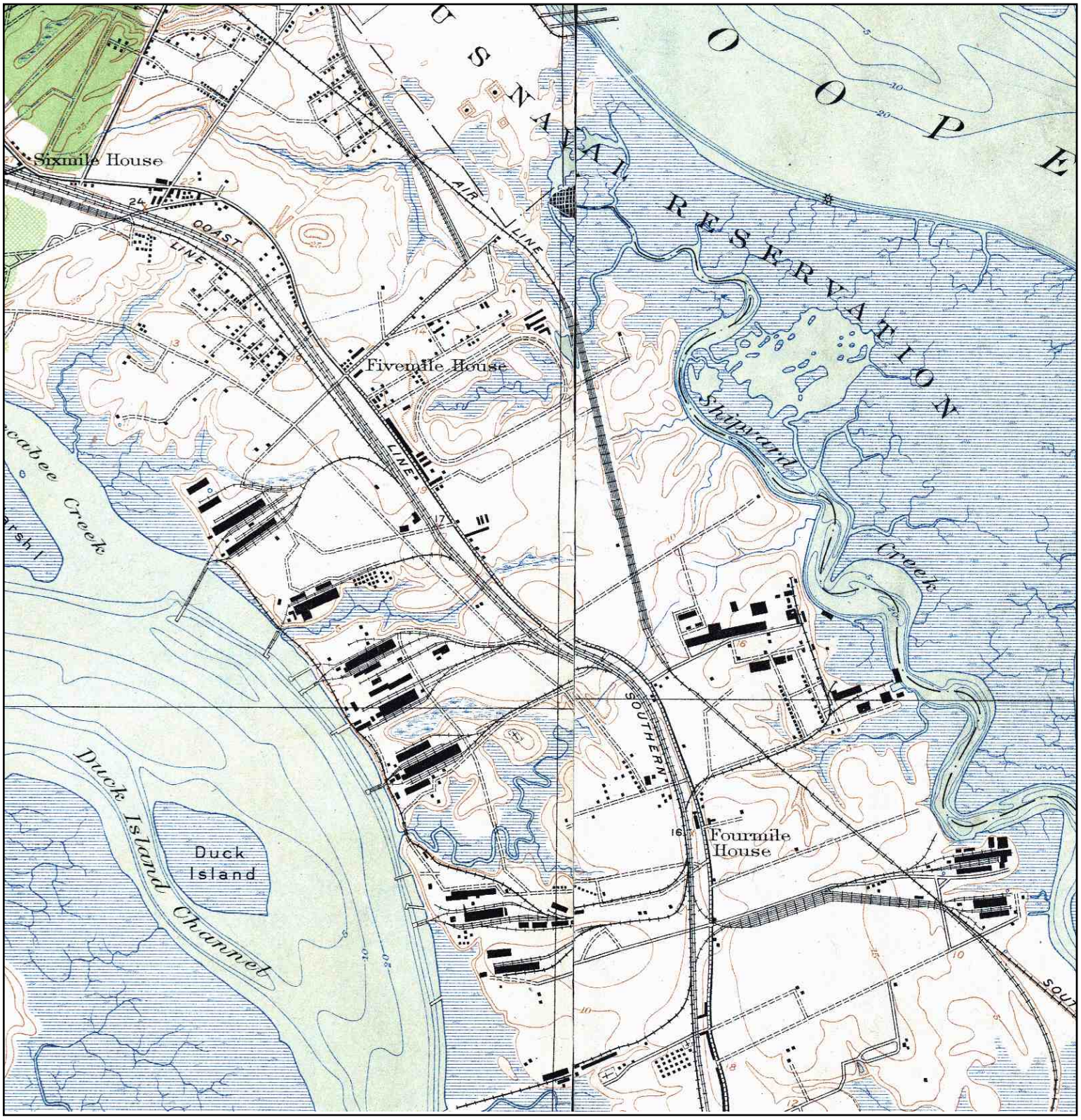
Historical Topographic Map



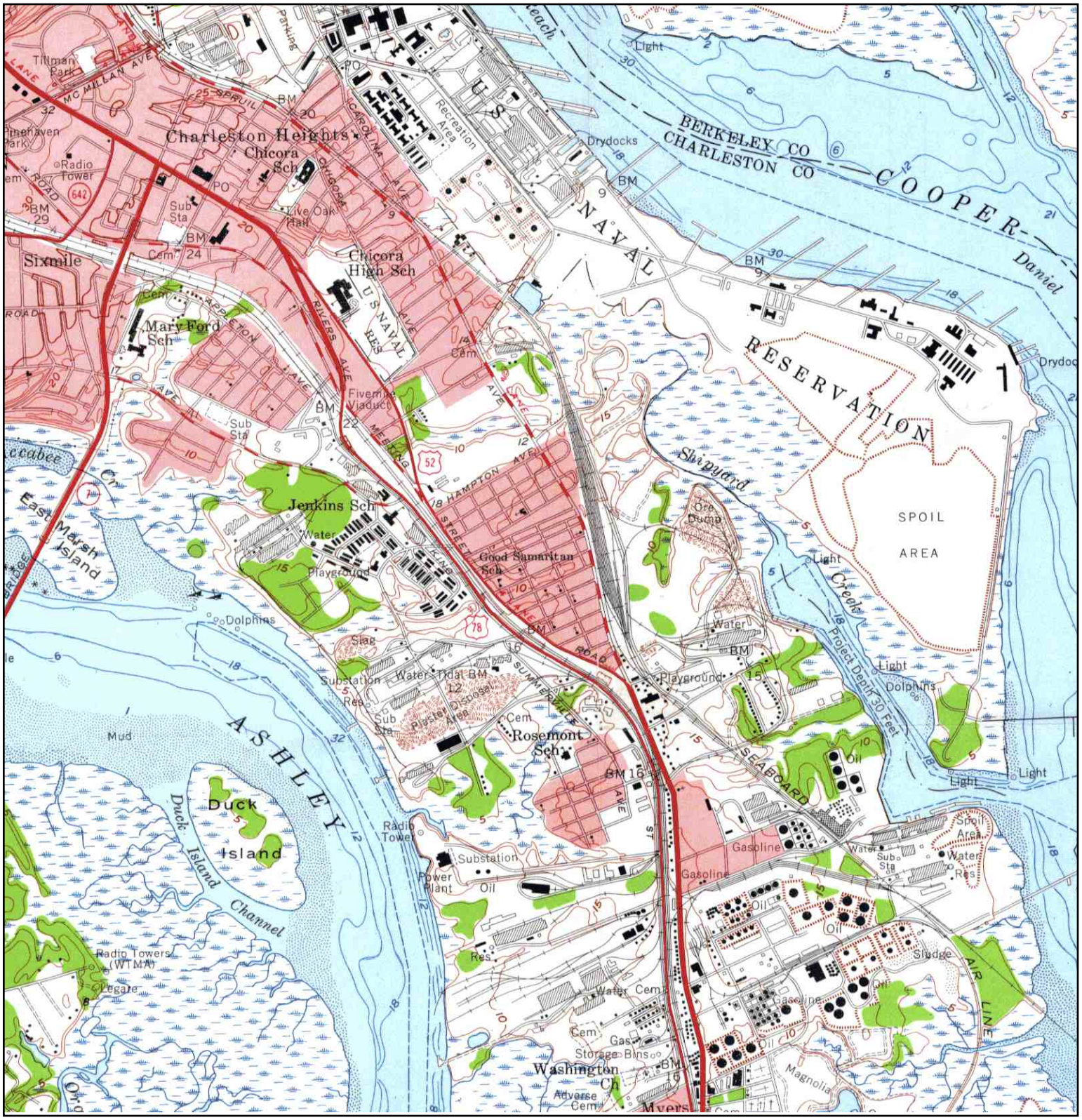
N	TARGET QUAD		SITE NAME:	Port Access Road	CLIENT:	S&ME
	NAME:	CHARLESTON	ADDRESS:	Spruill Avenue	CONTACT:	Mary Beth Cline
	MAP YEAR:	1919		North Charleston, SC 29405	INQUIRY#:	2915406.4
			LAT/LONG:	32.8387 / -79.9584	RESEARCH DATE:	11/15/2010
	SERIES:	7.5				
	SCALE:	1:21120				

Historical Topographic Map



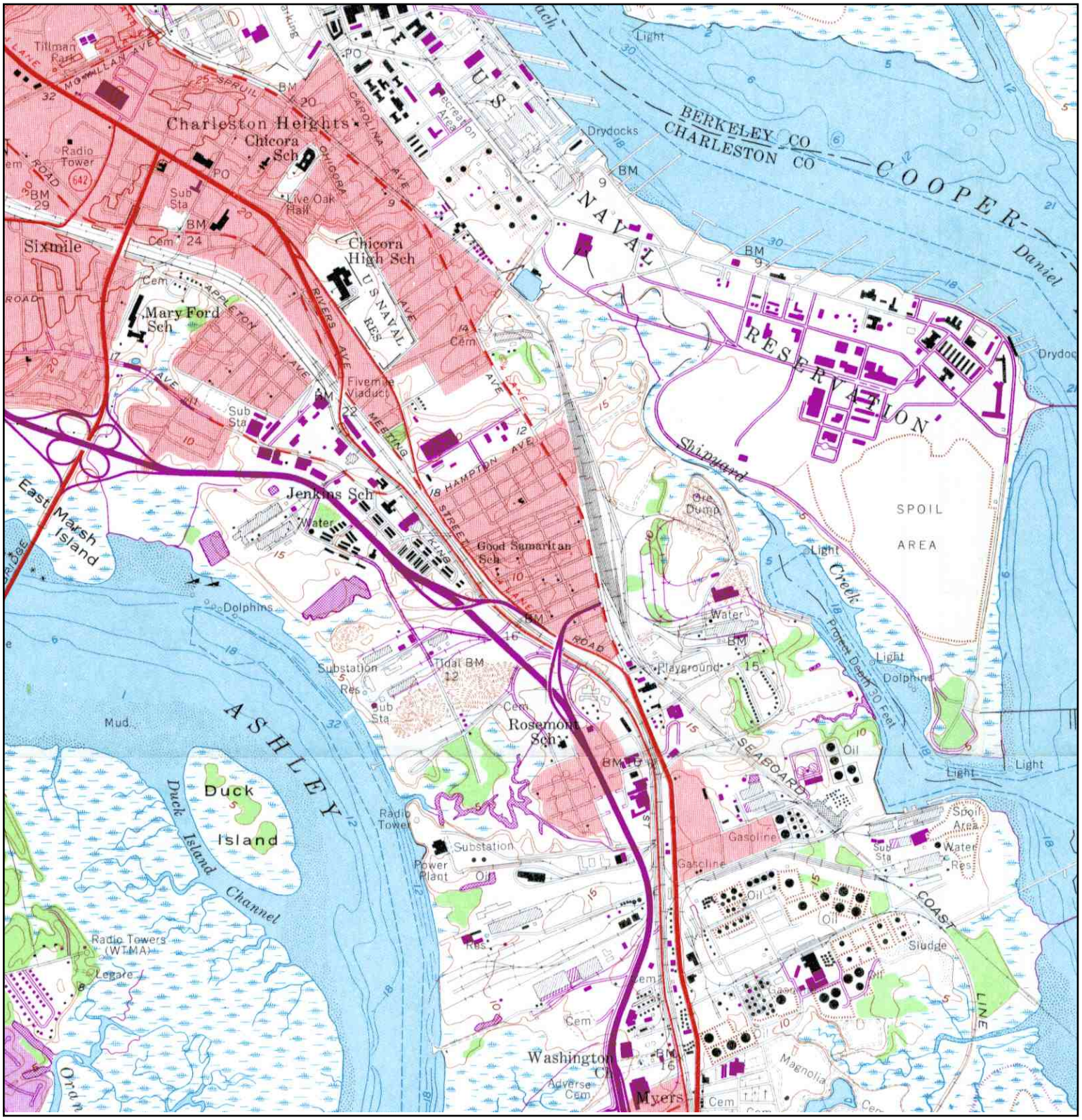
N	TARGET QUAD NAME: CHARLESTON MAP YEAR: 1943 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Port Access Road ADDRESS: Spruill Avenue North Charleston, SC 29405 LAT/LONG: 32.8387 / -79.9584	CLIENT: S&ME CONTACT: Mary Beth Cline INQUIRY#: 2915406.4 RESEARCH DATE: 11/15/2010

Historical Topographic Map



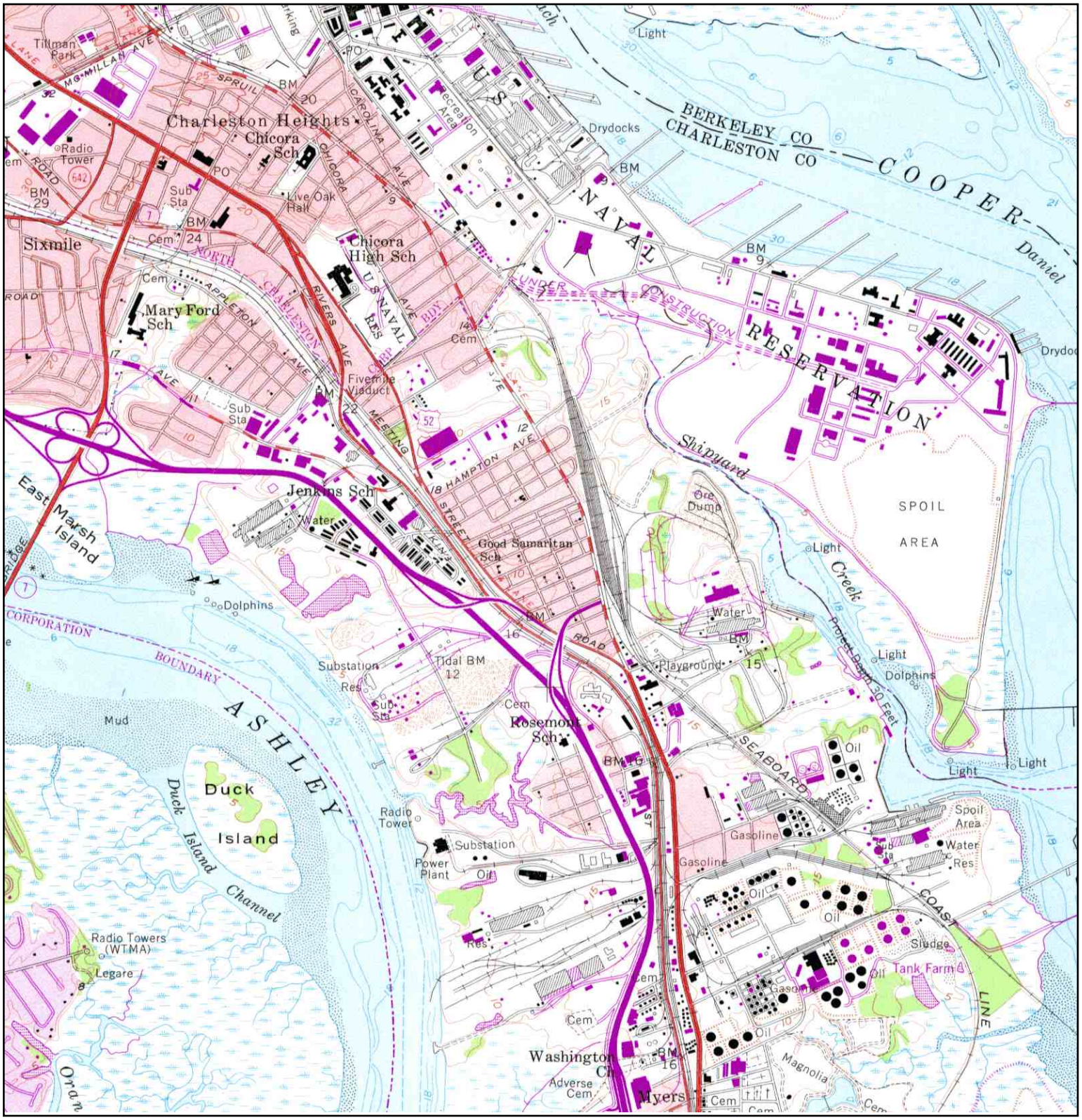
N	TARGET QUAD NAME: CHARLESTON MAP YEAR: 1958 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Port Access Road ADDRESS: Spruill Avenue North Charleston, SC 29405 LAT/LONG: 32.8387 / -79.9584	CLIENT: S&ME CONTACT: Mary Beth Cline INQUIRY#: 2915406.4 RESEARCH DATE: 11/15/2010

Historical Topographic Map



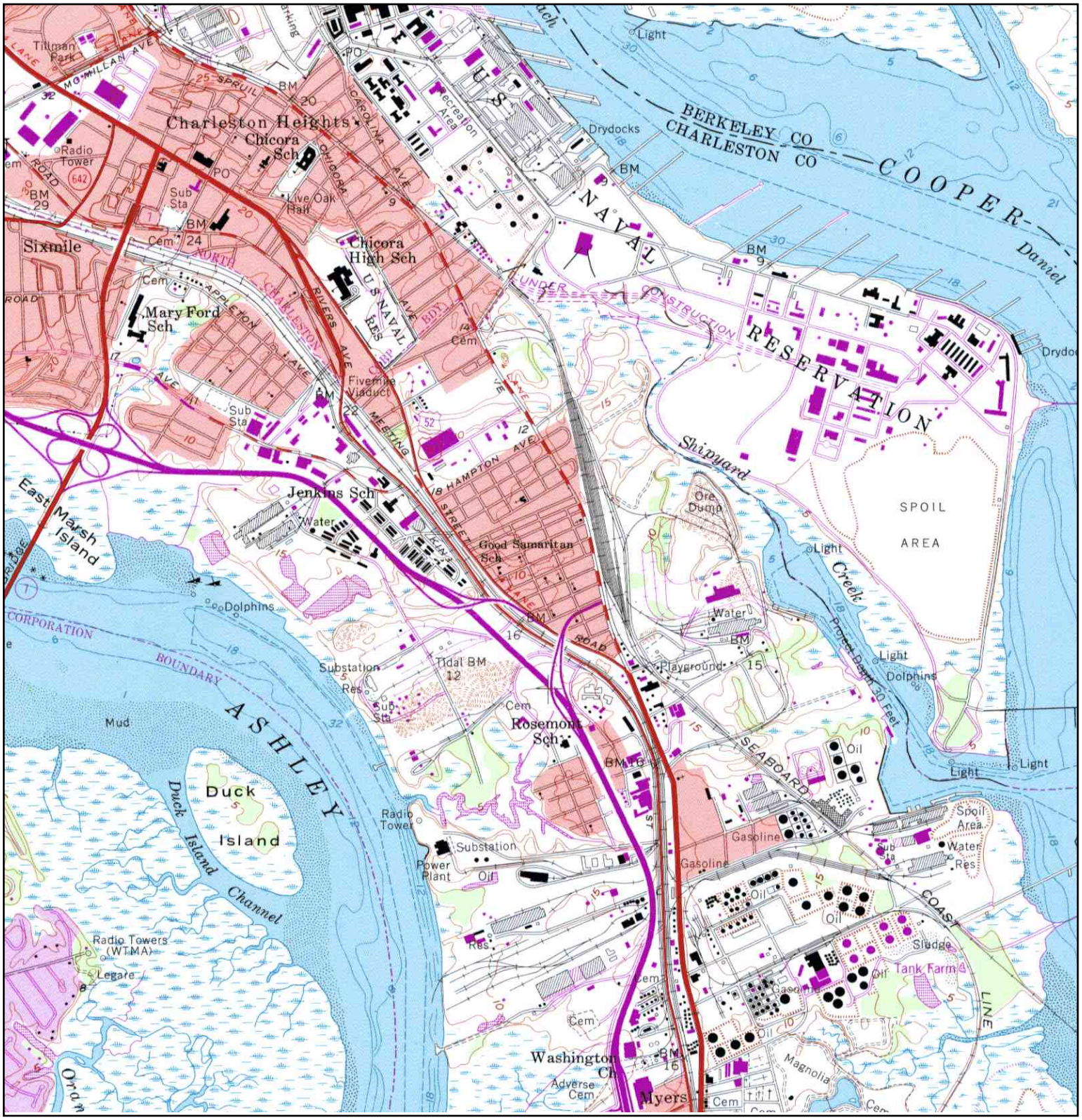
N	TARGET QUAD NAME: CHARLESTON MAP YEAR: 1971 PHOTOREVISED:1958 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Port Access Road ADDRESS: Spruill Avenue North Charleston, SC 29405 LAT/LONG: 32.8387 / -79.9584	CLIENT: S&ME CONTACT: Mary Beth Cline INQUIRY#: 2915406.4 RESEARCH DATE: 11/15/2010

Historical Topographic Map



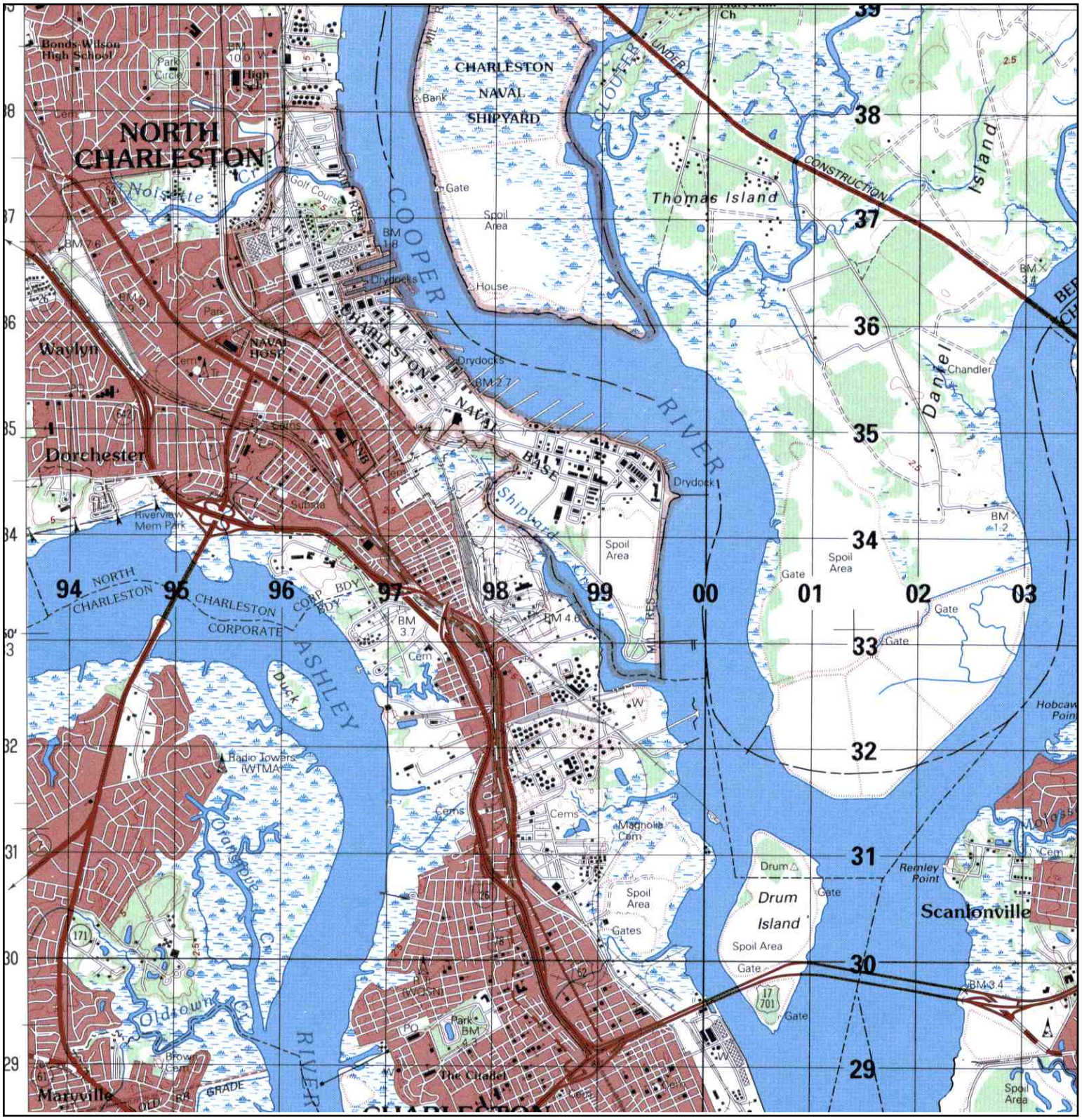
N	TARGET QUAD NAME: CHARLESTON MAP YEAR: 1979 PHOTOREVISED:1958 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Port Access Road ADDRESS: Spruill Avenue North Charleston, SC 29405 LAT/LONG: 32.8387 / -79.9584	CLIENT: S&ME CONTACT: Mary Beth Cline INQUIRY#: 2915406.4 RESEARCH DATE: 11/15/2010

Historical Topographic Map



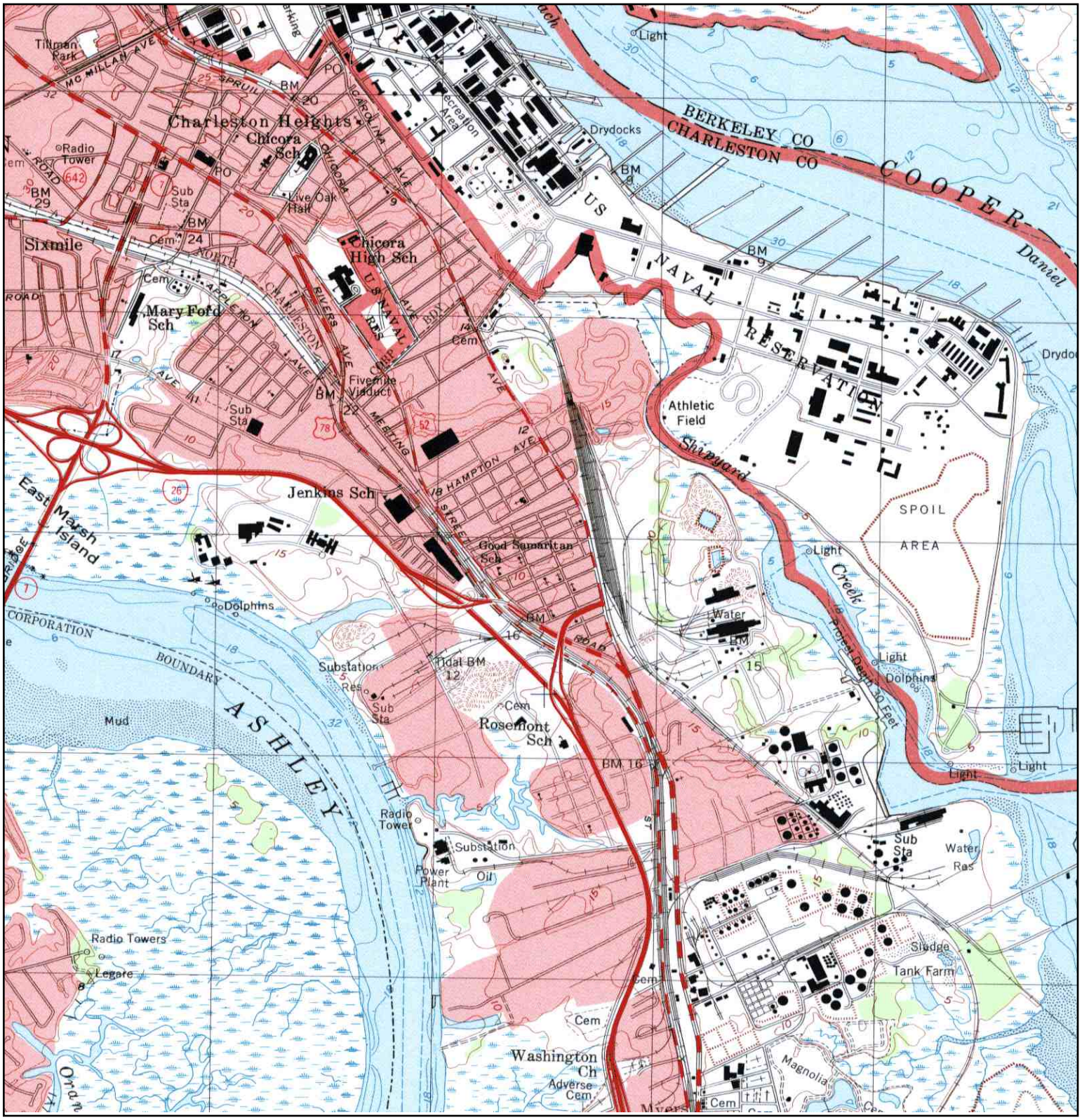
N	TARGET QUAD				
	NAME:	CHARLESTON	SITE NAME:	Port Access Road	CLIENT: S&ME
	MAP YEAR:	1983	ADDRESS:	Spruill Avenue	CONTACT: Mary Beth Cline
	PHOTOINSPECTED:	1958		North Charleston, SC 29405	INQUIRY#: 2915406.4
	SERIES:	7.5	LAT/LONG:	32.8387 / -79.9584	RESEARCH DATE: 11/15/2010
	SCALE:	1:24000			

Historical Topographic Map



N	TARGET QUAD NAME: CHARLESTON MAP YEAR: 1988 SERIES: 15 SCALE: 1:50000	SITE NAME: Port Access Road ADDRESS: Spruill Avenue North Charleston, SC 29405 LAT/LONG: 32.8387 / -79.9584	CLIENT: S&ME CONTACT: Mary Beth Cline INQUIRY#: 2915406.4 RESEARCH DATE: 11/15/2010

Historical Topographic Map



N	TARGET QUAD NAME: CHARLESTON MAP YEAR: 1994 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Port Access Road ADDRESS: Spruill Avenue North Charleston, SC 29405 LAT/LONG: 32.8387 / -79.9584	CLIENT: S&ME CONTACT: Mary Beth Cline INQUIRY#: 2915406.4 RESEARCH DATE: 11/15/2010

Historical Aerial Photographs

1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

Source: Natural Resources Conservation Service

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1939
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING · TESTING · ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. A1



1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

Source: University of South Carolina Mapping Library

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1949
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
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SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. A2

1000 5000 0 1000 2000

SCALE IN FEET

LEGEND

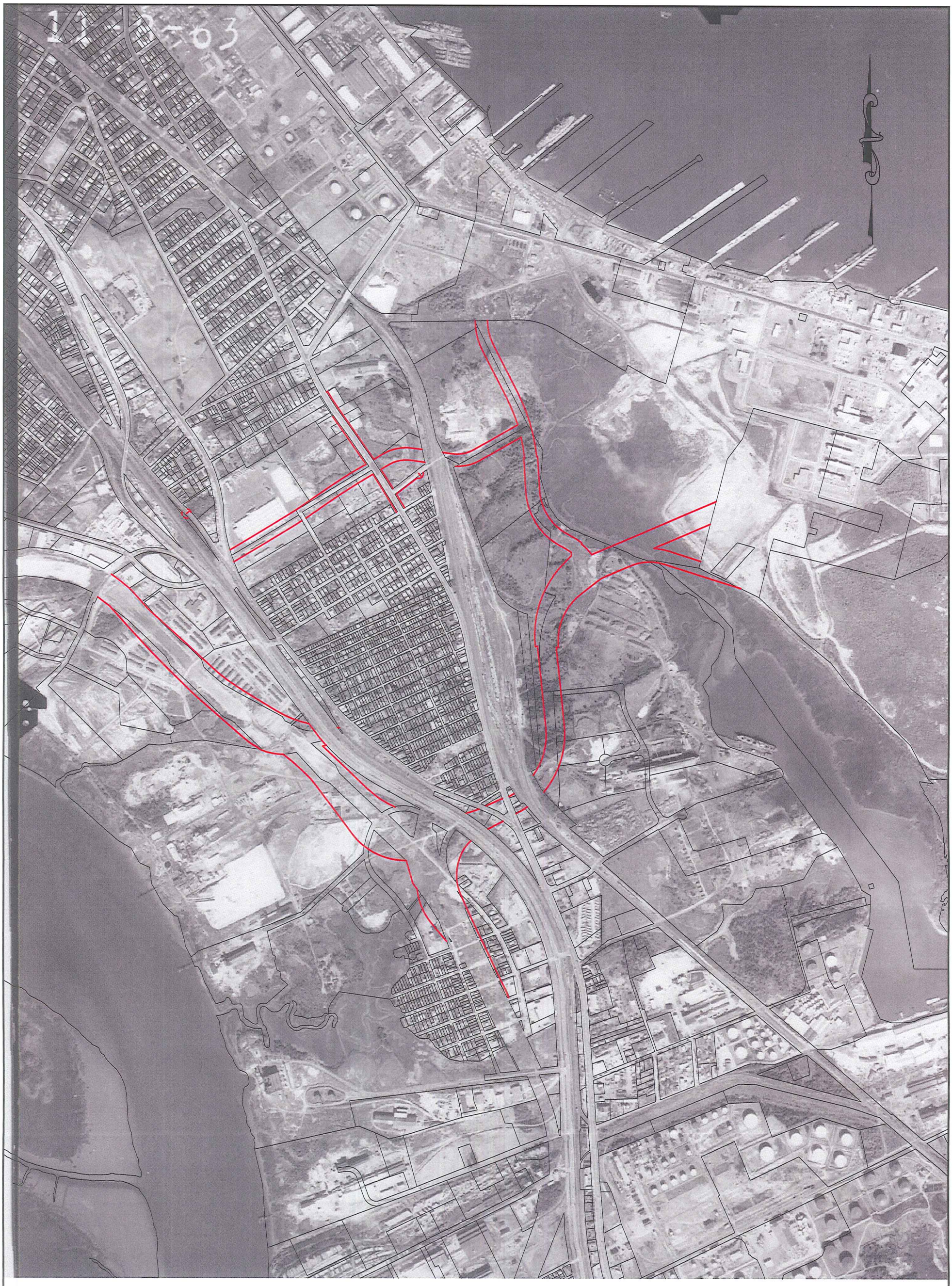
PROPOSED DOT RIGHT OF WAY

Source: University of South Carolina Mapping Library

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1954
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING · TESTING · ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131-08-554	APPROVED BY: MEC
DATE: 1-24-11	FIGURE NO. A3



1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

Source: University of South Carolina Mapping Library

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1963
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

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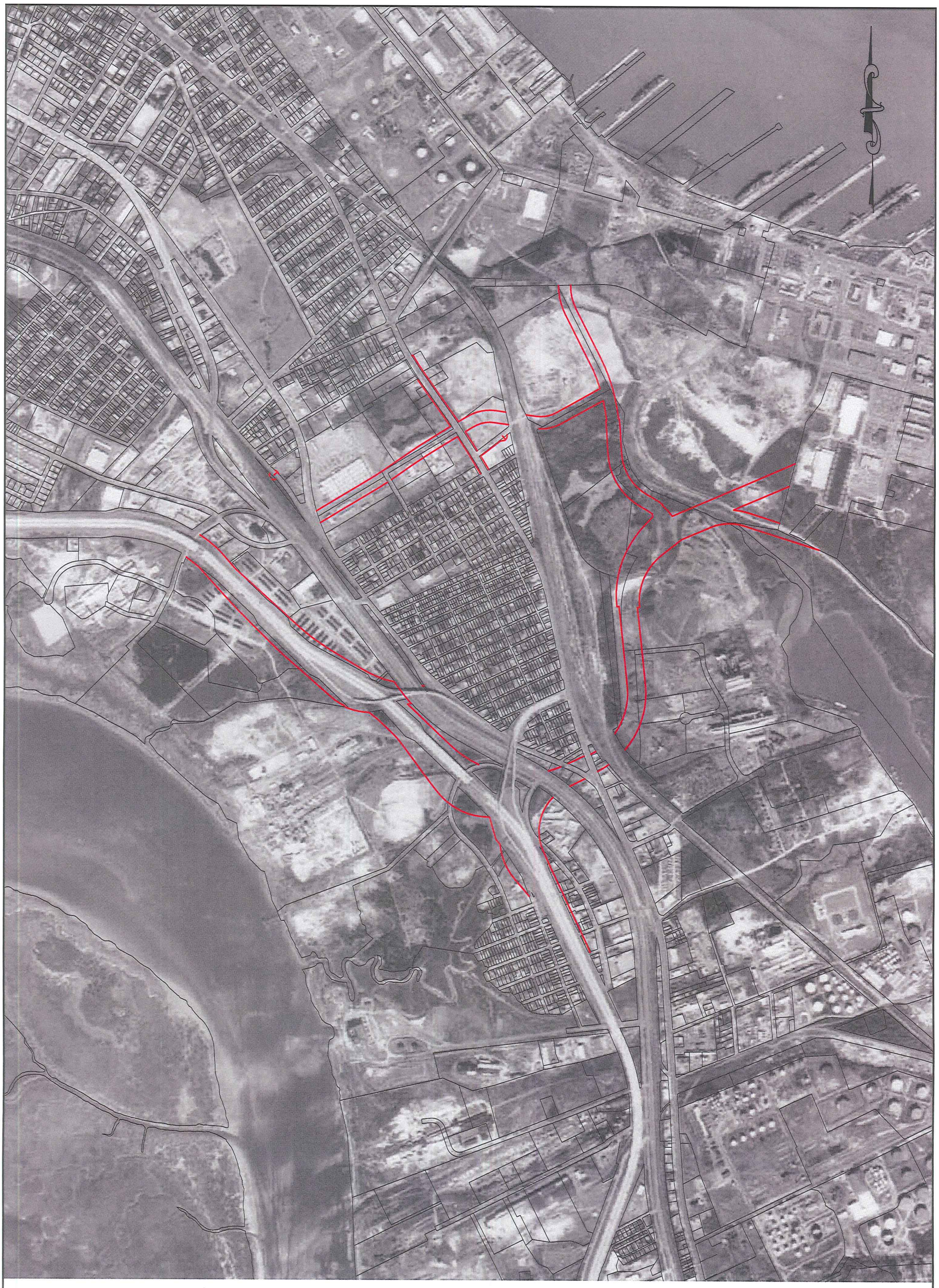
SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–21–11	FIGURE NO. A4



1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

Source: University of South Carolina Mapping Library

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1973
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

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SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. A5



1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

Source: University of South Carolina Mapping Library

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1979
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

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SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. A6



1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

Source: South Carolina Department of Natural Resources

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1994
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

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SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131–08–554	APPROVED BY: MEC
DATE: 1–24–11	FIGURE NO. A7



1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

Source: South Carolina Department of Natural Resources

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 1999
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING · TESTING · ENVIRONMENTAL SERVICES

SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131-08-554	APPROVED BY: MEC
DATE: 1-24-11	FIGURE NO. A8

1000 500 0 1000 2000

SCALE IN FEET

LEGEND

PROPOSED DOT RIGHT OF WAY

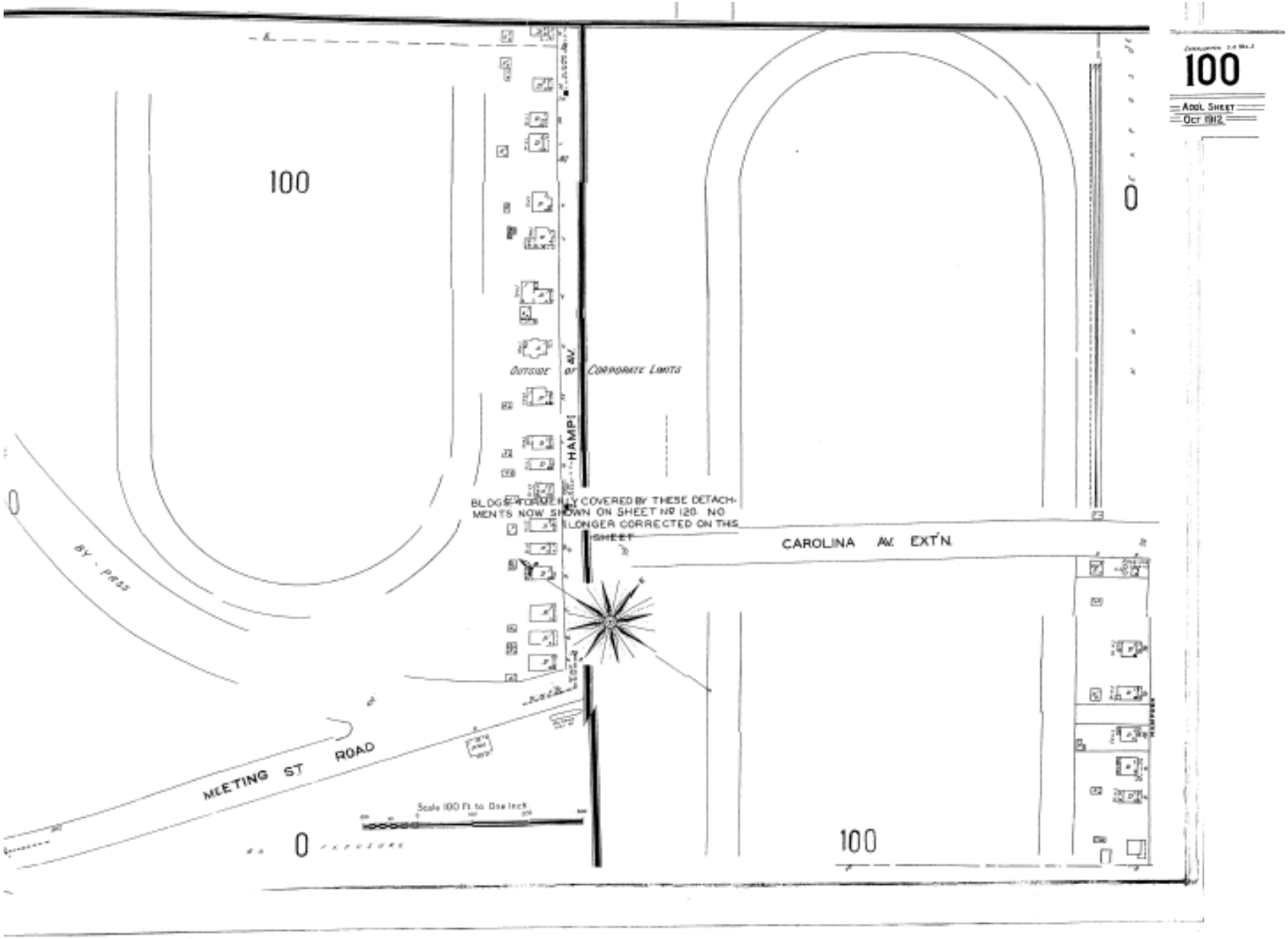
Source: South Carolina Department of Natural Resources

PHASE I ENVIRONMENTAL SITE ASSESSMENT
AERIAL IMAGERY - 2006
PORT ACCESS ROAD
NORTH CHARLESTON, SOUTH CAROLINA

S&ME
ENGINEERING · TESTING · ENVIRONMENTAL SERVICES

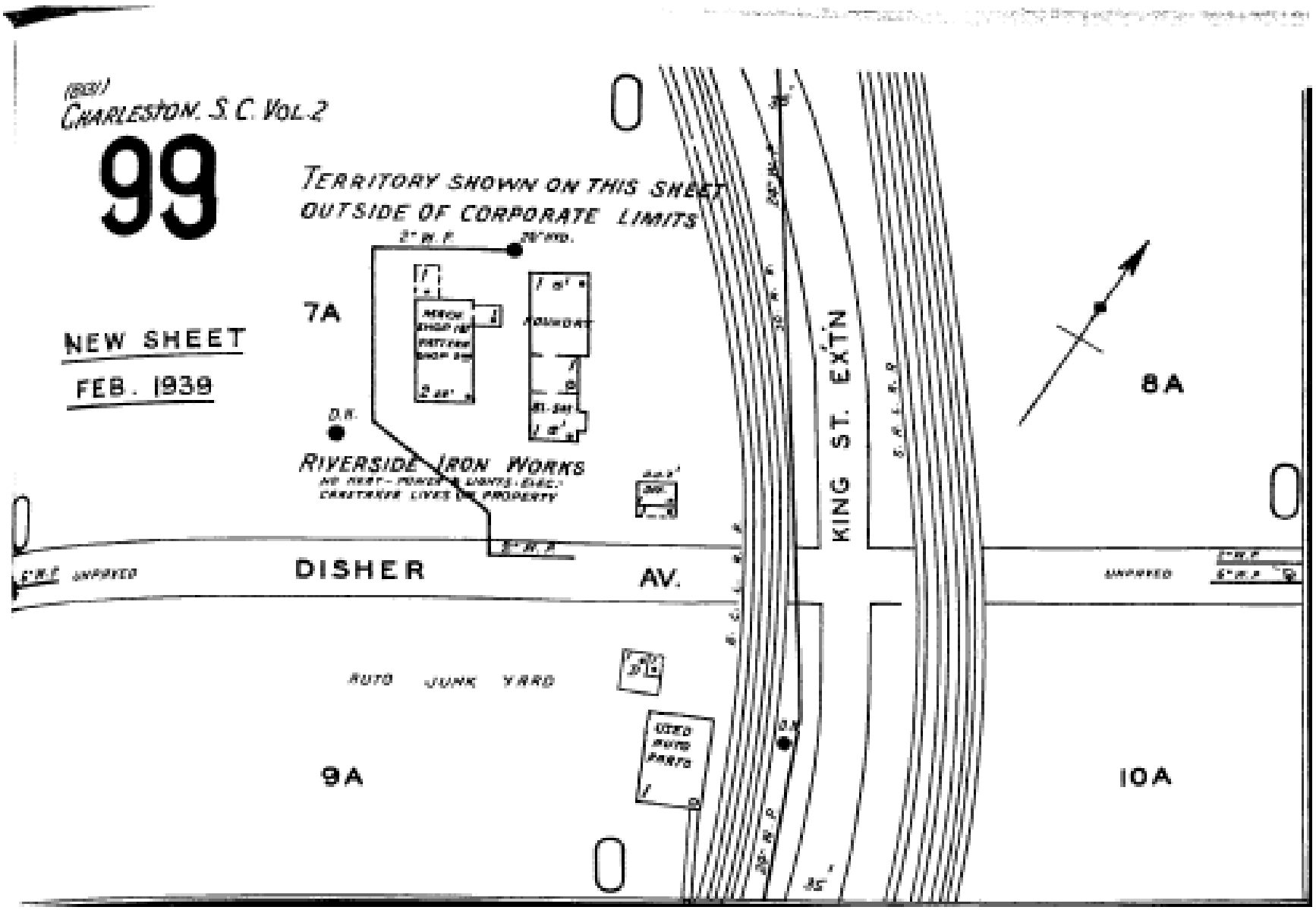
SCALE: AS SHOWN	DRAWN BY: LAJ
PROJECT NO. 1131-08-554	APPROVED BY: MEC
DATE: 1-24-11	FIGURE NO. A9

Historical Sanborn Maps



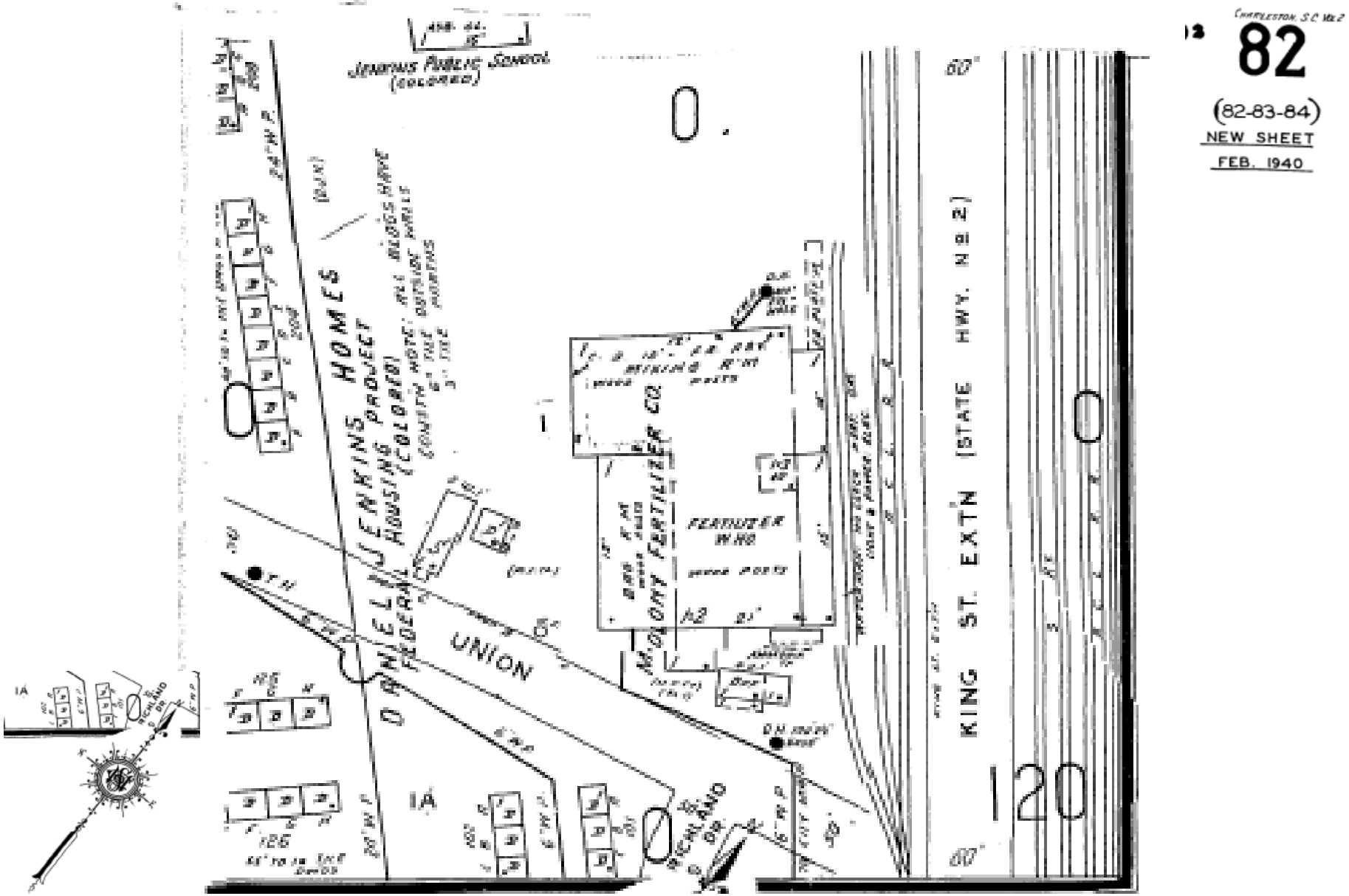
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 100 October 1912



Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 99 February 1939

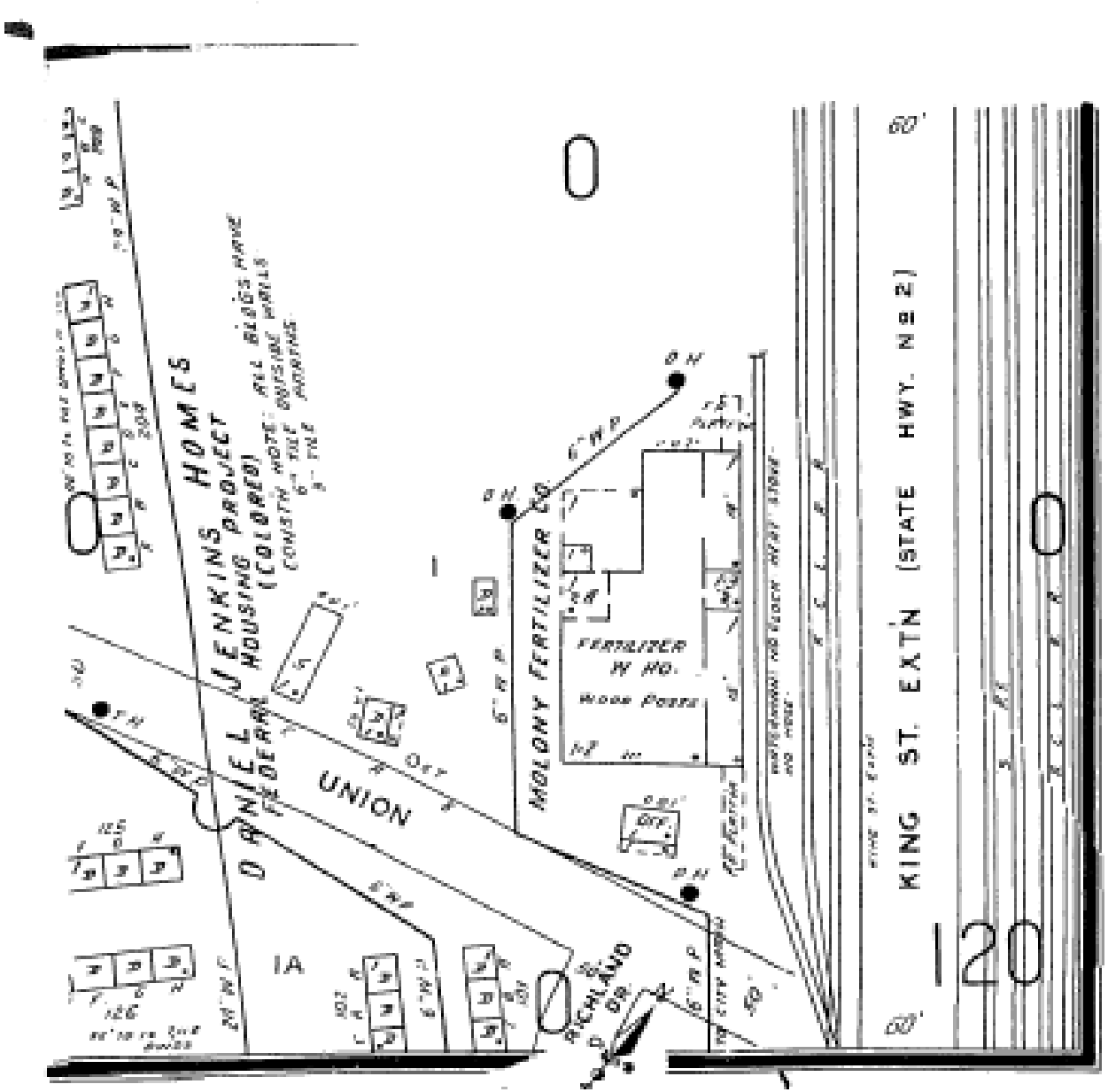


82

(82-83-84)
NEW SHEET
FEB. 1940

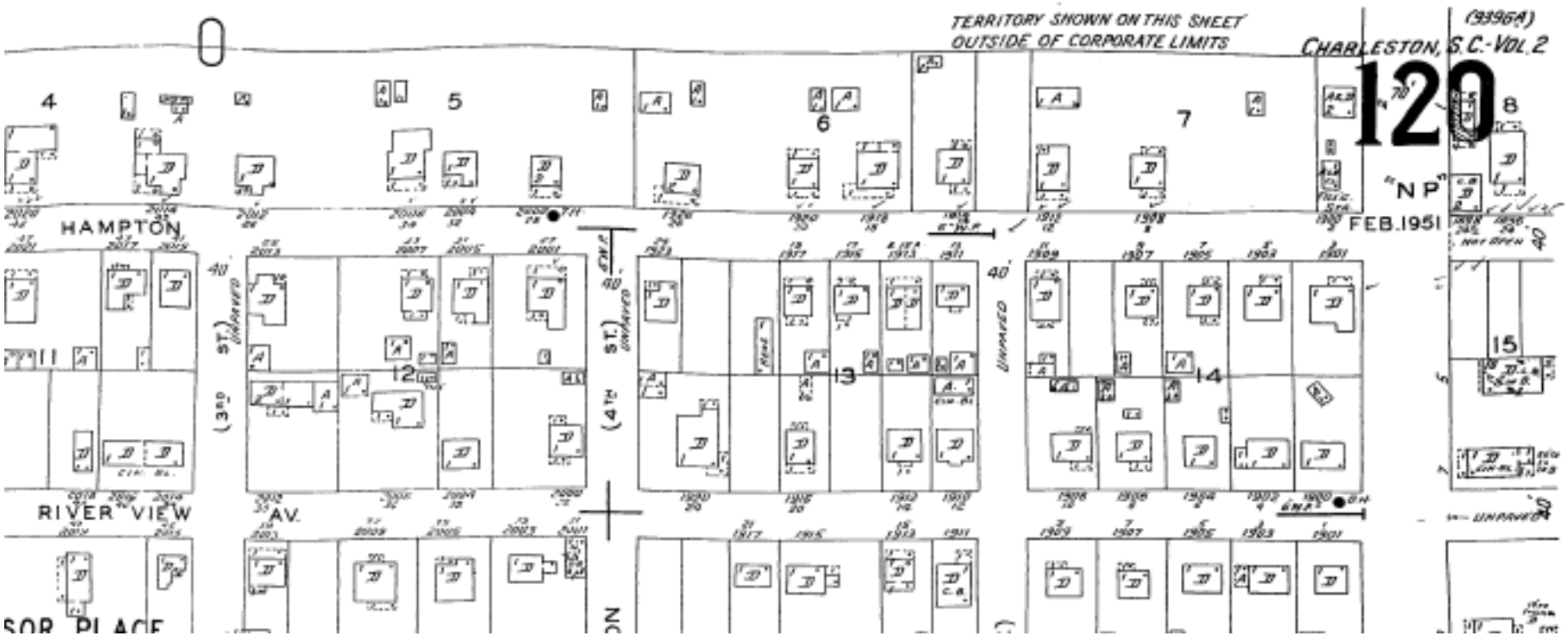
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 82 February 1940



Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 82 February 1940



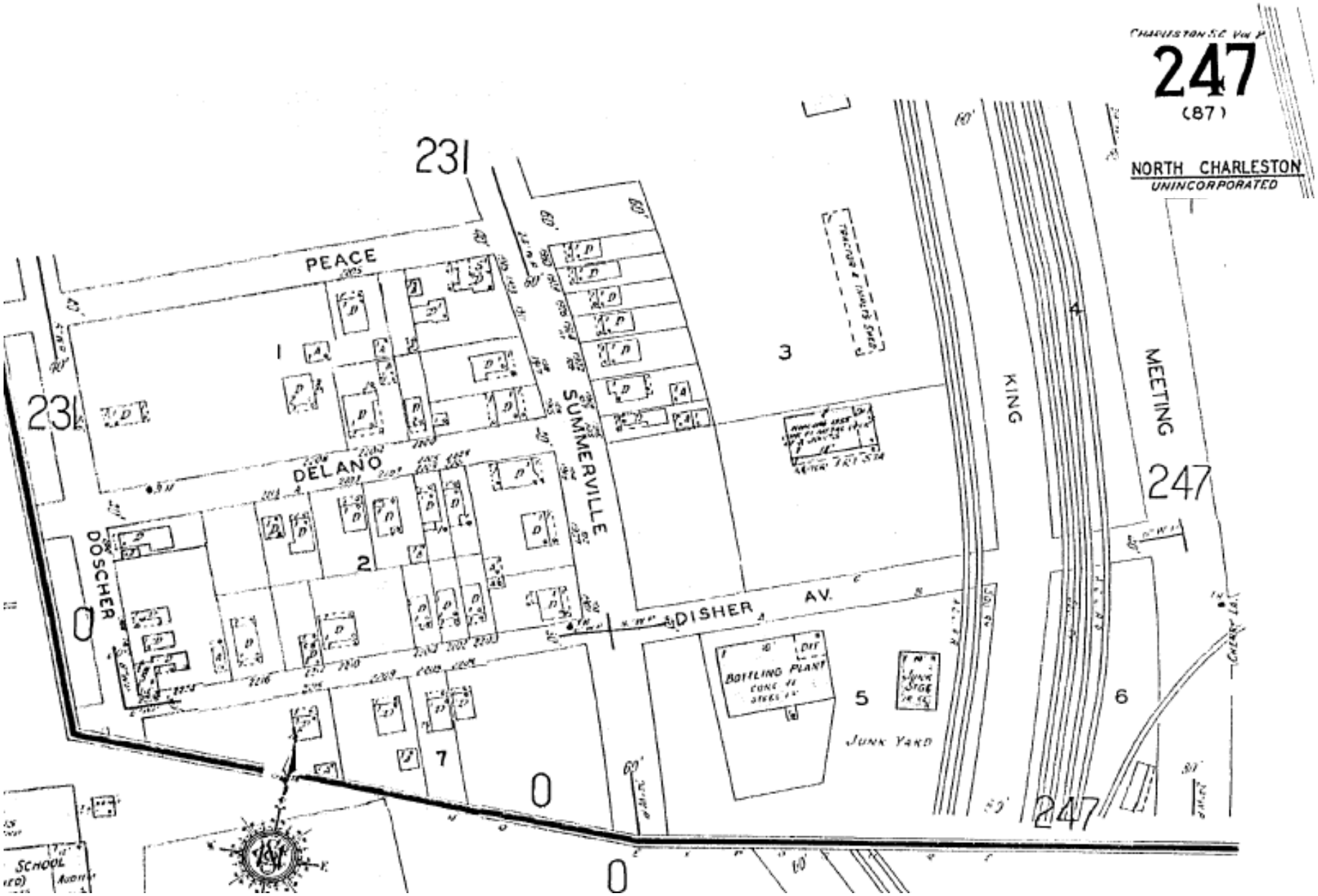
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 120 February 1951



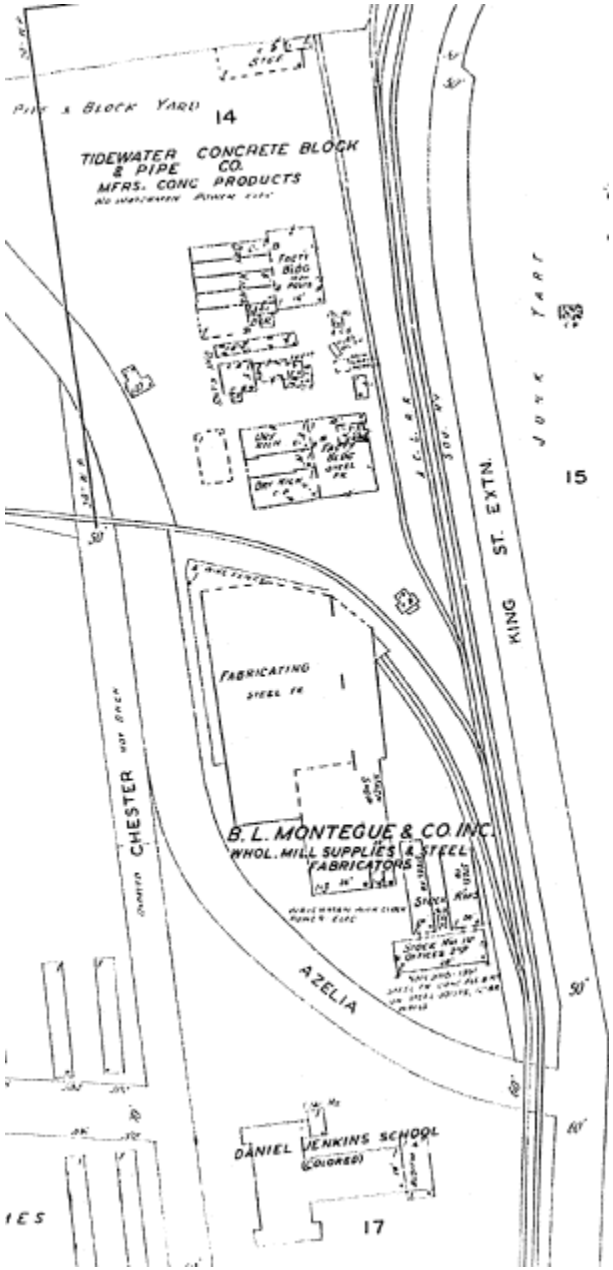
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

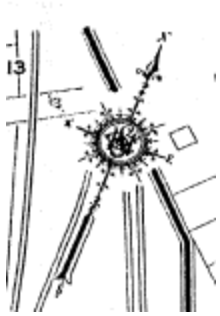
Sanborn Map Sheet 120 February 1951

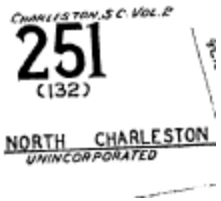


Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 247- In the 1955 maps

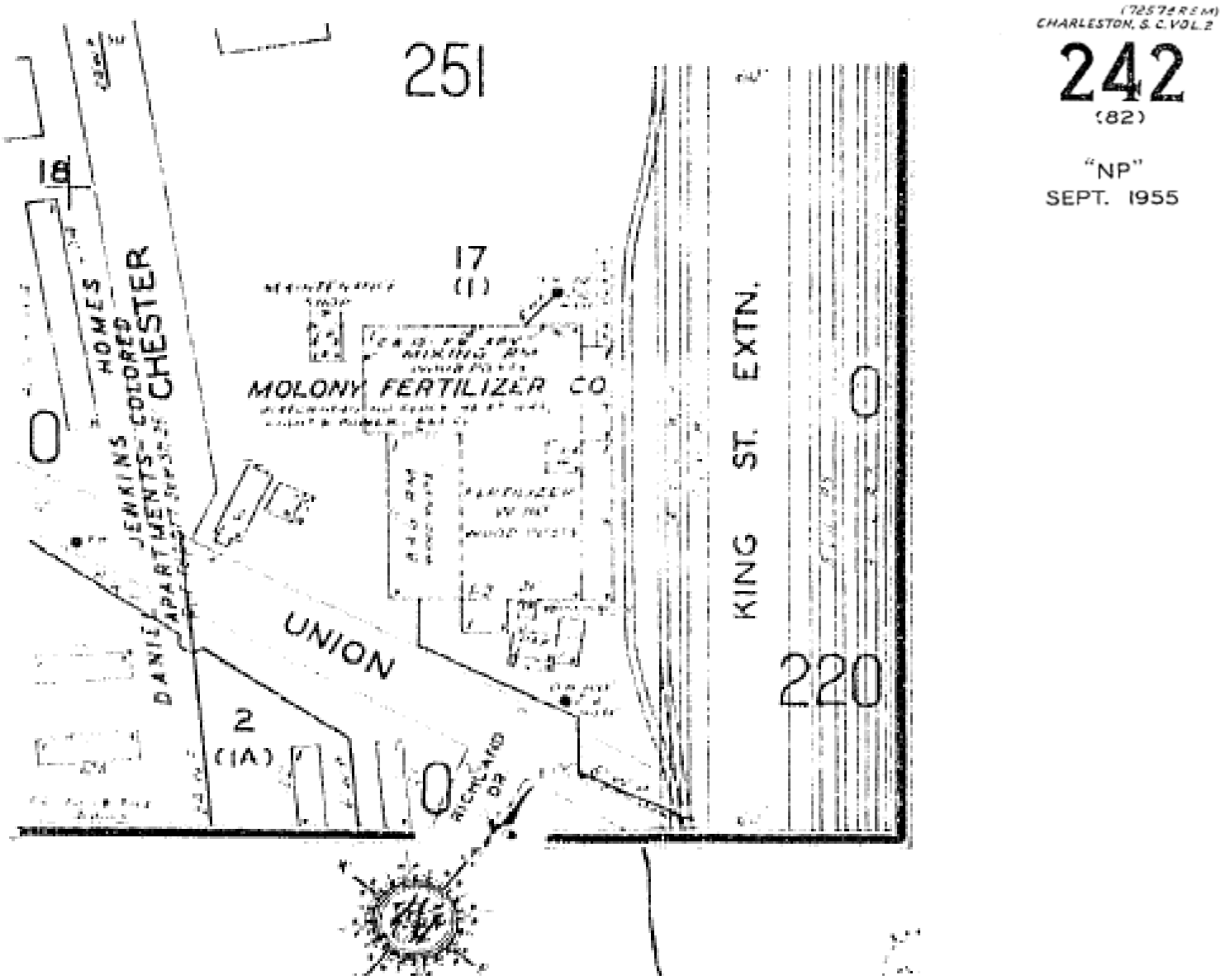






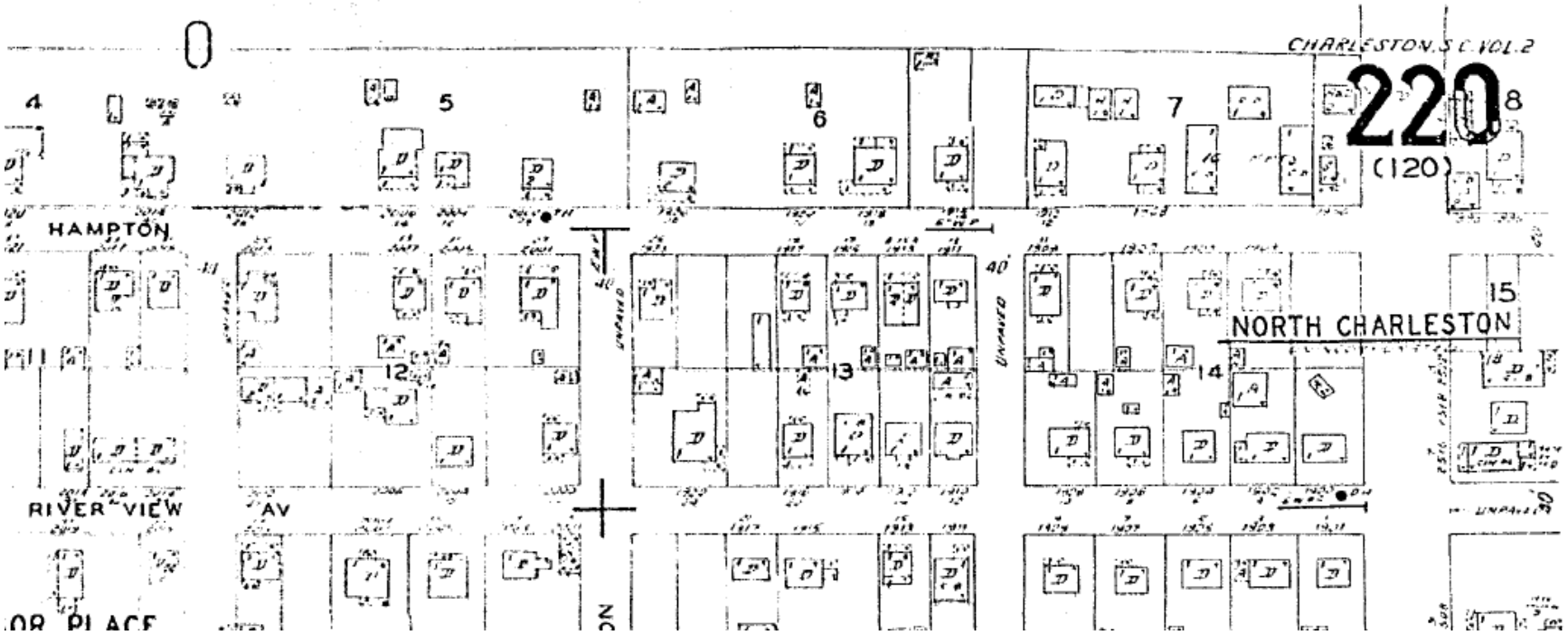
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

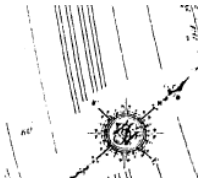
Sanborn Map Sheet 251- In the 1955 maps



Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

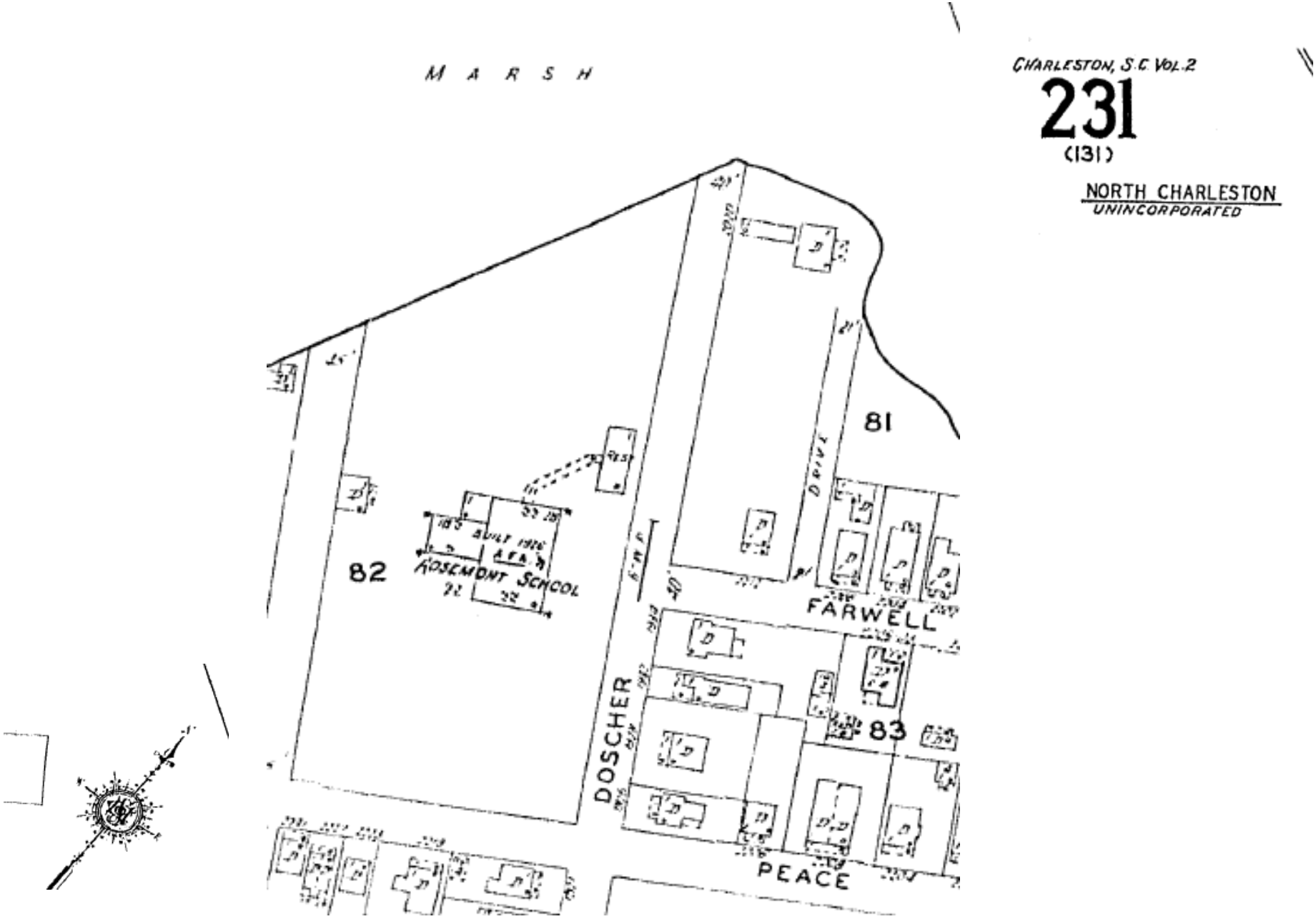
Sanborn Map Sheet 242 September 1955





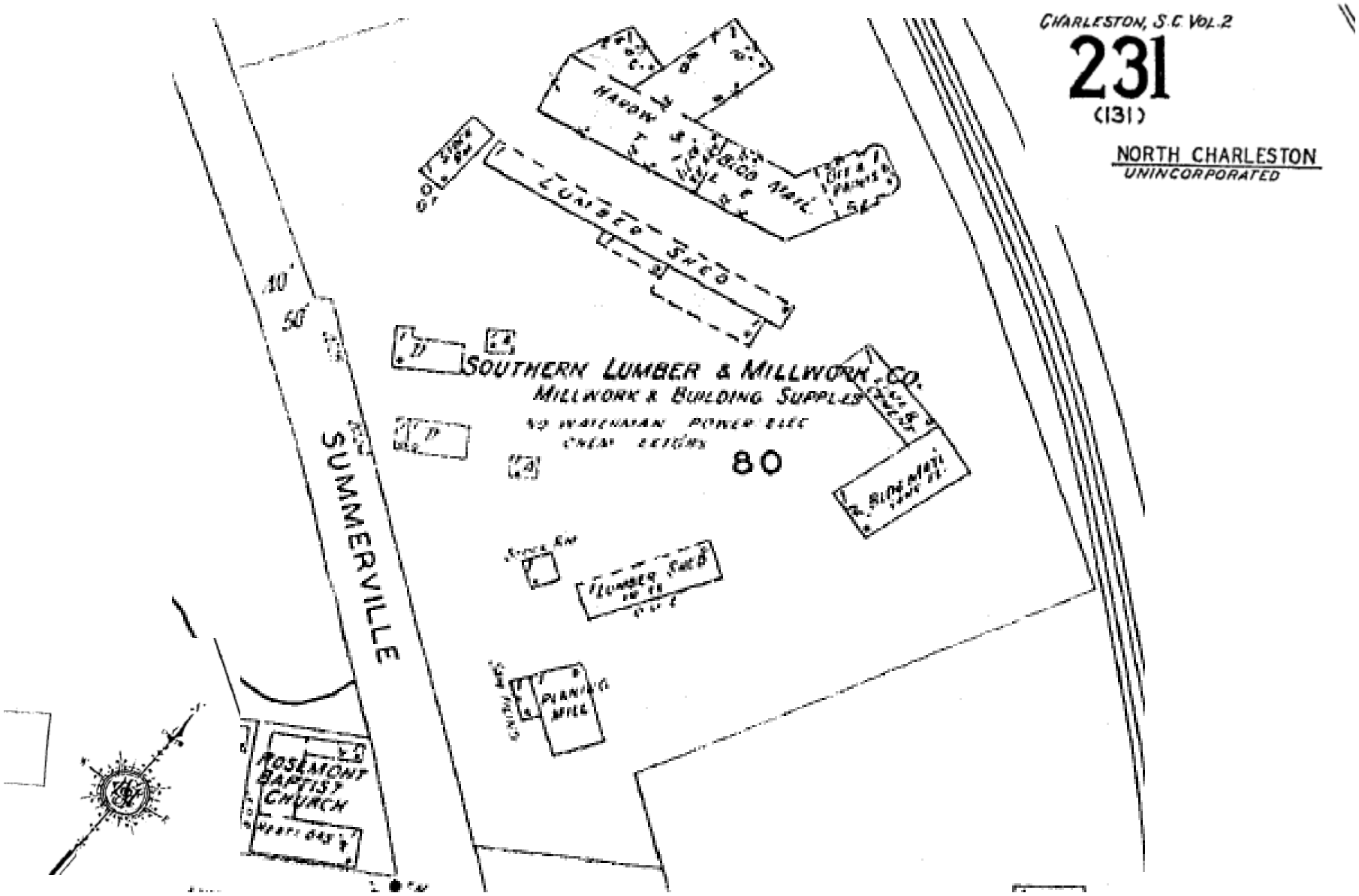
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 220- In the 1955 maps



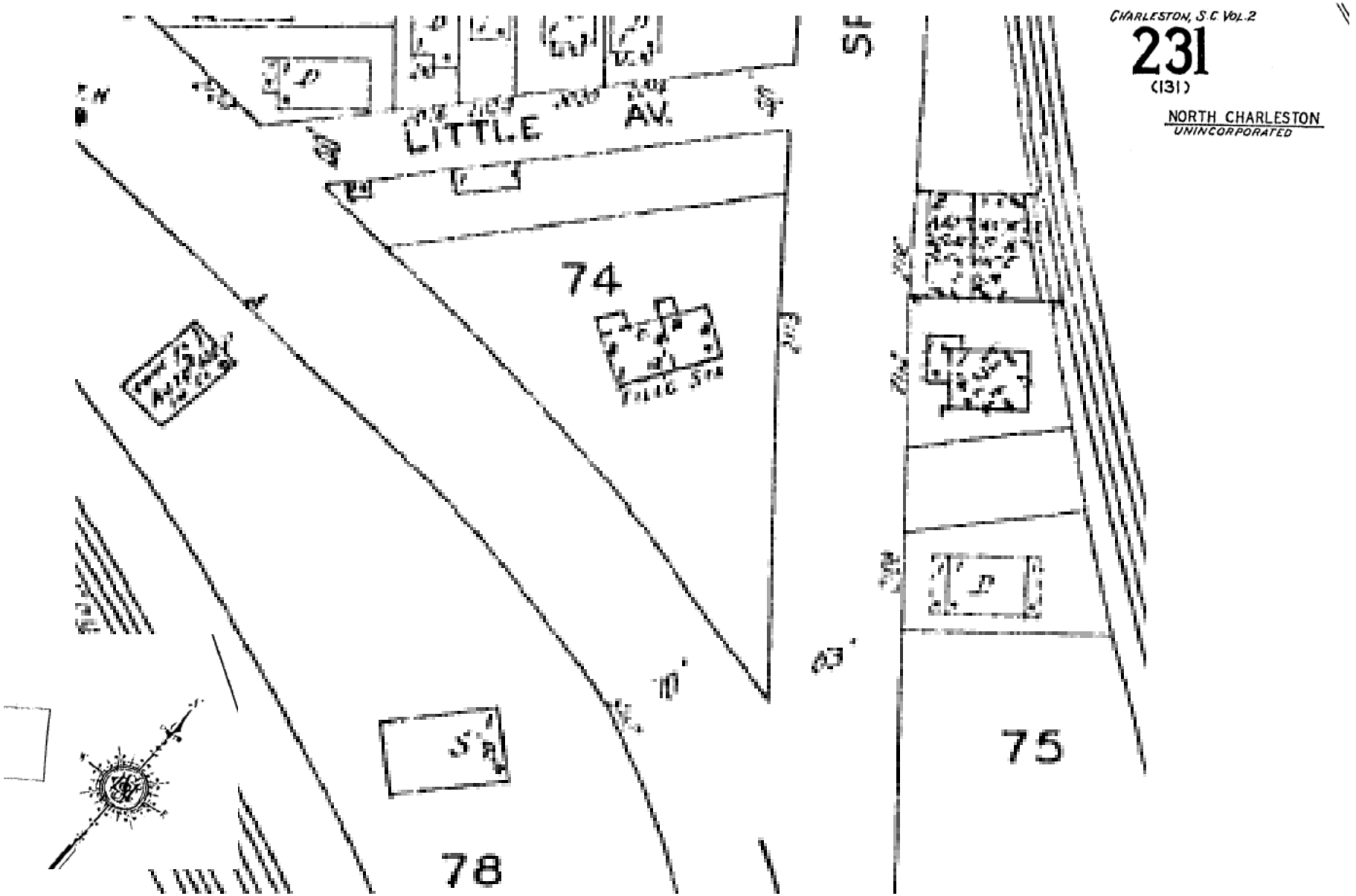
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 231- In the 1955 maps



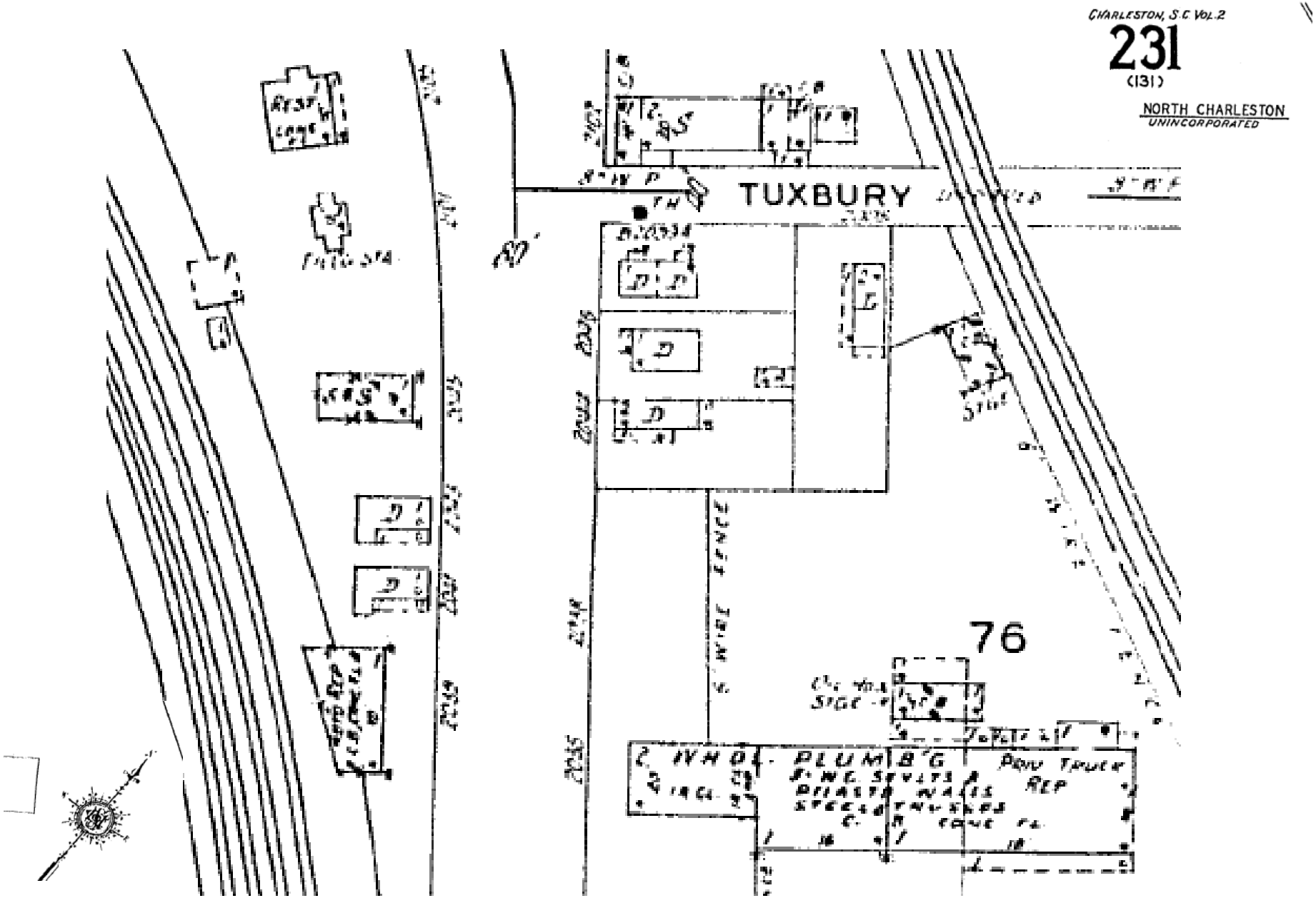
Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 231- In the 1955 maps



Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 231- In the 1955 maps



Port Access Road
North Charleston, South Carolina
S&ME Project No. 1131-08-554

Sanborn Map Sheet 231- In the 1955 maps

City Directory Summary

Austin Avenue

29	Robert's Housewrecking Co	1975	1970		
2025	Liquid Transport Corp trucking-liquid and dry bulk	2009	2005		
	Sea Coast Equipment Inc construction equipment	1990			
	Diesel Engineers Inc	1980	1975		
2045	Evans Delivery Co trucking-motor freight	2009			
	Apex Logistics Inc trucking-heavy hauling	2005			
	JRBT trucking	2000			
	Sea Lane Express trucking	2000			
	Total Package Express	2000			
	Atlantic Container Service	1996			
2079	Adventures in Boating ship builders and repairers	2009			
	Adventures in Boating boats- rental and repair	2005	1996		
	Ashley River Industries manufactures	2009	1990		
	Carolina Engineering Design engineers-electronic	2009	2005		
	Dolphin Cove Marina	2009	2005	1996	1990
	Mictronics Inc computers-electronic-manufacturers	2009	2005	1996	1990
2390	Rice Grocery	1985	1980		

Baker Hospital Blvd

1375	Driftwood Nursing	2005	
	Driftwood Rehab & Nursing	2009	
2375	Driftwood Rehab & Nursing	2009	
	Integrated Health Svc	2009	
	Integrated Health Services of Charleston at Driftwood	2009	2000
2381	Able Equipment Co beauty salons	2009	
	Sunbelt Rentals Inc	2009	2005
	Charleston Scaffolding	2005	
	Bet Plant Services general construction machinery equipment	2000	
	Vercon Construction	2000	

Carner Avenue

2036	Risher's Upolstery	1990						
	Dorman's One Day Auto Paint & Body Service	1980	1975	1970	1968			
	Dorman's Used Cars	1980	1975	1970	1968			
	Dorman's Motors Repairs	1975	1970	1968				
Tract 46- 2600 Carner and 2600 Meeting Street Road								
2600	Southern Bell Tel & Teleg (side ent)	1985	1980	1975				
2639	McClure's Used Auto Parts	1996	1990					
not #	McClure's Used Auto Parts	1985	1961					
Tract 47- 2650 Carner Avenue								
2650	Associated Transport trucking	2009						
	Garnett Logistics	2009	2005					
	Intermodal Cargo Svc Co	2009						
	Norman C Toole Military Magnet School	2009						
	Container Salvage Co	1985						
	Navsea Warehouse	1985						
	GEX Inc of Charleston general merchandise	1975	1970					
	Armour Oil gas station	1975	1970					
	Armour Oil Co of Charleston auto parts	1975	1970	1968				
	GEX Paint Department	1975	1970					
	GEX Laundry & Cleaners	1968						
2663	McClure's Garage auto repair	1955						
2711	National Wrecking Co house wreckers	1961						
2724	Big Red Inc trucks-industrial	2009						
	Container Salvage Co cargo & freight containers	2009	2005	1996	1990			
2727	U-Do-It Car Wash	1985	1970					
2737	Dukes Body Shop autos	1961						
	Nat's Garage auto repair	1955						
2803	Infinger Transportation Company trucking	2000	1996					
2811	All Carolina Crane Equipment crane service	2009	2005					
	Infinger Transportation Co Inc	1990	1985	1980	1975	1970	1968	1961
not #	Infinger Transportation Co Inc	1955						
2841	Port City Paper Co	2009	2005					
2880	Metro Contracting	2009						
2900	U-Do-It Car Wash	1980	1975	1970	1968			
2950	Military Magnet Academy	2005						
	Norman C Toole Middle School	1996	1990					
not #	Chicora High School	1955						

Discher St
Discher Ave
Disher Ave

1900	Port City Saw & Tool Svc sharpening	2009 2005
	Tri-County Tool Repair Ctr	2009 2005
	Tool Repair and Rentals	1996
	Besco Engineering Inc marine	1996 1990 1985
	Gaskins-Moore Mill Supplies	1996
	Southern Hobgood Transport	1990
	EAM Cabinetry cabtmkr	1990
1934	Stars Limousine Sve	2009 2005
2101	Hendrix Auto Wrecking	1955
	Royal Crown Beverage Co	1955
	Hendrix & Morris Auto Parts Co	1950
2108	Riverside Iron Works	1950
2189	G&S Truck Repair	2009 2005 1996
	Sheppard LE Inc trucking	1990
2200	Anchor Sign	2009 2005
	Anchor Care landscape	2005
	George T Wood & Sons carpet distrs-whol	1990 1985 1980 1975
2226	Brown Montesters Grocery gro	1990
	Rosemont Pantry gro	1985 1980 1975 1970 1968 1961 1955 1950
2228	Williams Pl gro	1950
2238	Henry Lewis gro	1950
end	Russell Transfer Co Inc	1975
	Nehi Beverage Co btlrs	1970
	Royal Crown Bottling Co	1970
not #	Jeff Hunt Machinery Co	1961
	Associated Trans Inc	1961
	Royal Crown Btlg Co	1961

King St Ext

1871	Bekins Van Lines movers	2009				
	Charleston Soap & Candle soaps & detergents-mfrs	2009				
	McCorquodale Transfer nonclassified establishments	2009				
	Yancy Co Inc giftwares-mfrs	2005				
	Braswell Shipyard	1990	1985	1980		
	Southeastern Steel Co	1985	1980	1975	1970	1968
	Duncan Portion Pak Inc frozen foods	1985	1980	1975	1970	
	Charleston Supply Co Inc indus	1985	1980	1975	1970	1968
	Mobil Chemical Co phosphorus division	1985	1980	1975	1970	1968
	SC Electric Gas plant	1985	1980	1975	1970	1968
	Southern Lumber & Millwork Corp	1985	1980	1975	1970	1968
	Charleston Plywood & Lumber Co	1970	1968			
	Ashley Transfer & Storage	1980	1975	1970		
	Modern Moving & Storage Inc	1975	1970			
	Carolina Dispatching Service	1975	1970			
	M&M Transfer Inc	1975	1970	1968		
	Agrico Chemical Co fertilizer	1975	1970	1968		
	Koppers Co Inc	1975	1970	1968		
	C&D Distributing-Gordon Foods	1975				
	Trident Sanitation Services	1975				
	Ford's Redi Mix Concrete Co	1970	1968			
	Charleston Oil Co	1970				
	Davis Warehouse Co Inc	1970	1968			
	Columbia Nitrogen Corp	1970				
	Gordon's Foods Inc	1970				
	Jeff Hunt Machinery Co	1970	1968			
2031	Southern Lumber & Millwork lumber-retail	2009	2005	1996	1990	

Tract 4 - 2151 King Street Extension

2151	Reeder Industrial Contractors general contractors	2005				
	Rhodia Inc chemicals-mrfs	2005				
	Albright & Wilson America's chemical mfrs (Phosphorus Dr)	1996	1990			
	SC Electric & Gas plant	1990				

Tract 3 - 2453 King Street Extension

2453	Dixie Box & Crating packing & crating serv	2009				
	American Port Svc packing & crating serv	2005				
2800	Allied Van Lines movers	2009				
	Port City Recycling recycling centers	2009				
	Road Runner Express Delivery	2009				
	Sellers Transfer Inc movers	2009	2005	1985	1980	
	General Warehouse Inc	2005	1996			
	U Save Building Material & Salvage Co	1985				
	Atlantic Imports	1975				
	Falstaff Beverage Sales Inc beer	1970	1968			

King Street Ext
1968 directory not completely numbered (some matched above)
King Street Esso
Planters Fertilizer & Phosphate Co
Redi-Mix Concrete & Materials
Skinner & Ruddock Inc gen contrs
Royal Crown Bottling Co
Kerr- McGee Chemical Corp Fertilizer
Not #ed in 1961, 1955

Meeting St Rd

2026	Jennings Towing & Garage Inc	1996								
	Dixie Box & Crating Co	1985								
	Noland Co plmb sups	1970	1968	1961						
	Crane Co whol plumb sups	1955								
2030	Hughes Mtrs Inc	1955								
	Hughes Trans Inc	1955								
2038	Coach Craft Bodyworks auto body rpr & painting	2009								
	AA Autobody & Paint auto body rpr & painting	2005								
	Heyard Bodyshop auto body rpr & painting	2005								
	Jennings Limosine Service	1990								
	Jennings Towing & Garage Inc	1990								
	Morris Motors Inc	1980	1975	1970						
	Bunch Leasing Trailers	1968								
	Hughes Motors Inc trucks	1968	1961							
2039	Bearing Distributors Inc bearings	2009	2005	1996	1990	1985	1980	1975	1970	1968
	Muffler Co	1968								
Tract 23- 2045 Meeting Street Road										
2045	Structured Wiring & Electric electric contractors	2005								
	The Doll House doll repr	1990								
2101	Jones Truck Svc truck repr & serv	2005								
	Keystone Lines trucking	2005								
Tract 61- 2102 Meeting Street Road (2102 Spruill Avenue)										
2102	Jones Truck Svc truck rpr & serv	2009								
	Road 1 truck rpr & serv	2009								
	BPK Construction Equipment Sls & Serv	1996	1985							
	Hertz Corp	1975	1970							
	Livingston's Self Service food Store	1961								
	Triangle Service Center	1961								
2103	Silk Stockings by Amber entertainers	2005								
	Triangle Restaurant	1990								
	Sharpton's JB Liquor Store	1980	1975							
	Dix Ollian Retail Liquor Store	1970	1968							
	Carolina Security Patrol Service	1970								
2107	Hollins Truck Service	1990								
not #	Triangle Service Center	1961	1955							
2115	Port City Glass & Mirror Inc	1968								
2121	National Wrecking Co bldg	1970	1968							
2132	Rowe Mercantile Co genl mdse	1975	1970	1968	1955					
2155	Dixie Motor Co used Cars	1975	1970							
2202	Taylor's Dry Clnrs	1955								

Meeting St Rd

2204	Carey Limousine	2009	2005					
	Hawk Construction genl contractors	2009						
	Parker Limousine Svc Inc	2009						
	Crosby's Towing Service/Garage	1990	1985	1975	1970	1968	1961	1955
2222	Rodd's Grocery	1985	1980	1975	1970	1968	1961	
2306	Ardmore Shoe Shop	1961	1955					
2314	Manigault's Gro	1955						
2320	Walker's Grocery	1996	1990	1985	1975	1970	1968	
2322	Community Laundry Mat	1996	1990	1985				
	Wash & Dry Laundry self serv	1970	1968					
2324	Carolina Coin Laundry	1961						
2325	Kelly's Garage Reprs	1968						
2326	Drive Inn Shoe Repair	1980						
2334	Frasier Fish Mkt	1961	1955					
2336	Charleston Mortuary Svc funeral directors	2009						
	Suburban Funeral Home Inc funeral directors	2009	2005	1996				
2412	Mixson Grocery	1970	1968					
Tract 67- 2413 Meeting Street Road								
2413	Al's Auto Service reprs	1970						
2414	Suburban Funeral Home undtkr	1955						
2415	SOC Service Station No 36	1970	1968					
2422	Simmons Grocery	1970	1968					
	Edward's & Johnny's Gro	1955						
2430	Clearwater fish Mkt	1955						
2434	Port City Cleaners	1955						
2440	Carolina Building Materials	2009	2005	1985	1980			
	Carolina Building Materials & Salvace Co Inc	1996	1990	1975	1970			
	Northside Lumber	1975						
2444	Carolina Building Materials & Salvage overflow	1996	1990					
	Woodcrafter	1985						
	Dan B Smith Refrigeration Co	1980	1975					
	Cooper Works	1970						
2446	Livingston's Self Service Gro No 2	1955						
2502	United Steel Workers of America	1996	1980	1975	1970			

Meeting St Rd

2508	Byrd & Taylor Cleaners	1975							
	Taylor's Dry Clnrs	1961							
2580	Ald Inc containerized freight & cargo	2009							
	CTI Commercial Trans Inc	2009							
	GFC Inc trucking	2005							
	Carolina Container Service Inc freight	1990	1985						
	KMB Inc	1990							

Tract 45- 2600 Meeting Street Road

2600	Carl H Rourk telephone companies	2009							
	Southern Bell Telephone & Telegraph	1990	1985	1961					
2630	N Chasn City Fire Dept (Sta No 1)	1996	1990						
2670	Williams Barber Tools Repair & Grinding Shop	1980	1975	1970	1968				
2672	Williams Barber Tools Repair & Grinding Shop	1961							
2704	Fielding Homes for Funerals funeral directors	2009	2005	1996	1990	1985	1980	1975	1970	1968

Odessa

Tract 21- 2224 Odessa Street

2224	EK SVC air conditioning contrs & sys	2009

historically, Harold's Sweet shop Confy only business on street other than residential

Peace St

2200	Palmetto Rubber Products	1996	1990	1985	1980
	Custom Grip Ski Ropes	1990			
	Rowland Rubber Inc	1975			
	Rowland Enterprises Inc rubber gds	1970			
2201	Unclaimed Frt Disposal (Whse)	1970			
	Palmetto Roofing & Sheet Metal Inc	1968			

Pittsburgh Ave

Tract 33 and Tract 65- 1800 Pittsburgh Avenue

1800	Ensafe Inc environmental & ecological service	2005								
	International Alloys metals serv ctrs'ofcs	2000								
	PMI Alloys metals serv ctrs'ofcs	2000								
	Mac Alloy Corporation alloys	1996	1990							
1875	Palmetto Pile Driving Inc	2009	2005	2000						
	PB Industries Inc trucking	2005								
1990	Charleston Steel & Metal Company Salvage steel	2000	1996							
	Garfinkel & Co scrap metal	1990								
2000	Garfinkel & Co scrap metal	1985	1980							
2017	Nilson Van & Storage	2009	2005	2000	1996	1990	1985	1980	1975	1970	1968
	United Van Lines	1990	1985	1980	1975	1970	1968				
2019	Asbestos Control Service asbestos removal	2000								
	Southern Marine & Industrial Supply Corp	1990	1985							
	Mac Alloys	1985	1980							
	Eller & Co gear shop	1980								
	Kamradt Stevedoring gear shop	1975	1970							
	Lukas Equipment Co Inc industrial	1961								
2025	Airco Alloys	1975								
	Airco Alloys & Carbide	1970								
	Garfinkel & Co scrap metal	1975	1970							
	White Geo	1970								
2027	Airco Alloys	1968								
	Garfinkel & Co scrap metal	1968								
2028	Jones Truck Service genl auto repr shop	2000								
1800a	Venexa Construction nonres constn	2000								
not #	Mattson Oil Co Inc storage	1961								
	Garfinkel & Co scrap iron	1961								
	Pittsburgh Metallurgical Co Inc ferro alloys & metals	1961	1955							

Shipyard Cr Road

1801	Montenay Charleston RRI nonclassified establishments	2009	2005
	Foster Wheeler Charleston generation elec pwr	2000	

not listed prior to 2000

Spruill Ave

1947	Seven-Eleven Food Store 17800 gro	1990						
Tract 67- 2102 Spruill Avenue								
2102	Roberts Inc plmb sups	1955						
Tract 24- 2111 Spruill Avenue (2111 Meeting Street Road)								
2111	Neilsons Fish House	1996						
	Crosby's Seafood	1990	1985					
	Sharpton's Triangle Servicecenter	1980	1975	1970	1968			
	Central Transport Inc	1970						
Tract 28- 2118 Spruill Avenue								
2118	Not Listed	2009	2005	2000	1996	1990	1985	1980
	Vacant	1975	1970	1968	1955			
	Robert O Morris	1961						
Tract 27- 2120 Spruill Avenue								
2120	Joe's Roundup	2009	2005					
	Round Up	1996	1990	1985				
	Coral Lounge	1980	1975					
	Driftroom night club	1970	1968					
2124	Tesco Electrical Contractors	1970						
	Mastercraft Upholstering Service	1968						
	Atlantic Pest Control Co Inc	1961						
Tract 26- 2128 Sprill Avenue								
2128	Higginbotham's Body Shop	1990	1985					
	Reuben's Body Shop	1980	1975					
2131	Mitchell's Barbeque	1990						
	Richardson's Meat Market	1968						
Tract 25- 2132 Spruill Avenue								
2132	Baldwin Brothers Inc- hydraulic equipment mfrs, hydraulic jack serv	2009	1996	1990	1985	1980		
	Baldwin Bros whol auto parts	1975	1970	1968				
	Baldwin Bros scooter dlrs	1961						
	Baldwin Bros mtrcycles	1955						
2215	Spruill Avenue Laundromat	1996	1990	1985	1980			
	Bendix Laundromat	1975	1970	1968				
2502	Belcher's Golf Service	1980						
	Belcher's Gulf & Fuel Oil Service	1975						
	Belcher's Esso Service Sta	1970	1968	1961	1955			
	Charleston Ambulance Service	1970	1968					
2508	Belchers Dry Cleaning & Laundry	1990	1985					
2526	Palmetto Railroad Salvage	1975	1970					
	Palmetto Salvage Wrecking Co Bldg Materials	1968						
2528	Delta Industrial Electric Co electric contractors	2009	2005	2000	1996			
	Huber Construction Co	1990						

Spruill Ave

Tract 58- 2532 Spruill Avenue							
2532	Earthcore Industries LLC mfrs	2009					
	Liquid Culture Enterprise LLC beverages	2009	2005				
	Global Beverage Co beverages	2005					
	Atlantic Dominion Distributors	2000					
	Atlantic Earth Grain	2000					
	Atlantic Tobacco Co whol	1996	1990	1985	1980	1975	
	Earthgrains Bread	1996					
	Ginsberg I Inc whol tob	1970					
Tract 57- 2533 Spruill Avenue							
2533	Discount Television Sales & Service	1970	1968				
Tract 39- 2534 Spruill Avenue							
2534	Con Global Industries cargo & freight containers	2009	2005				
	OST Trucking Co Inc trucking	2009					
	Con global cargo & freight containers	2005					
	Carolina Container	1996					
2550	Foster Wheeler Charleston Resource Recovery Inc	1990					
Tract 42- 2635 Spruill Avenue							
2635	Maximum Crane Works crane serv	2005					
2659	Carolina Container (Chassis Div)	1990	1985				
2662	Quality Mechanical Contractors Inc	1980					
	Fitton & Pittman Inc	1975					
Tract 51- 2664 Spruill Avenue							
2664	Coastal Cutting & Coring LLC drilling & boring contractors	2009	2005				
	Mobile Crane SVC pile driving	2009	1996	1990			
	Concrete Coring Co of SC drilling & boring contractors	2005	1996	1990			
	Mobile Crane SVC tank installation	2005					
	WD Sales	1996					
	Tiller Construction Co	1990					
Tract 50- 2667 Spruill Avenue							
2667	Health Equipment Wholesalers Inc	1996					
	D&S Services Co oil dlrs equip	1990	1985	1980	1975		
	L&M Welding & Salvage Inc	1985					
	Petroleum Equipment Co Inc	1970	1968				
Tract 52- 2668 Spruill Avenue							
2668	Eason Diving & Marine Contr divers	2009	2005	1996	1990		
	Technical Safety & Health Co Inc safety equip	1990					
Tract 53- 2669 Spruill Avenue							
2669	C&J Pantry bars	2009	2005	2000			
	Jake's Stop gro	1990	1985	1980	1975	1970	1968
Tract 56- 2681 Spruill Avenue							
2681	Mims Amusement Co	2009	2000	1996	1990	1985	
	Palmetto State Distributing Company amusement gds	2000					
2686	Detyens Shipyards Inc	1985					
2713	Good Neighbor Ctr homeless shelters	2005	1996				
	Americana Motor Lodge motel	1990	1985	1980	1975	1970	1968

Spruill Ave

2725	Lane's Dry Cleaners & Laundry Inc	1968				
2728	Chad Brock Furniture Making furniture-dlrs-retail	2009				
	DOW Construction Inc genl contractors	2009	2005			
	DOW Inc buildings-metal	2009	2005			
	K-Con Inc office buildings & parks	2009	2005	2000	1996	
	B/2 TNF Painting & Renovations painters	2009				
	American Lenders	2005				
	B Mac Inc home improvements	2005				
	MAC	2000				
	Metal Trades Inc mtl fabricators	1996				
	Harders HG & Son Inc genl contr	1985	1980			
	Palmetto Construction Co	1975	1970	1968		
2739	Circle K Store gro	1990				
	Seven-Eleven Store No 21892	1985				
2745	Joe's Market convenience stores	2009				
	Circle A convenience stores	2005				
	Circle K Store gro	1996				
	Marshall Construction Corp	1985	1980			
	Charleston Cycle Center	1975	1970			
	Gibson Body Shop	1970				
2748	Jamison's Auto Repair	1996				
	Geddis Auto Repair	1990				
	Hewett's Phillips 66 Station	1985				
	Grubbs Phillips 66 Station	1980	1975	1970	1968	1961
	Hardee Used Cars	1961				
	Cormac's Auto Service	1955				
	Mansfield Gulf Service Station	1955				
2757	Rose Paint & Body	1996	1990	1985	1980	
	Quality Paint & Body	1975				
	Crosby's Sheet Metal & Roofing Works	1970	1968			

Stromboli Avenue

Tract 45- 1923 Stromboli

1923	Central Transport Inc trucking motor freight	2009	2005
1926	TFX trucking motor freight	2009	

Tract 43 and Tract 44 are listed as 1950 Stromboli

1950	SSA Cooper stevedoring contractors	2009	2005
not #	Stevedoring Services of America	2000	

No listings on Stromboli in 1996, 1990, or 1985

Summerville Avenue

1834	Fabri-Plate Inc steel fabrication	1980						
1858	GL Woodcraft Co	1980	1975					
	National Welders Supply Co Inc	1970	1968	1961				
1859	Atlantic Builders Inc building contractors	2009	2005	1996	1990			
	Ted Lansing Corp roofing materials- mfrs	2009	2005	1990	1985	1980		
	First General Servs of Charleston Inc home improvements	1996	1990					
	JMO Woodworks furn & mill work mfg	1990						
	Southeast Security Systems Inc burglar alarms	1980						
	Electronic Service & Support Co	1980						
	Charles Town Sound	1980						
	Bargain Bin bldg materials	1975						
1861	Ashley Transfer & Stg (Whse)	1980	1975					
1965	South Carolina Amusement Co	1975						
Tract 20- 1885 Summerville Avenue								
1885	Machinist Inc mach shops	2009	2005	1996	1990			
Tract 16, 17, & 18								
1911	Anchor Awnings Ltd govt	1996						
Tract 15- 1913 Summerville Avenue								
1913	Porter Edwin Contracting Co genl contr	1990						
	Southern Acoustics & Dry Wall whse	1980	1975					
	Unclaimed Freight Disposal	1970						
1923	Vacant store	1955						
1934	Rays Limousine limousine serv	2005						
	Browning-Ferris Industries of South Atlantic Inc garbage serv	1985						
	Columbian Uniform Rentals Inc	1980						
	Souheastern Container Services Inc	1980						
	Trident Services	1980						
1942	A Stars Limousine Svc limousine serv	2005	2000					
Tract 11- 2001 Summerville Avenue								
2001	Professional Carpet Sales	2009	1996	1980	1975			
	Southern Chemical Products Co chemicals	2005	1996	1990	1985	1980	1975	1970
between Nevenna Dr and Fernwood								
not #	Andies & Bills Service Sta	1961						
After Shadow Ln								
not #	Adams Gro	1961						

North Charleston Fire Department
Environmental Study Report

NORTH CHARLESTON FIRE DEPARTMENT

ENVIRONMENTAL STUDY REPORT

1/25/2011 **at** ***12:46 PM***

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
5/10/2005 5:16:17 PM	051727	151	Outside rubbish, trash or waste fire	2650 CARNER AVE
Number of Incidents:		**1**		
7/23/2001 8:29:24 PM	012825	700	False alarm or false call, other	2650 CARNER AVE
7/26/2001 9:59:19 AM	012862	700	False alarm or false call, other	2650 CARNER AVE
6/20/2002 1:39:16 PM	022427	700	False alarm or false call, other	2650 CARNER AVE
Number of Incidents:		**3**		
11/22/2002 9:46:00 AM	024441	731	Sprinkler activation due to malfunction	2650 CARNER AVE
Number of Incidents:		**1**		
6/27/2002 11:26:57 AM	022520	744	Detector activation, no fire - unintentional	2650 CARNER AVE
6/28/2002 11:58:13 AM	022533	744	Detector activation, no fire - unintentional	2650 CARNER AVE
Number of Incidents:		**2**		
GRAND TOTAL:		**7**		

NORTH CHARLESTON FIRE DEPARTMENT

ENVIRONMENTAL STUDY REPORT

1/25/2011 **at** ***12:49 PM***

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
5/27/2002 5:08:59 AM	022138	311	Medical assist, assist EMS crew	SPRUILL AVE
11/2/2002 6:59:25 PM	024174	311	Medical assist, assist EMS crew	SPRUILL AVE
12/3/2003 8:26:32 AM	033879	311	Medical assist, assist EMS crew	SPRUILL AVE
6/5/2004 9:16:09 PM	041843	311	Medical assist, assist EMS crew	SPRUILL AVE
Number of Incidents:		**4**		
10/8/2002 2:06:23 AM	023871	352	Extrication of victim(s) from vehicle	SPRUILL AVE
Number of Incidents:		**1**		
10/27/2003 12:20:59 PM	033480	381	Rescue or EMS standby	SPRUILL AVE
Number of Incidents:		**1**		
5/17/2002 5:32:30 PM	021972	651	Smoke scare, odor of smoke	SPRUILL AVE
Number of Incidents:		**1**		
GRAND TOTAL:		**7**		

NORTH CHARLESTON FIRE DEPARTMENT

ENVIRONMENTAL STUDY REPORT

1/25/2011 **at** ***12:50 PM***

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
10/24/2006 2:42:47 PM	063934	100	Fire, other	3795 SPRUILL AV
11/23/2003 8:21:00 AM	033759	100	Fire, other	4408 SPRUILL AVE
12/12/2003 8:05:03 AM	033984	100	Fire, other	4408 SPRUILL AVE
Number of Incidents:		**3**		
3/5/2002 2:07:47 PM	020925	111	Building fire	2931 SPRUILL AV
1/27/2006 8:59:52 PM	060325	111	Building fire	4340 SPRUILL AVE
10/9/2006 12:29:54 AM	063715	111	Building fire	4634 SPRUILL AVE
6/28/2003 5:53:33 AM	032020	111	Building fire	4718 SPRUILL AVE
Number of Incidents:		**4**		
12/12/2001 10:16:07 AM	015132	113	Cooking fire, confined to container	2321 SPRUILL AVE
5/25/2004 6:40:04 PM	041716	113	Cooking fire, confined to container	3211 SPRUILL AV
Number of Incidents:		**2**		
8/1/2001 6:03:41 PM	012938	130	Mobile property (vehicle) fire, other	4260 SPRUILL AV

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
8/25/2002 4:29:57 PM	023325	130	Mobile property (vehicle) fire, other	4503 SPRUILL AV
Number of Incidents:		**2**		
9/10/2001 3:47:16 AM	013515	131	Passenger vehicle fire	2748 SPRUILL AVE
9/10/2006 2:13:43 PM	063359	131	Passenger vehicle fire	3795 SPRUILL AVE
Number of Incidents:		**2**		
7/4/2005 10:34:06 PM	052394	143	Grass fire	2947 SPRUILL AVENUE
Number of Incidents:		**1**		
7/8/2004 11:10:27 AM	042266	150	Outside rubbish fire, other	3795 SPRUILL AVE
8/10/2004 4:41:15 PM	042718	150	Outside rubbish fire, other	4151 SPRUILL AVE
Number of Incidents:		**2**		
4/15/2003 4:17:59 PM	031212	151	Outside rubbish, trash or waste fire	2534 SPRUILL AVE
12/3/2004 8:54:59 AM	044236	151	Outside rubbish, trash or waste fire	4415 SPRUILL AVE
11/21/2003 4:37:02 PM	033738	151	Outside rubbish, trash or waste fire	4421 SPRUILL AVE
Number of Incidents:		**3**		
11/14/2005 7:00:33 PM	054208	154	Dumpster or other outside trash receptacle fire	2401 SPRUILL AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
9/23/2005 9:14:48 PM	053553	154	Dumpster or other outside trash receptacle fire	4428 SPRUILL AVE
Number of Incidents:		**2**		
2/7/2002 8:35:27 AM	020601	221	Overpressure rupture of air or gas pipe/pipeline	2132 SPRUILL AVE
3/2/2004 5:36:15 PM	040692	221	Overpressure rupture of air or gas pipe/pipeline	3225 SPRUILL AVE
Number of Incidents:		**2**		
9/13/2001 1:02:49 PM	013594	311	Medical assist, assist EMS crew	2321 SPRUILL AVE
5/28/2004 1:42:23 AM	041736	311	Medical assist, assist EMS crew	2321 SPRUILL AVE
10/26/2005 3:29:53 PM	053941	311	Medical assist, assist EMS crew	2411 SPRUILL AVE
7/14/2002 7:28:56 PM	022786	311	Medical assist, assist EMS crew	2533 SPRUILL AVE
7/12/2004 12:26:25 PM	042339	311	Medical assist, assist EMS crew	2745 SPRUILL AV
5/30/2006 6:41:41 PM	061995	311	Medical assist, assist EMS crew	2745 SPRUILL AVE
7/29/2001 1:30:58 AM	012896	311	Medical assist, assist EMS crew	2757 SPRUILL AV
1/23/2002 12:31:00 PM	020366	311	Medical assist, assist EMS crew	2815 SPRUILL AVE
9/8/2001 3:48:22 PM	013495	311	Medical assist, assist EMS crew	2834 SPRUILL AV
2/8/2005 1:12:58 PM	050507	311	Medical assist, assist EMS crew	2834 SPRUILL AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
3/16/2005 5:34:23 AM	051003	311	Medical assist, assist EMS crew	2834 SPRUILL AVE
8/2/2005 3:17:16 PM	052826	311	Medical assist, assist EMS crew	2834 SPRUILL AVE
7/2/2001 3:39:02 AM	012542	311	Medical assist, assist EMS crew	2839 SPRUILL AVE
12/10/2002 5:43:47 PM	024679	311	Medical assist, assist EMS crew	2947 SPRUILL AVENUE
3/10/2005 5:09:43 AM	050919	311	Medical assist, assist EMS crew	3309 SPRUILL AV
4/18/2007 10:22:25 AM	071411	311	Medical assist, assist EMS crew	3309 SPRUILL AV
4/27/2006 3:51:56 PM	061551	311	Medical assist, assist EMS crew	3795 SPRUILL AV
1/7/2003 7:42:23 AM	030069	311	Medical assist, assist EMS crew	4254 SPRUILL AVE
8/20/2004 5:35:11 PM	042853	311	Medical assist, assist EMS crew	4428 SPRUILL AVE
5/19/2005 7:57:04 PM	051843	311	Medical assist, assist EMS crew	4503 SPRUILL AVE
1/19/2007 6:56:04 AM	070212	311	Medical assist, assist EMS crew	4503 SPRUILL AVE
10/19/2002 4:15:12 AM	024014	311	Medical assist, assist EMS crew	4634 SPRUILL AVE
1/27/2007 11:42:47 PM	070307	311	Medical assist, assist EMS crew	4634 SPRUILL AVE
5/27/2002 5:08:59 AM	022138	311	Medical assist, assist EMS crew	SPRUILL AVE
11/2/2002 6:59:25 PM	024174	311	Medical assist, assist EMS crew	SPRUILL AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
12/3/2003 8:26:32 AM	033879	311	Medical assist, assist EMS crew	SPRUILL AVE
6/5/2004 9:16:09 PM	041843	311	Medical assist, assist EMS crew	SPRUILL AVE
Number of Incidents:		**27**		
10/1/2001 9:39:49 PM	013878	331	Lock-in (if lock out , use 511)	4287 SPRUILL AVE
Number of Incidents:		**1**		
8/15/2004 4:36:13 PM	042787	350	Extrication, rescue, other	4287 SPRUILL AV
Number of Incidents:		**1**		
10/8/2002 2:06:23 AM	023871	352	Extrication of victim(s) from vehicle	SPRUILL AVE
Number of Incidents:		**1**		
5/15/2005 5:24:45 PM	051793	353	Removal of victim(s) from stalled elevator	3795 SPRUILL AV
Number of Incidents:		**1**		
10/27/2003 12:20:59 PM	033480	381	Rescue or EMS standby	SPRUILL AVE
Number of Incidents:		**1**		
4/17/2007 11:30:08 AM	071400	412	Gas leak (natural gas or LPG)	2516 SPRUILL AVE
Number of Incidents:		**1**		

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
4/26/2002 8:57:27 AM	021677	422	Chemical spill or leak	4287 SPRUILL AVE
3/6/2006 10:28:21 AM	060782	422	Chemical spill or leak	4287 SPRUILL AVE
6/15/2006 12:02:44 PM	062201	422	Chemical spill or leak	4287 SPRUILL AVE
Number of Incidents:		**3**		
5/10/2002 6:04:46 AM	021861	423	Refrigeration leak	4287 SPRUILL AVE
9/10/2003 7:52:51 AM	032927	423	Refrigeration leak	4287 SPRUILL AVE
Number of Incidents:		**2**		
3/7/2007 7:21:41 AM	070779	441	Heat from short circuit (wiring), defective/worn	3051 SPRUILL AVE
3/24/2005 12:15:23 AM	051087	441	Heat from short circuit (wiring), defective/worn	4254 SPRUILL AVE
Number of Incidents:		**2**		
10/5/2005 10:56:36 PM	053680	444	Power line down	4327 SPRUILL AVENUE
11/30/2005 7:12:27 PM	054408	444	Power line down	4503 SPRUILL AVE
Number of Incidents:		**2**		
5/23/2006 1:37:51 PM	061909	445	Arcing, shorted electrical equipment	3309 SPRUILL AV
Number of Incidents:		**1**		

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
5/14/2006 4:47:57 PM	061791	511	Lock-out	4357 SPRUILL AVE
Number of Incidents:		**1**		
1/20/2004 11:32:18 PM	040237	531	Smoke or odor removal	3211 SPRUILL AVE
Number of Incidents:		**1**		
3/7/2004 2:40:25 PM	040758	553	Public service	2745 SPRUILL AV
Number of Incidents:		**1**		
9/22/2003 12:23:53 PM	033097	600	Good intent call, other	4340 SPRUILL AVE
Number of Incidents:		**1**		
9/10/2001 3:20:00 PM	013525	611	Dispatched & canceled en route	2745 SPRUILL AVE
2/7/2005 5:43:47 PM	050494	611	Dispatched & canceled en route	4438 SPRUILL AVE
Number of Incidents:		**2**		
11/24/2005 5:39:59 PM	054330	631	Authorized controlled burning	2700 SPRUILL AVE
Number of Incidents:		**1**		
8/18/2001 2:46:03 PM	013182	651	Smoke scare, odor of smoke	2235 SPRUILL AVE
5/17/2002 5:32:30 PM	021972	651	Smoke scare, odor of smoke	SPRUILL AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
Number of Incidents:		**2**		
8/24/2002 2:40:04 AM	023303	661	EMS call, party transported by non-fire agency	4634 SPRUILL AVE
Number of Incidents:		**1**		
9/21/2001 5:40:03 PM	013721	700	False alarm or false call, other	2321 SPRUILL AV
2/22/2002 10:16:27 AM	020787	700	False alarm or false call, other	2321 SPRUILL AVE
8/16/2002 2:20:56 PM	023209	700	False alarm or false call, other	2532 SPRUILL AVE
12/8/2002 12:05:12 AM	024651	700	False alarm or false call, other	2532 SPRUILL AVENUE
5/21/2002 12:25:04 PM	022035	700	False alarm or false call, other	2827 SPRUILL AVE
4/6/2007 11:39:25 AM	071216	700	False alarm or false call, other	2834 SPRUILL AVE
6/15/2005 7:34:02 AM	052149	700	False alarm or false call, other	3795 SPRUILL AV
2/26/2007 6:05:59 PM	070660	700	False alarm or false call, other	3795 SPRUILL AV
6/3/2004 9:41:03 AM	041807	700	False alarm or false call, other	3795 SPRUILL AVE
7/12/2004 1:25:35 PM	042341	700	False alarm or false call, other	3795 SPRUILL AVE
8/12/2004 9:52:40 AM	042742	700	False alarm or false call, other	3795 SPRUILL AVE
8/14/2001 12:45:18 AM	013105	700	False alarm or false call, other	3795 SPRUILL AVENUE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
12/9/2003 3:45:25 PM	033951	700	False alarm or false call, other	4151 SPRUILL AVE
8/11/2005 12:52:37 AM	052951	700	False alarm or false call, other	4257 SPRUILL AVE
Number of Incidents:		**14**		
10/27/2003 9:19:47 AM	033475	710	Malicious, mischievous false call, other	3795 SPRUILL AVE
Number of Incidents:		**1**		
10/17/2007 8:00:14 PM	074076	715	Local alarm system, malicious false alarm	3795 SPRUILL AV
8/30/2005 9:33:05 PM	053228	715	Local alarm system, malicious false alarm	4515 SPRUILL AVE
Number of Incidents:		**2**		
3/5/2002 6:45:48 AM	020920	730	System malfunction, other	2532 SPRUILL AVE
6/16/2006 11:13:22 AM	062210	730	System malfunction, other	3795 SPRUILL AV
3/4/2007 11:38:35 AM	070742	730	System malfunction, other	3795 SPRUILL AV
3/5/2007 9:32:08 PM	070763	730	System malfunction, other	3795 SPRUILL AV
Number of Incidents:		**4**		
10/6/2002 10:24:32 AM	023835	735	Alarm system sounded due to malfunction	2532 SPRUILL AVE
12/16/2006 4:05:17 PM	064654	735	Alarm system sounded due to malfunction	2834 SPRUILL AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
7/13/2006 12:33:50 PM	062591	735	Alarm system sounded due to malfunction	2931 SPRUILL AV
1/3/2006 3:00:34 PM	060048	735	Alarm system sounded due to malfunction	3795 SPRUILL AV
3/15/2007 1:19:22 PM	070915	735	Alarm system sounded due to malfunction	3795 SPRUILL AV
3/26/2007 4:22:42 PM	071074	735	Alarm system sounded due to malfunction	3795 SPRUILL AV
8/22/2007 3:27:03 PM	073237	735	Alarm system sounded due to malfunction	3795 SPRUILL AV
7/21/2005 1:32:18 AM	052648	735	Alarm system sounded due to malfunction	4257 SPRUILL AV
Number of Incidents:		**8**		
5/20/2005 5:03:16 PM	051852	740	Unintentional transmission of alarm, other	3795 SPRUILL AV
Number of Incidents:		**1**		
2/2/2002 8:26:48 PM	020528	743	Smoke detector activation, no fire - unintentional	2321 SPRUILL AVE
6/15/2002 7:50:09 AM	022355	743	Smoke detector activation, no fire - unintentional	2827 SPRUILL AVE
4/7/2003 11:41:54 AM	031126	743	Smoke detector activation, no fire - unintentional	2827 SPRUILL AVE
4/11/2003 7:08:57 AM	031162	743	Smoke detector activation, no fire - unintentional	2827 SPRUILL AVE
2/17/2007 6:23:13 PM	070554	743	Smoke detector activation, no fire - unintentional	2834 SPRUILL AVE
11/29/2001 6:34:09 PM	014913	743	Smoke detector activation, no fire - unintentional	2931 SPRUILL AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
7/6/2001 4:05:45 PM	012615	743	Smoke detector activation, no fire - unintentional	3795 SPRUILL AV
2/23/2007 11:19:30 AM	070623	743	Smoke detector activation, no fire - unintentional	3795 SPRUILL AV
4/2/2003 11:13:45 AM	031084	743	Smoke detector activation, no fire - unintentional	4257 SPRUILL AVE
Number of Incidents:		**9**		
12/14/2006 8:36:28 PM	064635	744	Detector activation, no fire - unintentional	2834 SPRUILL AVE
6/22/2004 10:24:09 AM	042042	744	Detector activation, no fire - unintentional	3795 SPRUILL AV
9/27/2006 6:04:25 PM	063571	744	Detector activation, no fire - unintentional	3795 SPRUILL AV
6/15/2004 11:41:18 AM	041961	744	Detector activation, no fire - unintentional	3795 SPRUILL AVE
Number of Incidents:		**4**		
5/2/2006 8:36:32 PM	061622	745	Alarm system sounded, no fire - unintentional	2361 SPRUILL AVE
7/9/2003 11:06:05 PM	032180	745	Alarm system sounded, no fire - unintentional	2361 SPRUILL AVENUE
5/7/2004 3:34:24 PM	041481	745	Alarm system sounded, no fire - unintentional	2931 SPRUILL AVE
6/22/2005 3:39:38 PM	052240	745	Alarm system sounded, no fire - unintentional	3795 SPRUILL AV
10/24/2006 5:31:52 PM	063936	745	Alarm system sounded, no fire - unintentional	3795 SPRUILL AV
7/11/2003 8:23:46 AM	032199	745	Alarm system sounded, no fire - unintentional	3795 SPRUILL AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
6/7/2004 3:25:30 PM	041860	745	Alarm system sounded, no fire - unintentional	3795 SPRUILL AVE
6/30/2004 2:07:48 PM	042154	745	Alarm system sounded, no fire - unintentional	3795 SPRUILL AVE
Number of Incidents:		**8**		
2/26/2007 1:47:23 PM	070657	911	Citizen complaint	4642 SPRUILL AVE
Number of Incidents:		**1**		
GRAND TOTAL:		**128**		

NORTH CHARLESTON FIRE DEPARTMENT

ENVIRONMENTAL STUDY REPORT

1/25/2011 **at** ***12:51 PM***

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
4/25/2002 9:36:00 AM	021668	100	Fire, other	2841 CARNER AV
Number of Incidents:		**1**		
8/20/2004 9:01:45 PM	042855	131	Passenger vehicle fire	2950 CARNER AVE
Number of Incidents:		**1**		
5/10/2005 5:16:17 PM	051727	151	Outside rubbish, trash or waste fire	2650 CARNER AVE
Number of Incidents:		**1**		
10/13/2004 7:11:45 AM	043597	311	Medical assist, assist EMS crew	2707 CARNER AVE
3/12/2005 3:14:51 AM	050947	311	Medical assist, assist EMS crew	2711 CARNER AVE
11/6/2003 4:13:51 PM	033590	311	Medical assist, assist EMS crew	2719 CARNER AVENUE
12/17/2004 3:50:12 PM	044437	311	Medical assist, assist EMS crew	2950 CARNER AVENUE
11/5/2001 2:34:52 PM	014481	311	Medical assist, assist EMS crew	2950 CARNER AV
3/30/2007 10:03:31 AM	071122	311	Medical assist, assist EMS crew	2950 CARNER AV
2/6/2002 12:08:38 AM	020584	311	Medical assist, assist EMS crew	2950 CARNER AVE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
4/26/2006 1:56:12 PM	061516	311	Medical assist, assist EMS crew	2950 CARNER AVENUE
Number of Incidents:		**8**		
8/9/2001 2:34:34 AM	013046	321	EMS call, excluding vehicle accident with injury	2707 CARNER AVE
10/12/2006 1:07:49 AM	063758	321	EMS call, excluding vehicle accident with injury	2711 CARNER AVE
Number of Incidents:		**2**		
9/20/2006 9:14:27 AM	063474	412	Gas leak (natural gas or LPG)	2950 CARNER AVENUE
Number of Incidents:		**1**		
7/23/2001 8:29:24 PM	012825	700	False alarm or false call, other	2650 CARNER AVE
7/26/2001 9:59:19 AM	012862	700	False alarm or false call, other	2650 CARNER AVE
6/20/2002 1:39:16 PM	022427	700	False alarm or false call, other	2650 CARNER AVE
11/28/2005 3:02:56 PM	054379	700	False alarm or false call, other	2950 CARNER AVENUE
3/30/2007 3:28:24 PM	071127	700	False alarm or false call, other	2950 CARNER AV
7/3/2003 4:55:48 AM	032083	700	False alarm or false call, other	2950 CARNER AVENUE
9/4/2003 9:22:55 PM	032868	700	False alarm or false call, other	2950 CARNER AVENUE
9/14/2005 1:38:47 AM	053408	700	False alarm or false call, other	2950 CARNER AVENUE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
Number of Incidents:		**8**		
8/16/2004 7:53:46 PM	042802	710	Malicious, mischievous false call, other	2950 CARNER AVENUE
Number of Incidents:		**1**		
5/1/2003 9:34:30 AM	031380	730	System malfunction, other	2950 CARNER AVENUE
Number of Incidents:		**1**		
11/22/2002 9:46:00 AM	024441	731	Sprinkler activation due to malfunction	2650 CARNER AVE
Number of Incidents:		**1**		
5/25/2006 7:25:47 PM	061939	735	Alarm system sounded due to malfunction	2950 CARNER AVENUE
2/27/2002 5:51:59 AM	020843	735	Alarm system sounded due to malfunction	2950 CARNER AVE
9/19/2005 7:14:51 PM	053489	735	Alarm system sounded due to malfunction	2950 CARNER AVENUE
Number of Incidents:		**3**		
9/28/2003 3:04:24 PM	033150	743	Smoke detector activation, no fire - unintentional	2950 CARNER AVENUE
7/2/2004 1:45:53 PM	042190	743	Smoke detector activation, no fire - unintentional	2950 CARNER AVENUE
8/8/2005 5:53:42 PM	052914	743	Smoke detector activation, no fire - unintentional	2950 CARNER AVENUE
8/12/2006 9:36:25 AM	062988	743	Smoke detector activation, no fire - unintentional	2950 CARNER AVENUE

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
Number of Incidents:		**4**		
6/27/2002 11:26:57 AM	022520	744	Detector activation, no fire - unintentional	2650 CARNER AVE
6/28/2002 11:58:13 AM	022533	744	Detector activation, no fire - unintentional	2650 CARNER AVE
8/15/2006 1:30:01 PM	063027	744	Detector activation, no fire - unintentional	2950 CARNER AVENUE
12/19/2002 4:13:25 PM	024795	744	Detector activation, no fire - unintentional	2950 CARNER AVE
Number of Incidents:		**4**		
12/21/2001 6:23:40 AM	015269	745	Alarm system sounded, no fire - unintentional	2950 CARNER AV
6/16/2004 6:28:51 PM	041983	745	Alarm system sounded, no fire - unintentional	2950 CARNER AV
3/30/2006 5:44:52 PM	061125	745	Alarm system sounded, no fire - unintentional	2950 CARNER AVENUE
Number of Incidents:		**3**		
7/11/2002 4:44:34 PM	022736	814	Lightning strike (no fire)	2950 CARNER AVE
Number of Incidents:		**1**		
GRAND TOTAL:		**40**		

NORTH CHARLESTON FIRE DEPARTMENT

ENVIRONMENTAL STUDY REPORT

1/25/2011 at *12:52 PM*

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
3/29/2005 12:06:17 PM	051165	111	Building fire	2103 MEETING STREET RD
11/22/2002 9:03:43 PM	024449	111	Building fire	2124 MEETING STREET RD
6/6/2002 12:49:53 AM	022244	111	Building fire	2330 MEETING STREET RD
12/30/2002 11:53:31 AM	024946	111	Building fire	2508 MEETING STREET RD
8/24/2005 8:22:38 PM	053144	111	Building fire	3249 MEETING STREET RD
Number of Incidents:		**5**		
3/27/2003 11:28:59 PM	031019	112	Fires in structures other than in a building	3713 MEETING STREET RD
Number of Incidents:		**1**		
12/14/2002 7:46:21 PM	024737	113	Cooking fire, confined to container	4244 MEETING STREET RD
3/19/2004 6:24:48 PM	040900	113	Cooking fire, confined to container	4244 MEETING STREET RD
Number of Incidents:		**2**		
4/1/2003 9:11:32 AM	031064	130	Mobile property (vehicle) fire, other	3801 MEETING STREET RD
Number of Incidents:		**1**		

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
6/9/2010 3:55:38 PM	103747	131	Passenger vehicle fire	2330 MEETING STREET RD
10/21/2003 12:45:10 PM	033409	131	Passenger vehicle fire	2440 MEETING STREET RD
2/8/2002 9:47:26 PM	020617	131	Passenger vehicle fire	3306 MEETING STREET RD
11/20/2005 12:15:18 PM	054276	131	Passenger vehicle fire	3306 MEETING STREET RD
11/21/2006 7:36:50 AM	064319	131	Passenger vehicle fire	3306 MEETING STREET RD
8/26/2006 8:59:19 AM	063164	131	Passenger vehicle fire	3680 MEETING STREET RD
1/3/2006 2:17:55 AM	060041	131	Passenger vehicle fire	4264 MEETING STREET RD
Number of Incidents:		**7**		
1/25/2003 4:00:39 PM	030334	132	Road freight or transport vehicle fire	3306 MEETING STREET RD
11/17/2004 3:47:02 PM	044044	132	Road freight or transport vehicle fire	4201 MEETING STREET RD
Number of Incidents:		**2**		
10/2/2002 3:37:46 PM	023794	140	Natural vegetation fire, other	3290 MEETING STREET RD
Number of Incidents:		**1**		
7/5/2004 12:55:49 PM	042225	143	Grass fire	4264 MEETING STREET RD
Number of Incidents:		**1**		

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
7/25/2005 8:44:23 AM	052706	150	Outside rubbish fire, other	3535 MEETING STREET RD
5/2/2008 10:32:38 AM	081778	150	Outside rubbish fire, other	3547 MEETING STREET RD
Number of Incidents:		**2**		
1/16/2005 7:35:11 PM	050230	151	Outside rubbish, trash or waste fire	3011 MEETING STREET RD
8/4/2009 9:07:43 PM	093772	151	Outside rubbish, trash or waste fire	3535 MEETING STREET RD
2/1/2008 9:42:39 AM	080442	151	Outside rubbish, trash or waste fire	3547 MEETING STREET RD
5/20/2008 2:42:56 PM	082043	151	Outside rubbish, trash or waste fire	4201 MEETING STREET RD
Number of Incidents:		**4**		
3/8/2002 6:21:25 PM	020980	154	Dumpster or other outside trash receptacle fire	3011 MEETING STREET RD
12/30/2005 9:50:51 PM	054829	154	Dumpster or other outside trash receptacle fire	3210 MEETING STREET RD
Number of Incidents:		**2**		
12/8/2008 12:24:34 PM	085151	200	Overpressure rupture, explosion, overheat other	1968 MEETING STREET RD
Number of Incidents:		**1**		
7/3/2002 8:21:22 AM	022610	210	Overpressure rupture from steam, other	4134 MEETING STREET RD
Number of Incidents:		**1**		

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
12/29/2004 3:00:09 PM	044592	300	Rescue, emergency medical call (EMS) call, other	2308 MEETING STREET RD
10/10/2004 6:38:31 PM	043576	300	Rescue, emergency medical call (EMS) call, other	2360 MEETING STREET RD
3/12/2002 2:15:37 PM	021043	300	Rescue, emergency medical call (EMS) call, other	3601 MEETING STREET RD
Number of Incidents:		**3**		
5/14/2006 9:38:49 AM	061786	311	Medical assist, assist EMS crew	2102 MEETING STREET RD
12/17/2002 6:40:05 AM	024767	311	Medical assist, assist EMS crew	2124 MEETING STREET ROAD
4/20/2006 11:29:01 AM	061421	311	Medical assist, assist EMS crew	2336 MEETING STREET RD
6/21/2003 5:08:47 PM	031946	311	Medical assist, assist EMS crew	2416 MEETING STREET RD
4/10/2008 12:10:27 PM	081470	311	Medical assist, assist EMS crew	2416 MEETING STREET RD
12/11/2008 11:07:08 AM	085201	311	Medical assist, assist EMS crew	2440 MEETING STREET RD
3/12/2010 8:12:04 PM	101655	311	Medical assist, assist EMS crew	2502 MEETING STREET RD
9/25/2008 1:17:33 AM	083953	311	Medical assist, assist EMS crew	2514 MEETING STREET RD
8/27/2010 11:11:04 AM	105747	311	Medical assist, assist EMS crew	2518 MEETING STREET RD
5/20/2006 7:25:13 PM	061876	311	Medical assist, assist EMS crew	2520 MEETING STREET RD
7/13/2010 12:08:11 PM	104589	311	Medical assist, assist EMS crew	2520 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
9/18/2002 8:36:52 PM	023615	311	Medical assist, assist EMS crew	2522 MEETING STREET RD
2/26/2004 3:03:30 AM	040624	311	Medical assist, assist EMS crew	2522 MEETING STREET ROAD
11/24/2003 5:04:38 PM	033773	311	Medical assist, assist EMS crew	2630 MEETING STREET RD
12/31/2004 9:42:41 PM	044620	311	Medical assist, assist EMS crew	2630 MEETING STREET RD
8/16/2008 2:50:26 PM	083350	311	Medical assist, assist EMS crew	2630 MEETING STREET RD
9/14/2010 12:28:16 AM	106200	311	Medical assist, assist EMS crew	2630 MEETING STREET RD
3/21/2009 7:31:00 AM	091318	311	Medical assist, assist EMS crew	2704 MEETING STREET RD
3/15/2009 2:11:22 PM	091219	311	Medical assist, assist EMS crew	2710 MEETING STREET RD
5/29/2009 4:42:32 PM	092466	311	Medical assist, assist EMS crew	2710 MEETING STREET RD
11/6/2003 2:51:34 AM	033586	311	Medical assist, assist EMS crew	2931 MEETING STREET RD
5/4/2006 8:55:11 AM	061638	311	Medical assist, assist EMS crew	2943 MEETING STREET RD
4/1/2009 5:21:23 PM	091505	311	Medical assist, assist EMS crew	2955 MEETING STREET RD
5/10/2010 3:52:45 PM	103009	311	Medical assist, assist EMS crew	2955 MEETING STREET RD
12/1/2002 8:49:03 PM	024558	311	Medical assist, assist EMS crew	2975 MEETING STREET RD
3/4/2004 3:46:17 AM	040715	311	Medical assist, assist EMS crew	2977 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
5/2/2006 2:09:53 PM	061619	311	Medical assist, assist EMS crew	3115 MEETING STREET RD
5/6/2010 10:11:01 AM	102907	311	Medical assist, assist EMS crew	3115 MEETING STREET RD
12/11/2002 1:57:18 AM	024683	311	Medical assist, assist EMS crew	3115 MEETING STREET ROAD
11/1/2003 4:38:10 AM	033539	311	Medical assist, assist EMS crew	3115 MEETING STREET ROAD
12/29/2008 10:47:55 AM	085463	311	Medical assist, assist EMS crew	3117 MEETING STREET RD
10/19/2010 11:21:36 AM	107117	311	Medical assist, assist EMS crew	3117 MEETING STREET RD
3/26/2004 6:11:57 AM	040991	311	Medical assist, assist EMS crew	3144 MEETING STREET RD
7/16/2010 3:29:16 PM	104668	311	Medical assist, assist EMS crew	3152 MEETING STREET RD
6/7/2010 7:35:43 PM	103694	311	Medical assist, assist EMS crew	3201 MEETING STREET RD
1/25/2004 5:23:37 PM	040294	311	Medical assist, assist EMS crew	3217 MEETING STREET RD
3/29/2010 11:28:12 PM	102040	311	Medical assist, assist EMS crew	3255 MEETING STREET RD
5/7/2010 2:22:59 AM	102924	311	Medical assist, assist EMS crew	3255 MEETING STREET RD
6/11/2010 4:33:21 PM	103796	311	Medical assist, assist EMS crew	3255 MEETING STREET RD
4/17/2010 10:08:07 PM	102488	311	Medical assist, assist EMS crew	3290 MEETING STREET RD
6/24/2008 9:23:45 PM	082581	311	Medical assist, assist EMS crew	3317 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
5/2/2010 12:09:06 PM	102788	311	Medical assist, assist EMS crew	3317 MEETING STREET RD
12/12/2004 2:41:51 PM	044365	311	Medical assist, assist EMS crew	3407 MEETING STREET RD
9/3/2006 9:34:24 PM	063279	311	Medical assist, assist EMS crew	3407 MEETING STREET RD
2/20/2010 9:27:56 PM	101195	311	Medical assist, assist EMS crew	3407 MEETING STREET RD
4/26/2010 10:30:35 PM	102666	311	Medical assist, assist EMS crew	3407 MEETING STREET RD
3/9/2003 10:12:12 PM	030798	311	Medical assist, assist EMS crew	3414 MEETING STREET RD
3/29/2003 1:45:30 PM	031029	311	Medical assist, assist EMS crew	3430 MEETING STREET RD
11/17/2003 2:00:28 PM	033692	311	Medical assist, assist EMS crew	3430 MEETING STREET RD
3/16/2005 7:46:02 AM	051006	311	Medical assist, assist EMS crew	3430 MEETING STREET RD
11/4/2005 1:16:01 PM	054064	311	Medical assist, assist EMS crew	3535 MEETING STREET RD
9/22/2010 4:05:19 PM	106442	311	Medical assist, assist EMS crew	3680 MEETING STREET RD
9/7/2003 4:34:26 AM	032898	311	Medical assist, assist EMS crew	3713 MEETING STREET RD
6/18/2007 9:39:45 PM	072321	311	Medical assist, assist EMS crew	3713 MEETING STREET RD
4/6/2008 9:57:44 PM	081417	311	Medical assist, assist EMS crew	3715 MEETING STREET RD
6/22/2005 8:16:46 AM	052237	311	Medical assist, assist EMS crew	3719 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
12/24/2008 11:22:30 AM	085395	311	Medical assist, assist EMS crew	3727 MEETING STREET RD
9/12/2001 10:01:14 PM	013579	311	Medical assist, assist EMS crew	3753 MEETING STREET RD
10/25/2001 3:53:25 PM	014264	311	Medical assist, assist EMS crew	3753 MEETING STREET RD
11/21/2003 8:49:43 PM	033740	311	Medical assist, assist EMS crew	3753 MEETING STREET RD
8/20/2004 11:05:09 AM	042843	311	Medical assist, assist EMS crew	4012 MEETING STREET RD
9/15/2005 8:34:24 AM	053424	311	Medical assist, assist EMS crew	4126 MEETING STREET RD
11/7/2008 3:06:30 PM	084677	311	Medical assist, assist EMS crew	4146 MEETING STREET RD
11/14/2006 1:45:08 AM	064228	311	Medical assist, assist EMS crew	4201 MEETING STREET RD
9/19/2002 3:49:36 PM	023620	311	Medical assist, assist EMS crew	4301 MEETING STREET RD
10/12/2010 7:57:52 PM	106953	311	Medical assist, assist EMS crew	4301 MEETING STREET RD
Number of Incidents:		**66**		
9/18/2008 3:09:14 PM	083852	321	EMS call, excluding vehicle accident with injury	2630 MEETING STREET RD
Number of Incidents:		**1**		
5/23/2007 12:24:42 AM	071927	322	Vehicle accident with injuries	2955 MEETING STREET RD
6/8/2005 9:40:43 PM	052056	322	Vehicle accident with injuries	3895 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
Number of Incidents:		**2**		
9/1/2010 11:32:23 AM	105867	331	Lock-in (if lock out , use 511)	2800 MEETING STREET RD
1/27/2004 11:51:59 AM	040312	331	Lock-in (if lock out , use 511)	3103 MEETING STREET RD
11/2/2006 7:51:25 AM	064069	331	Lock-in (if lock out , use 511)	3107 MEETING STREET RD
Number of Incidents:		**3**		
4/21/2003 11:06:21 PM	031273	352	Extrication of victim(s) from vehicle	2026 MEETING STREET RD
9/27/2004 8:23:02 AM	043420	352	Extrication of victim(s) from vehicle	3011 MEETING STREET RD
Number of Incidents:		**2**		
11/6/2001 1:56:27 AM	014490	357	Extrication of victim(s) from machinery	4201 MEETING STREET RD
Number of Incidents:		**1**		
10/29/2001 7:52:41 AM	014340	400	Hazardous condition, other	2630 MEETING STREET RD
Number of Incidents:		**1**		
10/9/2003 3:08:51 PM	033279	410	Flammable gas or liquid condition, other	2416 MEETING STREET RD
Number of Incidents:		**1**		
4/23/2007 8:21:20 PM	071499	412	Gas leak (natural gas or LPG)	3875 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
Number of Incidents:		**1**		
8/31/2004 12:10:03 PM	043038	422	Chemical spill or leak	2039 MEETING STREET RD
Number of Incidents:		**1**		
5/7/2002 3:30:58 PM	021814	440	Electrical wiring/equipment problem, other	3605 MEETING STREET RD
11/30/2003 8:28:32 PM	033852	440	Electrical wiring/equipment problem, other	3723 MEETING STREET RD
7/16/2002 2:21:31 AM	022813	440	Electrical wiring/equipment problem, other	3753 MEETING STREET RD
Number of Incidents:		**3**		
1/17/2006 9:59:00 PM	060224	445	Arcing, shorted electrical equipment	2518 MEETING STREET RD
Number of Incidents:		**1**		
9/8/2003 12:02:49 PM	032908	463	Vehicle accident, general cleanup	4260 MEETING STREET RD
Number of Incidents:		**1**		
5/13/2003 12:39:55 PM	031508	531	Smoke or odor removal	3103 MEETING STREET RD
Number of Incidents:		**1**		
11/15/2007 2:01:58 PM	074512	561	Unauthorized burning	3353 MEETING STREET RD
Number of Incidents:		**1**		

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
8/14/2010 10:14:49 PM	105420	611	Dispatched & canceled en route	2136 MEETING STREET RD
11/30/2009 11:26:10 PM	096019	611	Dispatched & canceled en route	3290 MEETING STREET RD
7/28/2008 10:16:32 AM	083057	611	Dispatched & canceled en route	3753 MEETING STREET RD
1/25/2009 1:35:54 AM	090401	611	Dispatched & canceled en route	3875 MEETING STREET RD
Number of Incidents:		**4**		
3/19/2005 10:18:08 PM	051040	631	Authorized controlled burning	3117 MEETING STREET RD
Number of Incidents:		**1**		
2/9/2005 3:19:58 PM	050523	651	Smoke scare, odor of smoke	3605 MEETING STREET RD
Number of Incidents:		**1**		
8/20/2001 11:39:58 AM	013208	700	False alarm or false call, other	2102 MEETING STREET RD
10/3/2004 7:40:58 PM	043507	700	False alarm or false call, other	2230 MEETING STREET RD
7/8/2005 6:11:33 PM	052466	700	False alarm or false call, other	3567 MEETING STREET RD
4/1/2010 11:35:50 AM	102096	700	False alarm or false call, other	3567 MEETING STREET RD
12/12/2005 5:49:38 PM	054559	700	False alarm or false call, other	3601 MEETING STREET RD
1/13/2004 9:50:06 PM	040168	700	False alarm or false call, other	3680 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
11/12/2008 10:32:28 AM	084754	700	False alarm or false call, other	3680 MEETING STREET RD
7/7/2001 7:27:20 PM	012631	700	False alarm or false call, other	4002 MEETING STREET RD
8/12/2005 2:40:26 PM	052964	700	False alarm or false call, other	4138 MEETING STREET RD
12/19/2003 12:26:04 PM	034071	700	False alarm or false call, other	4260 MEETING STREET RD
Number of Incidents:		**10**		
3/5/2010 4:43:04 PM	101487	714	Central station, malicious false alarm	3680 MEETING STREET RD
Number of Incidents:		**1**		
4/8/2006 4:08:12 AM	061254	730	System malfunction, other	3601 MEETING STREET RD
9/25/2001 11:49:44 AM	013777	730	System malfunction, other	3695 MEETING STREET RD
8/15/2009 3:13:35 PM	093991	730	System malfunction, other	3875 MEETING STREET RD
Number of Incidents:		**3**		
8/29/2004 8:53:04 AM	042965	733	Smoke detector activation due to malfunction	3290 MEETING STREET RD
7/30/2010 11:17:31 AM	105003	733	Smoke detector activation due to malfunction	3359 MEETING STREET RD
Number of Incidents:		**2**		
4/20/2002 10:15:28 AM	021591	735	Alarm system sounded due to malfunction	2520 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
8/14/2008 7:11:50 PM	083323	735	Alarm system sounded due to malfunction	3359 MEETING STREET RD
9/12/2001 9:59:53 AM	013565	735	Alarm system sounded due to malfunction	3695 MEETING STREET RD
6/14/2008 2:15:52 PM	082429	735	Alarm system sounded due to malfunction	3875 MEETING STREET RD
8/2/2009 7:39:20 PM	093731	735	Alarm system sounded due to malfunction	3875 MEETING STREET RD
Number of Incidents:		**5**		
4/7/2008 12:12:48 PM	081425	740	Unintentional transmission of alarm, other	3567 MEETING STREET RD
Number of Incidents:		**1**		
3/6/2010 6:08:56 PM	101509	744	Detector activation, no fire - unintentional	2670 MEETING STREET RD
6/24/2010 2:14:35 PM	104110	744	Detector activation, no fire - unintentional	3017 MEETING STREET RD
7/22/2001 8:59:09 PM	012811	744	Detector activation, no fire - unintentional	4002 MEETING STREET RD
Number of Incidents:		**3**		
4/7/2002 4:48:42 PM	021407	745	Alarm system sounded, no fire - unintentional	2931 MEETING STREET RD
6/13/2010 1:47:16 PM	103834	745	Alarm system sounded, no fire - unintentional	3017 MEETING STREET RD
9/2/2002 4:26:50 PM	023430	745	Alarm system sounded, no fire - unintentional	3567 MEETING STREET RD
1/2/2007 10:07:54 AM	070016	745	Alarm system sounded, no fire - unintentional	3567 MEETING STREET RD

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
8/12/2009 12:33:31 PM	093929	745	Alarm system sounded, no fire - unintentional	3680 MEETING STREET RD
10/4/2006 10:45:47 AM	063653	745	Alarm system sounded, no fire - unintentional	3727 MEETING STREET RD
4/3/2010 12:05:18 PM	102154	745	Alarm system sounded, no fire - unintentional	4301 MEETING STREET RD
Number of Incidents:		**7**		
GRAND TOTAL:		**157**		

NORTH CHARLESTON FIRE DEPARTMENT

ENVIRONMENTAL STUDY REPORT

1/25/2011 at *12:53 PM*

DATE	INCIDENT NUMBER	INCIDENT TYPE	INCIDENT DESCRIPTION	ADDRESS
12/2/2010 9:40:33 AM	108148	651	Smoke scare, odor of smoke	2025 TELLICO RD
Number of Incidents:		**1**		
5/6/2010 3:35:14 PM	102913	730	System malfunction, other	2025 TELLICO RD
5/6/2010 9:51:10 PM	102919	730	System malfunction, other	2025 TELLICO RD
Number of Incidents:		**2**		
7/1/2009 12:37:05 PM	093120	745	Alarm system sounded, no fire - unintentional	2025 TELLICO RD
Number of Incidents:		**1**		
GRAND TOTAL:		**4**		

APPENDIX VI

SITE PHOTOGRAPHS

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 1



Date: 12.08.10

Photographer: N. Duncan

Location / Orientation	Tract 1 and Tract 66
Remarks	Typical view of property.

Photo 2



Date: 11.12.10

Photographer: M. Cline

Location / Orientation	Tract 2
Remarks	Typical view of property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 3



Date: 11.12.10

Photographer: M. Cline

Location / Orientation	Tract 3
Remarks	Typical view of property.

Photo 4



Date: 11.12.10

Photographer: M. Cline

Location / Orientation	Tract 3
Remarks	Typical view of property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 5



Date: 11.29.10

Photographer: M. Cline

Location / Orientation	Tract 5 and Tract 68
Remarks	Overgrown portion of property.

Photo 6



Date: 11.29.10

Photographer: M. Cline

Location / Orientation	Tract 5 and Tract 68
Remarks	Marsh portion of property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 7



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 6
Remarks	Typical storage area on property.

Photo 8



Date:11.15.10

Photographer: M. Cline

Location / Orientation	Tract 6
Remarks	Typical woodworking area observed on property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 9



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 6
Remarks	Diesel fuel aboveground tanks. Staining observed around both.

Photo 10



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 6
Remarks	Parts washer observed on property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 11	
	**Date:** 11.15.10 **Photographer:** M. Cline
Location / Orientation	Tract 7
Remarks	Private residence located on property.

Photo 12	
	**Date:** 11.01.10 **Photographer:** B. Davis
Location / Orientation	Tract 8
Remarks	Park observed on subject property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 13	
	**Date:** 11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 8
Remarks	Overgrown fenced area on property.

Photo 14	
	**Date:** 11.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 9
Remarks	Typical view of property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 15



Date: 11.19.10

Photographer: M. Cline

Location / Orientation	Tract 10
Remarks	Typical view of property.

Photo 16



Date:11.19.10

Photographer: M. Cline

Location / Orientation	Tract 11
Remarks	Southern portion of structure located on property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 17



Date: 11.19.10

Photographer: M. Cline

Location / Orientation	Tract 11
Remarks	Mixing tank in warehouse building.

Photo 18



Date: 11.19.10

Photographer: M. Cline

Location / Orientation	Tract 12
Remarks	Woodworking building on property.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

Photo 19	
	**Date:** 11.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 14
Remarks	Small building used for storage by one of the owners.

Photo 20	
	**Date:** 11.19.10 **Photographer:** B. Davis
Location / Orientation	Tract 15
Remarks	Typical view in repair shop.

S&ME
620 Wando Park Blvd.
Mount Pleasant, SC 29464

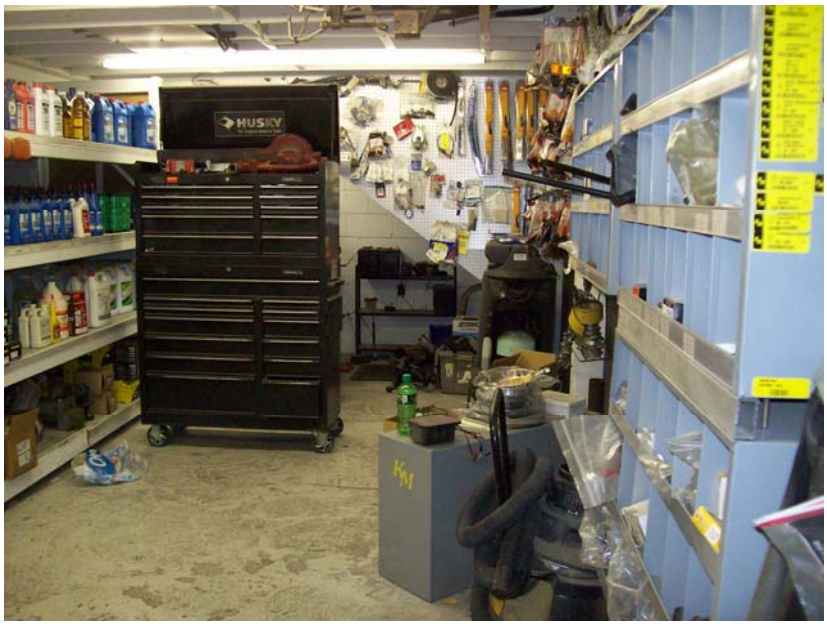
Photo 21	
	**Date:** 11.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 15
Remarks	Typical view in repair shop.

Photo 22	
	**Date:** 11.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 16, Tract 17, and Tract 18
Remarks	Waste oil tote and drum observed on the southern side of the building on the property.

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Photo 23



Date: 11.19.10

Photographer: M. Cline

Location / Orientation	Tract 16, Tract 17, and Tract 18
Remarks	Majority of building is used for storage. Low light. This portion of the building previously burned.

Photo 24



Date:12.16.10

Photographer: M. Cline

Location / Orientation	Tract 13
Remarks	Typical view of property.

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Photo 25	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 19
Remarks	Typical view of overgrown fenced property.

Photo 26	
	**Date:** 11.02.10 **Photographer:** N. Duncan
Location / Orientation	Tract 20
Remarks	View of office building.

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Photo 27	
	**Date:** 11.02.10 **Photographer:** N. Duncan
Location / Orientation	Tract 20
Remarks	Staining observed along building wall.

Photo 28	
	**Date:** 11.02.10 **Photographer:** N. Duncan
Location / Orientation	Tract 20
Remarks	Staining observed around air compressor.

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Photo 29	
	**Date:** 11.02.10 **Photographer:** N. Duncan
Location / Orientation	Tract 20
Remarks	Unlabeled rusted drum observed on property.

Photo 30	
	**Date:** 11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 21
Remarks	Private residence located on property.

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Photo 31	
	**Date:** 10.26.10 **Photographer:** M. Cline
Location / Orientation	Tract 22
Remarks	Concrete pads and automobile glass observed on property.

Photo 32	
	**Date:** 10.26.10 **Photographer:** M. Cline
Location / Orientation	Tract 22
Remarks	Overgrown mounds of materials suspected as asphalt and soil.

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Photo 33



Date: 10.26.10

Photographer: M. Cline

Location / Orientation	Tract 23
Remarks	Typical view of property.

Photo 34



Date: 10.26.10

Photographer: M. Cline

Location / Orientation	Tract 23
Remarks	View of property.

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Photo 35	
	**Date:** 10.26.10 **Photographer:** M. Cline
Location / Orientation	Tract 24
Remarks	Suspected dispenser island observed on property.

Photo 36	
	**Date:** 12.12.10 **Photographer:** N. Duncan
Location / Orientation	Tract 25 and Tract 26
Remarks	View of property fronts.

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Photo 37	
	**Date:** 12.12.10 **Photographer:** N. Duncan
Location / Orientation	Tract 25
Remarks	AST observed inside of structure.

Photo 38	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 26
Remarks	Painting area observed inside structure.

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Photo 39	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 26
Remarks	View of storage area inside structure.

Photo 40	
	**Date:**11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 26
Remarks	Materials storage area outside of structure.

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Photo 41	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 27
Remarks	View of exterior of property.

Photo 42	
	**Date:** 311.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 28
Remarks	Typical view of interior of property.

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Photo 43



Date: 11.03.10

Photographer: M. Cline

Location / Orientation	Tract 28 and Tract 61
Remarks	View of exterior south side of building. Note manhole covers at front.

Photo 44



Date: 11.03.10

Photographer: M. Cline

Location / Orientation	Tract 28 and Tract 61
Remarks	Interior bay of structure. Note closed floor drains.

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Photo 45	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 28 and Tract 61
Remarks	View of covered outside building wall in the outdoor truck bay.

Photo 46	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 28 and Tract 61
Remarks	Trench drain observed in outdoor bay.

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Photo 47	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 28 and Tract 61
Remarks	Rusted drum observed near building.

Photo 48	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 28 and Tract 61
Remarks	Eight steel or concrete plates observed in drive adjacent to building.

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Photo 49	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 28 and Tract 61
Remarks	Locked building that was not entered during this assessment.

Photo 50	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 29, Tract 31, Tract 32, Tract 33, and Tract 65
Remarks	Typical view of property.

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Photo 51	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 29, Tract 31, Tract 32, Tract 33, and Tract 65
Remarks	Typical view of property.

Photo 52	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 29, Tract 31, Tract 32, Tract 33, and Tract 65
Remarks	Typical view of property.

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Photo 53



Date: 10.26.10

Photographer: M. Cline

Location / Orientation	Tract 30
Remarks	Typical view of property.

Photo 54



Date:12.16.10

Photographer: N. Duncan

Location / Orientation	Tract 34
Remarks	Typical view of property.

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Photo 55



Date: 12.16.10

Photographer: N. Duncan

Location / Orientation	Tract 35 and Tract 70
Remarks	View of property used by Charleston County.

Photo 56



Date: 12.16.10

Photographer: N. Duncan

Location / Orientation	Tract 35 and Tract 70
Remarks	View of property used by Charleston County.

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Photo 57	
	**Date:** 12.16.10 **Photographer:** N. Duncan
Location / Orientation	Tract 35 and Tract 70
Remarks	View of property used by Charleston County.

Photo 58	
	**Date:** 01.17.10 **Photographer:** M. Cline
Location / Orientation	Tract 35 and Tract 70
Remarks	View of southern portion of Tract 35. Note monitoring wells.

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Photo 59



Date: 01.17.10

Photographer: M. Cline

Location / Orientation	Tract 35 and Tract 70
Remarks	View of southern portion of property. Access limited by water.

Photo 60



Date: 01.17.10

Photographer: M. Cline

Location / Orientation	Tract 35 and Tract 70
Remarks	View of southern portion of property. Access limited by water.

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Photo 61



Date: 01.17.10

Photographer: M. Cline

Location / Orientation	Tract 35 and Tract 70
Remarks	Abandoned monitoring wells observed on west side of Building 661.

Photo 62



Date:3-15-2010

Photographer: B. Davis

Location / Orientation	Tract 35 and Tract 70
Remarks	West side of Building 661. Drums contain investigative derived wastes. Building not entered.

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Photo 63	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 37
Remarks	View of closed incinerator.

Photo 64	
	**Date:** 11.03.10 **Photographer:** N. Duncan
Location / Orientation	Tract 37
Remarks	View of ASTs observed on property.

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Photo 65



Date: 11.03.10

Photographer: N. Duncan

Location / Orientation	Tract 37
Remarks	Ash pond observed on property.

Photo 66



Date: 11.03.10

Photographer: N. Duncan

Location / Orientation	Tract 37
Remarks	Pond observed on northeastern corner of property.

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Photo 67	
	**Date:** 11.03.10 **Photographer:** N. Duncan
Location / Orientation	Tract 37
Remarks	Cooling water pond observed on property.

Photo 68	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 38
Remarks	Former blast pit area observed on property.

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Photo 69	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 38
Remarks	Mounds of spent blast materials observed onsite.

Photo 70	
	**Date:**11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 38
Remarks	View of spent blast materials observed on property.

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Photo 71



Date: 11.03.10

Photographer: M. Cline

Location / Orientation	Tract 38
Remarks	ASTs observed on off-site portion of property.

Photo 72



Date:11.03.10

Photographer: M. Cline

Location / Orientation	Tract 38
Remarks	ASTs observed on off-site portion of property.

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Photo 73	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 38
Remarks	Staining observed near ASTs.

Photo 74	
	**Date:**11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 38
Remarks	View of overgrown mounds of materials observed onsite.

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Photo 75	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 39
Remarks	Typical view of materials stored on property

Photo 76	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 39
Remarks	Typical view area outside of repair shop.

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Photo 77	
	**Date:** 11.03.10 **Photographer:** M. Cline
Location / Orientation	Tract 39
Remarks	Typical view of interior of repair area.

Photo 78	
	**Date:** 10.26.10 **Photographer:** M. Cline
Location / Orientation	Tract 40
Remarks	Typical view of property.

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Photo 79	
	**Date:** 11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 41 and Tract 48
Remarks	Typical view of property.

Photo 80	
	**Date:** 11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 41 and Tract 48
Remarks	Typical view of property.

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Photo 81	
	**Date:** 11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 44
Remarks	Typical view of debris in ditch line along Stromboli Avenue.

Photo 82	
	**Date:**11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 42
Remarks	Typical view of property along Stromboli Avenue.

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Photo 83



Date: 11.01.10

Photographer: M. Cline

Location / Orientation	Tract 42
Remarks	Typical view of property along Spruill Avenue.

Photo 84



Date: 11.11.10

Photographer: N. Duncan

Location / Orientation	Tract 43
Remarks	View of repair shop located on property.

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Photo 85	
	**Date:** 11.11.10 **Photographer:** N. Duncan
Location / Orientation	Tract 43
Remarks	ASTs observed on property.

Photo 86	
	**Date:** 11.11.10 **Photographer:** N. Duncan
Location / Orientation	Tract 43
Remarks	Equipment washing area with oil water separator.

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Photo 87



Date: 11.11.10

Photographer: N. Duncan

Location / Orientation	Tract 43
Remarks	Storage area inside of building on property.

Photo 88



Date: 11.11.10

Photographer: N. Duncan

Location / Orientation	Tract 43
Remarks	Interior of repair shop.

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Photo 89



Date: 11.01.10

Photographer: M. Cline

Location / Orientation	Tract 44
Remarks	View of ditch line along Stromboli Avenue.

Photo 90



Date: 11.01.10

Photographer: M. Cline

Location / Orientation	Tract 44
Remarks	Debris observed on property.

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Photo 91		
	**Date:** 11.01.10	
	Photographer: M. Cline	
Location / Orientation	Tract 44	
Remarks	Typical view of property.	

Photo 92		
	**Date:** 11.11.10	
	Photographer: N. Duncan	
Location / Orientation	Tract 45	
Remarks	View of property from Stromboli Avenue	

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Photo 93	
	**Date:** 11.11.10 **Photographer:** N. Duncan
Location / Orientation	Tract 45
Remarks	Loading docks observed on property.

Photo 94	
	**Date:** 11.11.10 **Photographer:** N. Duncan
Location / Orientation	Tract 45
Remarks	Interior of warehouse structure on property.

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Photo 95



Date: 11.04.10

Photographer: N. Duncan

Location / Orientation	Tract 46
Remarks	View of property from Carner Avenue.

Photo 96



Date: 11.04.10

Photographer: N. Duncan

Location / Orientation	Tract 46
Remarks	Parking area behind main office building.

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Photo 97	
	**Date:** 11.04.10 **Photographer:** N. Duncan
Location / Orientation	Tract 46
Remarks	Patched asphalt between main office building and truck parking area.

Photo 98	
	**Date:** 11.04.10 **Photographer:** N. Duncan
Location / Orientation	Tract 46
Remarks	View of shop building. Note abandoned monitoring well and patched pavement.

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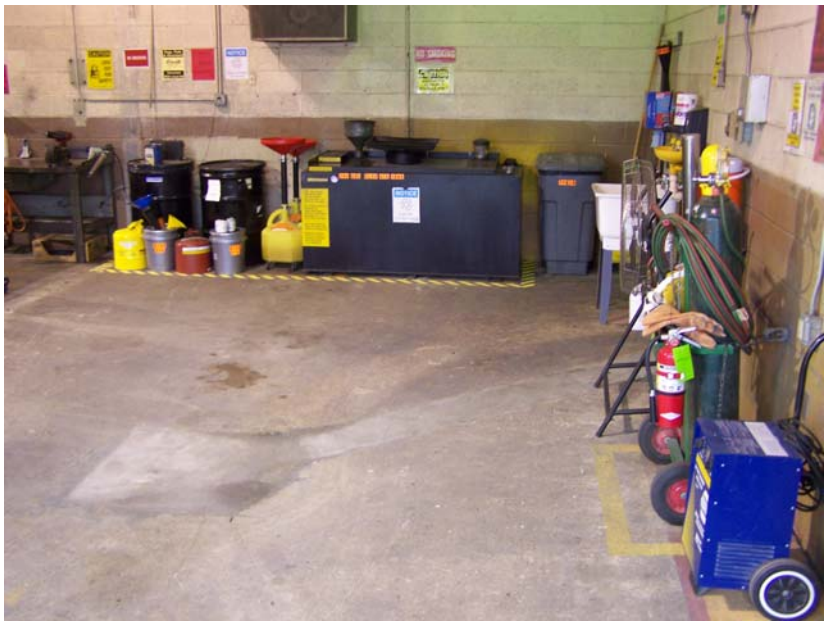
Photo 99



Date: 11.04.10

Photographer: N. Duncan

Location / Orientation	Tract 46
Remarks	Typical view of interior of shop. Note closed floor drain.

Photo 100



Date: 11.04.10

Photographer: N. Duncan

Location / Orientation	Tract 46
Remarks	ASTs observed on property.

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Photo 101	
	**Date:** 11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 47
Remarks	View of property along Stromboli Avenue toward Spruill Avenue.

Photo 102	
	**Date:** 11.01.10 **Photographer:** M. Cline
Location / Orientation	Tract 47
Remarks	View of property toward Carner Avenue.

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Photo 103	
	**Date:** 12.02.10 **Photographer:** M. Cline
Location / Orientation	Tract 49
Remarks	View of property along Spruill Avenue.

Photo 104	
	**Date:** 11.04.10 **Photographer:** M. Cline
Location / Orientation	Tract 49
Remarks	Typical view of property. Note AST and monitoring wells.

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Photo 105	
	**Date:** 11.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 50
Remarks	View of property along Spruill Avenue.

Photo 106	
	**Date:** 11.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 51
Remarks	View of property along Spruill Avenue.

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Photo 107	
	**Date:** 11.15.10 **Photographer:** M. Cline
Location / Orientation	Tract 52
Remarks	View of property.

Photo 108	
	**Date:** 12.02.10 **Photographer:** M. Cline
Location / Orientation	Tract 52
Remarks	View of property along Spruill Avenue.

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Photo 109



Date: 12.02.10

Photographer: M. Cline

Location / Orientation	Tract 52
Remarks	View of property along Spruill Avenue.

Photo 110



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 53
Remarks	View of property along Spruill Avenue.

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Photo 111	
	**Date:** 11.29.10 **Photographer:** M. Cline
Location / Orientation	Tract 53
Remarks	View of area behind building.

Photo 112	
	**Date:**11.29.10 **Photographer:** M. Cline
Location / Orientation	Tract 53
Remarks	Typical view of interior.

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Photo 113



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 54
Remarks	View of property along Spruill Avenue.

Photo 114



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 55
Remarks	View of property.

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Photo 115



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 55
Remarks	View of property along Spruill Avenue.

Photo 116



Date: 11.15.10

Photographer: M. Cline

Location / Orientation	Tract 56
Remarks	View of property along Spruill Avenue.

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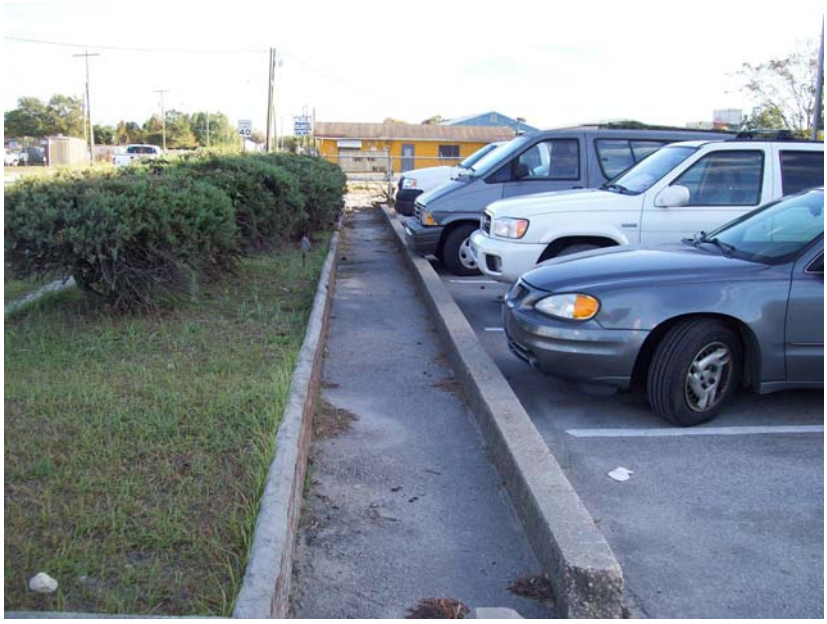
Photo 117	
	**Date:** 11.15.10 **Photographer:** M. Cline
Location / Orientation	Tract 56
Remarks	View of brick planter and parking area on property.

Photo 118	
	**Date:** 11.19.10 **Photographer:** M. Cline
Location / Orientation	Tract 57
Remarks	View of property.

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Photo 119		
	**Date:** 11.19.10	**Photographer:** M. Cline
Location / Orientation	Tract 57	
Remarks	View property interior.	

Photo 120		
	**Date:** 11.15.10	**Photographer:** M. Cline
Location / Orientation	Tract 58	
Remarks	View of property along Shipyard Creek Road.	

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Photo 121	
	**Date:** 11.15.10 **Photographer:** M. Cline
Location / Orientation	Tract 58
Remarks	View property along Spruill Avenue.

Photo 122	
	**Date:** 11.15.10 **Photographer:** M. Cline
Location / Orientation	Tract 58
Remarks	View fence line and storage yard towards the railroad.

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Photo 123	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 59
Remarks	View of property.

Photo 124	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 59
Remarks	View of ASTs observed near the proposed right-of-way.

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Photo 125	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 60
Remarks	View of property toward Bainbridge Avenue.

Photo 126	
	**Date:** 12.16.10 **Photographer:** M. Cline
Location / Orientation	Tract 62
Remarks	View of property along Meeting Street Road.

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Photo 127	
	**Date:** 11.12.10 **Photographer:** M. Cline
Location / Orientation	Tract 63
Remarks	View of property along Meeting Street Road.

Photo 128	
	**Date:** 11.12.10 **Photographer:** M. Cline
Location / Orientation	Tract 63
Remarks	View of mounds and vegetative cover observed on property.

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Photo 129	
	**Date:** 11.12.10 **Photographer:** M. Cline
Location / Orientation	Tract 67
Remarks	View of property.

Photo 130	
	**Date:** 11.12.10 **Photographer:** M. Cline
Location / Orientation	Tract 67
Remarks	View of property.

APPENDIX VII

QUALIFICATIONS OF EP AND OTHERS

CHARLES (CHUCK) W. BLACK, JR., PE, LEED AP
SENIOR ENVIRONMENTAL ENGINEER

Project Role:
Senior Environmental Engineer

Company:
S&ME, Inc.-Charleston, SC

Education:
B.S., Civil Engineering, Clemson University, 1990

Years of Experience:
Joined S&ME in 1992 with two years of previous experience

Professional Registrations:
PE, South Carolina
LEED Acceedited Professional

Professional Memberships:
American Society of Civil Engineers (currently SC Governor to National Region 4, Past SC President, Past Eastern Branch President)

National Brownfield Association (SC Executive Committee)

Charleston Civil Engineers Club (Past President)

Mr. Black is the Senior Environmental Engineer for S&ME's Charleston Office. He is skilled in the following disciplines: Directing site assessment planning and implementation programs on land, water and wetland environments (including soil borings, temporary and permanent groundwater monitoring wells, soil gas, and surface water and sediment samples).

Transactional due diligence processes including Phase I Environmental Site Assessments (per ASTM 1527-05), Brownfield / State Voluntary Cleanup Contract negotiation, design, and implementation, and Phase II Assessments.

KEY PROJECTS AND ASSIGNMENTS

- Senior Environmental Engineer for S&ME's project supporting the planning and design of the SC State Ports Authority's proposed Charleston Naval Complex Container Terminal. Project has involved completing numerous Phase I ESAs for the transferred parcels, review of existing environmental chemical data, planning for SCSPA's response to environmental conditions encountered during construction, negotiations with the SCDHEC under the Port's VCC and the US Navy's RCRA Permit.assisting port design engineers with environmental-related construction methodology.

- Senior Environmental Engineer for a variety of transactional support projects at the Charleston Naval Complex including the City of North Charleston, Noisette Development, and Clemson University.

- Senior Environmental Engineer for S&ME's project for the re-development of two closed municipal solid waste landfills on the Cooper River in Charleston, SC. Project included design and collection of samples of various media, development of waste management, landfill gas management, and foundation plans.

- Senior Environmental Engineer for S&ME's project for two former industrial Voluntary Cleanup Program (VCP) sites managed under the South Carolina Department of Health and Environmental Control's Brownsfield Program. Project involved assessment plan design, collection and analysis of soil, sediment, surface water, and groundwater samples under strict US EPA protocol, drafting assessment reports, assisting in approval of final land use design including use restrictions to obtain Certificate of Completion and liability coverage under the VCP contract.



Aerial photograph of the SCSPA's proposed Container Terminal area at the Charleston Naval Complex



Rendering of MUSC's new hospital – Ashley River Tower.



Entering a stormwater manhole for the City of Charleston's Stormwater Study

- Senior Environmental Engineer for S&ME's project for Charleston County School District drinking water compliance programs at seven rural district properties. Project included lead and copper monitoring, design of corrosion control programs, regulatory compliance and permitting, personnel training, and system guidance for schools with on-site drinking water supply wells and systems.

- Senior Environmental Engineer for S&ME's project for assisting Medical University of South Carolina (MUSC) develop remedial and safety measures to construct new hospital infrastructure on filled land in downtown Charleston. Project involved design meeting with civil, electrical, mechanical, structural and engineers and architects, development of safety and remedial protocol measures to protect workers during construction and patients and staff during building operation including methane gas management and alarm systems, and inspection during construction.

- Senior Environmental Engineer for S&ME's project for the City of Charleston's Stormwater Drainage Basin Cross-Connection Study. Project involved the mapping and determination of stormwater flow patterns in two urban watershed areas. Manholes, pipe segments, and various stormwater structures were visually inspected and smoke tested to determine potential cross connections. The goal of the project was to identify system deficiencies in need of repair in order to reduce the amount of fecal coliform in the stormwater discharge.

CONTINUING EDUCATION

OSHA Hazardous Waste Operations (40-hour, Supervisor, and annual 8-hour updates)

Stormwater Management for Industrial Properties and Construction Projects

OSHA Confined Space Entry for Entrants, Attendants, and Supervisors

Hazardous Material Spill Response and HAZMAT International Code Standards

Conducting Phase I Environmental Site Assessments, ASTM E1527-05, Environmental Data Resources, Atlanta, GA

Project Role
Project Engineer

Company
S&ME, Inc.-Mt. Pleasant, SC

Education
BS, Biosystems Engineering (Natural Resources & Environment), 2005
Clemson University

Years of Experience
Joined S&ME in 2005

Professional Registrations
Professional Engineer (PE), 2009, SC, #27758

MARY BETH CLINE, PE
PROJECT ENGINEER

Ms. Cline works for S&ME's Mt. Pleasant Office and is a project engineer. She is skilled in the following disciplines: Phase I and II Environmental Site Assessments (ESAs); Underground Storage Tank Removal programs; Brownfields; Landfills; Soil and Groundwater Investigations; and, Drilling.

KEY PROJECTS AND ASSIGNMENTS

Phase I Environmental Site Assessments
NC & SC
Project Manager for numerous Phase I Environmental Site Assessments for potential real estate transactions in North and South Carolina.

Phase II Environmental Site Assessments
NC, SC and WV
Staff Professional for Phase II environmental site assessments. Responsibilities included development of Phase II scope of work, oversight of drilling crews, data evaluation, interfacing with regulatory agencies, and report preparation.

Underground Storage Tank Removal
NC and SC
Project Manager for removal of underground storage tanks. Responsibilities included obtaining necessary permits, coordinating field activities, sampling, and report preparation.

SUPERB Sites
Various Sites in SC
Staff Professional for petroleum UST sites in South Carolina. Work included hydrogeologic assessments that involved installation of shallow and deep monitoring wells, sampling, and determination of aquifer characteristics for SUPERB projects in South Carolina.

Brownfield Site
Cabarrus County, NC
Staff Professional providing over sight of soil and groundwater assessment of former textile mill facility in Cabarrus County, North Carolina. Provided onsite supervision of drilling and sampling crews, assisted with developing assessment and work plans, and preparing assessment reports.

Methane Gas Well Installations
Spartanburg County, SC
Staff Professional providing onsite supervision of methane gas well installation for two landfills in Spartanburg County, South Carolina.

Geothermal Well Installations
Spartanburg County, SC
Staff Professional providing oversight of geothermal well installations and testing in Spartanburg County, South Carolina. Responsibilities included coordinating and supervision of field activities, data evaluation, and report preparation.

Manufactured Gas Plant Site
Spartanburg County, SC
Staff Professional providing onsite supervision of drilling crews, data evaluation, and report preparation of well installations and quarterly sampling events.

Nuclear Station Groundwater Protection Projects
York and Oconee Counties, SC and Mecklenburg County, NC
Staff Professional for voluntary groundwater protection initiative at three nuclear power plants. Installation of 119 shallow, rock, and deep rock groundwater monitoring wells, data compilation, budget supervision, reporting (tables, figures, boring logs, well logs, and vertical gradient calculations), and presentation preparation.

Nuclear Station Property Acquisition
Cherokee County, SC
Project manager for sixteen Phase I Environmental Site Assessments for a real estate transaction.

Class Two Landfills
Cherokee County, SC
Staff Professional providing regulatory compliance assistance during re-classification of C&D landfills to new Class Two landfill requirements. Services included the preparation of assessment plans, hydrogeologic characterization of landfill area, installation of groundwater monitoring wells, collection and analysis of groundwater samples, and preparation of assessment and groundwater quality reports.

Semiannual Reporting for MSW Landfills
Cherokee and Spartanburg Counties, SC
Staff Professional providing report preparation of annual and semiannual reports. Responsibilities included performing statistical analysis and creating potentiometric maps of shallow and deep aquifers.

CONTINUING EDUCATION

HAZWOPER 40-hour Health and Safety Program (OSHA 29 CFR, Part 1910.120)

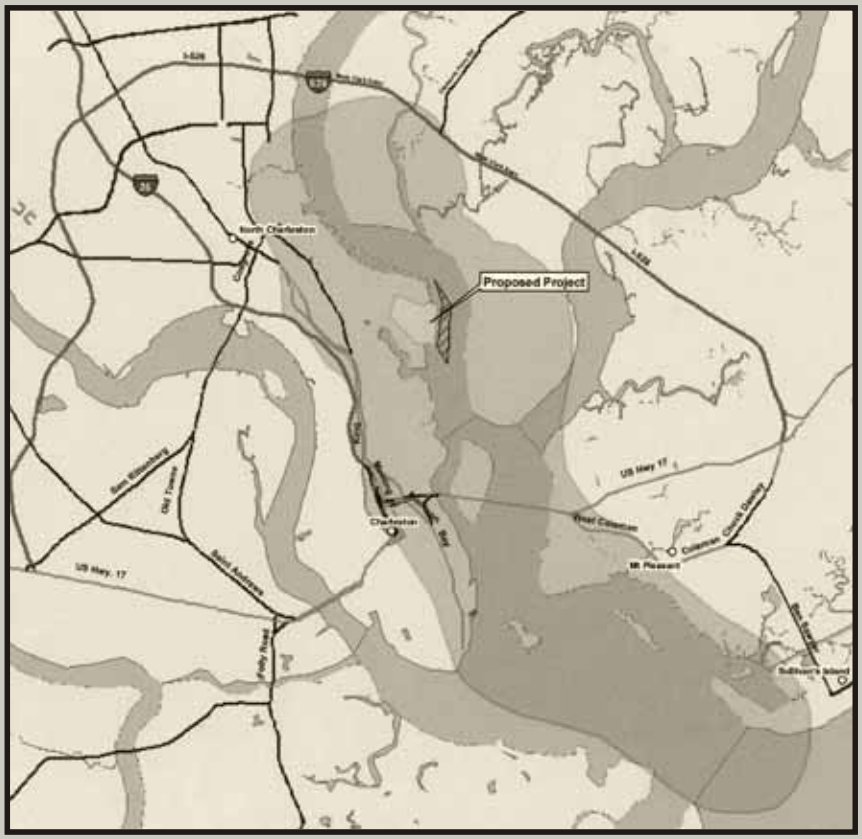
HAZWOPER 8-hour Update (OSHA 29 CFR, Part 1910.120)

S&ME Phase I Training for ASTM E1527-05

S&ME Technical Conference (2006, 2007, 2008, 2009, and 2010)

Heart Saver First Aid with CPR

Historic Properties Assessment
Proposed Marine Container Terminal
Charleston Harbor, South Carolina



Brockington and Associates, Inc.
Atlanta Charleston Raleigh
2005

Historic Properties Assessment
Proposed Marine Container Terminal
Charleston Harbor, South Carolina

Prepared for

The US Army Corps of Engineers
Charleston District

The South Carolina State Ports Authority
Charleston, South Carolina

Applied Technology and Management, Inc.
Mt. Pleasant, South Carolina

By

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Historian

Brockington and Associates, Inc.
Atlanta Charleston Raleigh Savannah

September 2005

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Introduction

Brockington and Associates, Inc., undertook a literature review of three locations for a proposed Marine Container Terminal for the South Carolina State Ports Authority (SCSPA) in Charleston Harbor. These locations include the southern portion of the Charleston Naval Center (CNC--the former US Navy base and shipyard--the proposed project); the Daniel Island location examined in an EIS prepared by Griener, Inc., for the US Army Corps of Engineers, Charleston District (USACE) and the SCSPA (a conceptual alternate location); and the southern end of Clouter Island (a conceptual alternate location). The following summarizes the result of this review. These results have been incorporated into the draft EIS (DEIS) for this project currently being prepared by Applied Technology and Management, Inc., for the USACE.

Dr. Eric C. Poplin served as Senior Archaeologist/Principal Investigator. Mr. Ed Salo served as Project Historian. Dr. Poplin and Mr. Salo conducted all of the background research. Ms. Inna Burns (Brockington and Associates, Inc.) compiled a GIS layer of known historic properties (sites, buildings, structures, objects, or districts listed on or eligible for the National Register of Historic Places [NRHP]), known potential historic properties, and areas surveyed for historic properties within one mile of the three locations. This layer is incorporated into the other environmental variables under consideration in DEIS. These activities were completed in February-May 2005.

The USACE defined the Area of Potential Effect (APE) for the DEIS with respect to historical properties as the footprints of the proposed facilities, the immediately adjacent portions of the Cooper River, potential access corridors from the terminal footprints to Interstate Highway (I-) 26 or I-526, and known historic properties in Charleston Harbor. Historic properties/potential historic properties may experience visual or audible effects from this undertaking that extend well beyond the footprint of the possible terminals at each locale. As noted above, we considered the area within 1.0 miles of the footprint of each alternate for such effects. Figure 1 displays the locations of the study area/areas for this literature review.

The CNC location lies on the southern end of the former US Navy Station/Shipyard Charleston, along the west bank of the Cooper River between the Daniel Island and Myers Bends. This portion of the CNC lies primarily on lands made since 1941. Marsh along the Cooper River and Shipyard Creek lies beneath the fill materials. Numerous buildings, structures, and infrastructure associated with the former US Navy installation lie within this area. Today many are used by a number of public and private agencies as educational and training facilities. An access

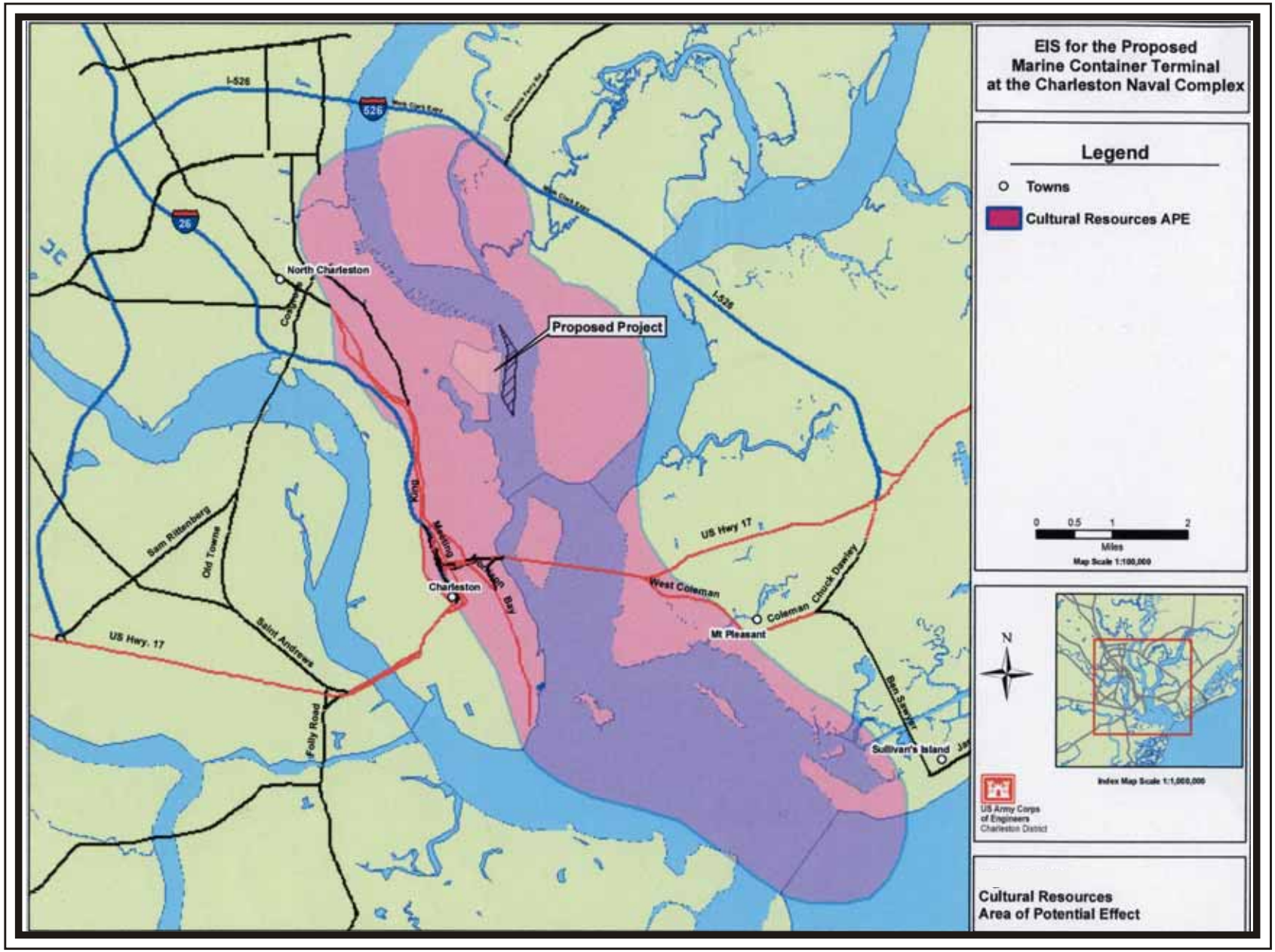

Figure 1. The historic properties study area for a proposed Marine Container Terminal at the Charleston Naval Center.

road will extend from the CNC terminal location west to I-26. Five alternate routes currently are being considered for this road by the SC Department of Transportation (SCDOT). The SCDOT is handling the permitting of this road under a separate analysis, although the USACE considers this an integral aspect of the proposed CNC Marine Container Terminal.

The Daniel Island conceptual alternate location lies on the southwest portion of the island, opposite the CNC location. Materials dredged from the nearby Cooper River cover this portion of Daniel Island completely. Marshes associated with the Cooper River lie beneath this fill. There are no buildings, structures, or other facilities within the Daniel Island location. It witnessed no use other than the disposal of dredged material during the second half of the twentieth century. A potential access corridor extends from the footprint of the proposed Daniel Island location north along the edge of Daniel Island, Thomas Island, and the mainland northwest of Daniel Island to I-526. This corridor would contain a new road and rail spur.

The Clouter Island conceptual alternate location lies on the southwest portion of the island, along the east bank of the Navy Yard Reach of the Cooper River, approximately 8,000 feet northwest of the CNC location. Materials dredged from the nearby Cooper River cover this portion of Clouter Island completely. Marshes associated with the Cooper River and Clouter Creek lie beneath this fill. There are no buildings, structures, or other facilities within the Clouter Island location. It witnessed no use other than the disposal of dredged material during the second half of the twentieth century. A potential access corridor extends from the footprint of the proposed Clouter Island location east and then north along the edge of the mainland east of Clouter Island to I-526. This corridor would contain a new road and rail spur.

A description of the methods employed during the literature review follows. A summary of previous investigations in and around the three locations includes a description of the known historic properties or known potential historic properties in or near each location. Assessments of the potential effects of the use of each location on historic properties concludes this summary.

Methods of Investigation

The Principal Investigator and Project Historian reviewed the listings of known historic properties at the SC Department of Archives and History (SCDAH); the listings of known archaeological sites at the South Carolina Institute of Archaeology and Anthropology (SCIAA); and

reports of previous cultural resources investigations in the study area at the SCIAA, at the US Navy Facilities Engineering Command, Southern Division in Charleston, and at the USACE. The locations of historic properties and previous investigations were extracted from the published reports and from the CRIS GIS database maintained by the SCDAH. The locations of NRHP eligible and potentially eligible archaeological sites were extracted from the state site files maintained by the SCIAA.

Previous Investigations and Identified Historic Properties

Numerous historic and archaeological investigations occurred in and around each of the three alternate locations for the proposed Marine Container Terminal within the last 20 years. Only five of these investigations examined specific portions of the APE for any of the three alternate locations. These include Griener, Inc.'s EIS for a proposed marine container terminal on Daniel Island, Shmookler's (1995) archaeological assessment of the CNC, Watts' (1986) remote sensing reconnaissance survey of Charleston Harbor that examined the channel of the Cooper River adjacent to each of the three alternate locations, Watts' (1989) investigation of portions of the Cooper River and Shipyard Creek adjacent to the CNC, and Watts' (1995) underwater investigations in the Cooper River along Daniel and Clouter Islands. Two broad historic contexts developed for the Department of Defense (Cannan et al. 1995; Whelan et al. 1997) also considered the CNC, providing histories of its development prior to World War II and during World War II, respectively. Similarly, The USC Legacy Project (1995) identified 13 buildings at the CNC that could be associated with significant events that occurred during the Cold War era, and should be considered potential historic properties. A brief summary of these investigations with respect to each location follows.

The CNC Location

Investigations near the CNC location for the proposed Marine Container Terminal include Fick's (1995) architectural survey of North Charleston and environs, Goodwin and Associates, Inc.'s (1995) architectural survey of selected portions of the CNC, Shmookler's (1995) archaeological assessment of the CNC, Tidewater Atlantic Research, Inc.'s (1995) management and GIS study of the Charleston Harbor area, the USC Legacy Project's (1995) overview of Cold War era cultural resources in South Carolina, Watts' (1986) remote sensing reconnaissance survey of Charleston Harbor, and Watts' (1989, 1995) intensive surveys and inspections of selected portions of the Cooper

River. This list does not include any investigations that occurred within or near the potential routes of the proposed access road since the SCDOT is handling that road as a separate project. However, the major investigation that examined nearby portions of the Charleston peninsula is Beaty and Bailey's (2004) architectural survey of the Upper Peninsula of the City of Charleston. Figure 2 displays the locations of previous cultural resources investigations and historic properties/potential historic properties near the proposed CNC location.

Fick (1995) identified one historic property, the Five Mile Viaduct, within one mile of the CNC alternate location during her survey of the City of North Charleston and nearby environs. This bridge carries upper King Street over Meeting Street.

Goodwin and Associates, Inc. (1995) conducted an architectural survey of the CNC prior to its closing. They identified 121 individual buildings or structures as historic properties on the CNC; 118 lie within three historic districts. These districts all lie to the north of the location of the proposed Marine Container Terminal. These districts include the Naval Shipyard District, the Naval Hospital District, and the Officer Housing District. The three historic properties that stand outside the districts include Buildings 1179 (World War II era chapel), Building 590-A (late 1930s US Coast Guard bachelor officers' quarters), and Building M-17 (World War I era Marine Barracks). All stand in the northern portion of the CNC, adjacent to the historic districts. Also, the presumed eighteenth-century powder magazine (often called the "Dead House") is a potential historic property, located within the Officer Housing District.

Shmookler (1995) conducted an assessment of the potential of the CNC to contain archaeological resources. He determined that most of the installation witnessed extensive alterations during its development and use by the US Navy. Much of the land within the CNC was created during the twentieth century to accommodate the Navy's activities. Other areas were modified to accommodate the facilities constructed and activities undertaken by the US Navy. The CNC alternate location lies on lands made since 1941. Thus, there is little potential for archaeological sites to be present in the CNC location.

The USC Legacy Project (1995) identified 13 buildings and facilities as potential historic properties due to their possible associations with significant events during the Cold War era (1946-1989). Building 686 (Operational Trainer Facility built in 1983) stands just south of the intersection of South Hobson Street and Barracks Road, adjacent to the proposed CNC location. Building 643 (Fleet and Mine Warfare Training Center of unknown construction date) stands on the north side of

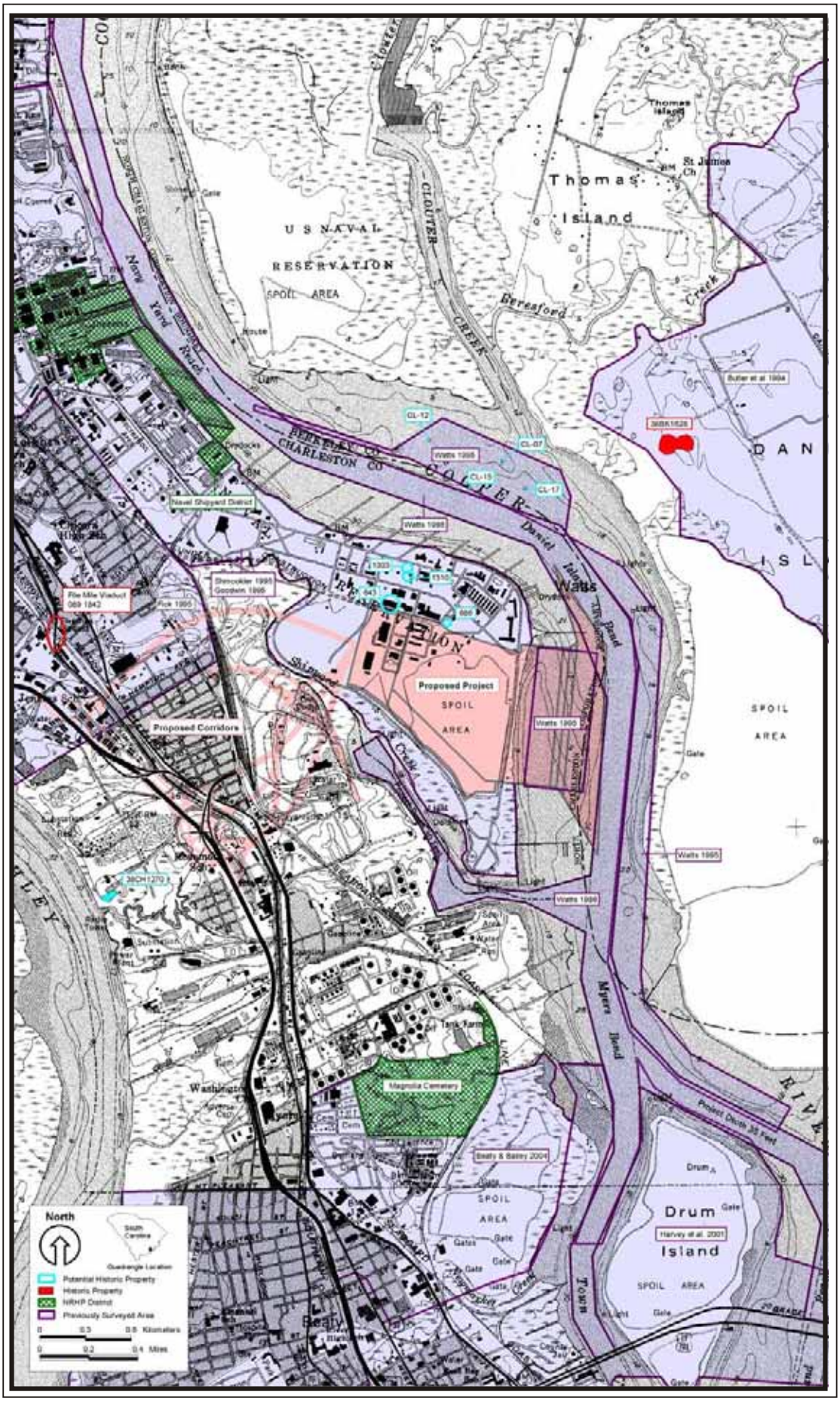

Figure 2. The location of previous cultural resources investigations and known historic properties/potential historic properties on or near the proposed CNC Marine Container Terminal.

Bainbridge Avenue, adjacent to the proposed CNC location. Buildings 1303 (Damage Control Mock-up built in 1953) and 1310 (Carrier Compartment Mock-up built in 1953) stand between Dyess and South Hobson Avenues, north of the proposed CNC location.

Watts (1986, 1989, 1995) undertook underwater surveys and assessments of selected portions of the navigational channel of the Cooper River and areas between the channel and the bank of the river. These studies identified no potential historic properties in the portions of the Cooper River between the existing wharves at the CNC and the opposite edge of the main ship channel of the Cooper River at the CNC location.

There are two archaeological sites that are potential historic properties that lie near the CNC location. These sites are 38CH1496 (a Mississippian camp site) within the Officer Housing District and 38CH1270 on the Ashley River southwest of the CNC.

The Daniel Island Conceptual Alternate Location

Investigations near the Daniel Island conceptual alternate location include Butler et al.'s (1994) survey of Daniel Island, Tidewater Atlantic Research, Inc.'s (1995) management and GIS study of the Charleston Harbor area, Trinkley's (1978) and Trinkley and Tippett's (1980) surveys and assessments of the I-526 corridor, Watts' (1986) remote sensing reconnaissance survey of Charleston Harbor, and Watts' (1995) intensive survey and inspection of selected portions of the Cooper River. Figure 3 displays the locations of the previous investigations and historic/potential historic properties near the Daniel Island location.

Butler et al. (1994) identified three archaeological sites that are historic properties near the Daniel Island location. These include 38BK1627 (an eighteenth-nineteenth century plantation site), 38BK1628 (an early eighteenth century plantation site), and 38BK1629 (an eighteenth-nineteenth century plantation site). The Daniel Island Company currently is sponsoring data recovery investigations at 38BK1628. Once these investigations are complete, this site will require no further management consideration.

One of the potential historic properties identified by the USC Legacy Project (1995), Building 686, lies on the opposite bank of the Cooper River from the Daniel Island location.

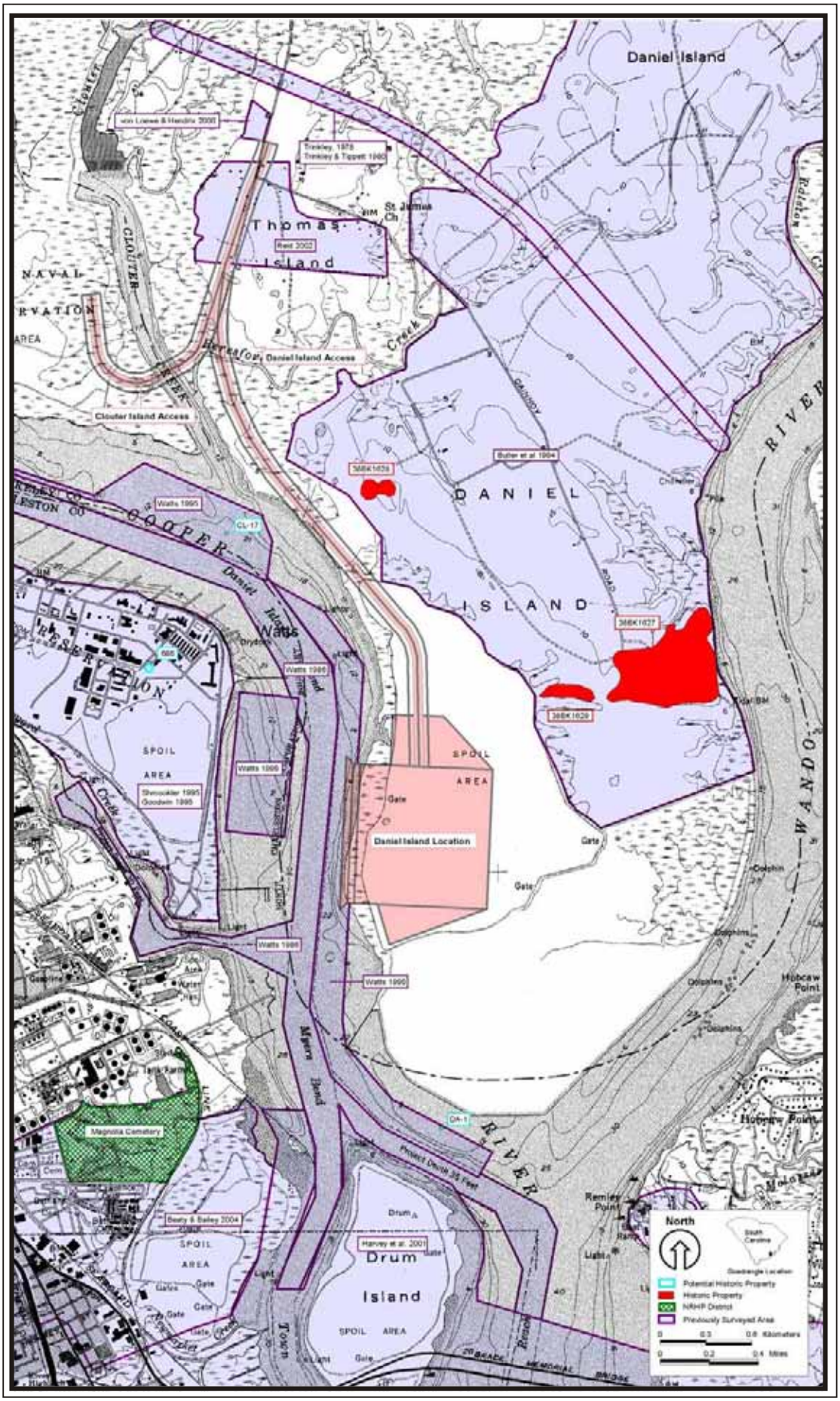

Figure 3. The location of previous cultural resources investigations and known historic properties/potential historic properties on or near the proposed Daniel Island conceptual alternate location.

Watts' (1995) survey of nearby portions of the Cooper River identified two potential historic properties near the Daniel Island location. These include one underwater anomaly along the south edge of Clouter Island (CL-17) and one underwater remote sensing anomaly (DA-01) near the southern end of Daniel Island that display characteristics of shipwrecks or artifacts deposits that may contain important information about the past; both are potentially eligible for the NRHP. Watts' (1995) survey of the portions of the Cooper River between the Daniel Island location and the opposite edge of the main ship channel identified no submerged cultural resources.

Despite the lack of investigations within the Daniel Island location, there is little potential for archaeological sites to exist within the terrestrial portions of the footprint of the proposed terminal. Dredged materials taken from the nearby portions of the Cooper River cover this entire area to a depth of tens of feet. It is possible that archaeological resources once existed in the marshes that were originally present at this locale. However, it is highly unlikely that any archaeological resources survive intact beneath the tons of material that has been placed above the original marsh surface since the use of this area for the placement of dredged materials began.

The Daniel Island location includes an access corridor that extends along the western edge of Daniel Island and the western edge of Thomas Island to Clements Ferry Road (S-33) near its intersection with I-526 (see Figure 3). Two studies examined portions of this corridor. These include Reid's (2002) assessment of a proposed transmission line and von Loewe and Hendrix's (2000) survey of the Skatell Tract. Neither of these investigations identified any historic properties/potential historic properties within the potential access corridor. Other portions of this corridor have not been surveyed for historic properties. These areas would have to be surveyed should the Daniel Island location and access corridor ever be selected for the construction of a future marine container terminal or other facilities that require permits from the USACE or the SC Office of Ocean and Coastal Resource Management.

The Clouter Island Conceptual Alternate Location

Investigations near the Clouter Island conceptual alternate location include Butler et al.'s (1994) survey of Daniel Island, Munson and Shuler's (2003) survey of the Stoney Tract, Reid's (2002) assessment of a proposed transmission line, Tidewater Atlantic Research, Inc.'s (1995) management and GIS study of the Charleston Harbor area, Trinkley's (1978) and Trinkley and Tippett's (1980) surveys and assessments of the I-526 corridor, von Loewe and Hendrix's (2000)

survey of the Skatell Tract, Watts' (1986) remote sensing reconnaissance survey of Charleston Harbor, and Watts' (1995) intensive survey and inspection of selected portions of the Cooper River. The SC Department of Transportation and its consultants also conducted numerous surveys of selected borrow pit locales along Clements Ferry Road (S-33) northeast of the Clouter Island location in support of the construction of I-526. Figure 4 displays the locations of the previous investigations and historic/potential historic properties near the Clouter Island location.

Of the above referenced studies, only Watts (1995) surveyed any lands within or immediately adjacent to the footprint of the Clouter Island location. Watts (1995) identified four underwater remote sensing anomalies (CL-7, CL-12, CL-15, and CL-17) along the south edge of Clouter Island near the mouth of Clouter Creek that display characteristics of shipwrecks or artifact deposits that may contain important information about the past. All are potentially eligible for the NRHP. Tidewater Atlantic Research, Inc. (1995) indicates that the unsurveyed portions of the Cooper River between the Clouter Island location and the main ship channel possess a moderate to high potential to contain submerged cultural resources such as shipwrecks. Watts' (1995) survey appears to support this assessment.

There are no historic properties in or adjacent to the Clouter Creek location, although the known and potential properties within the CNC (as noted above for the CNC location) lie on the west bank of the Cooper River opposite this location. These include the Naval Shipyard Historic District, the Naval Hospital Historic District, the Officer Housing Historic District, Building 1179, Building 590-A, Building M-17, Building 1303, Building 1310, and the "Dead House." Potential historic properties near the Clouter Island location include archaeological site 38BK1496 on the opposite bank of the Cooper River and four underwater remote sensing anomalies (CL-7, CL-12, CL-15, and CL-17) noted above.

Despite the lack of investigations within the Clouter Island location, there is little potential for archaeological sites to exist within the terrestrial portions of the footprint of the proposed terminal. Dredged materials, taken from the nearby portions of the Cooper River, cover this entire area to depth of tens of feet. It is possible that archaeological resources once existed in the marshes that were originally present at this locale. However, it is highly unlikely that any archaeological resources survive intact beneath the tons of material that has been placed above the original marsh surface since the use of this area for the placement of dredged materials began.

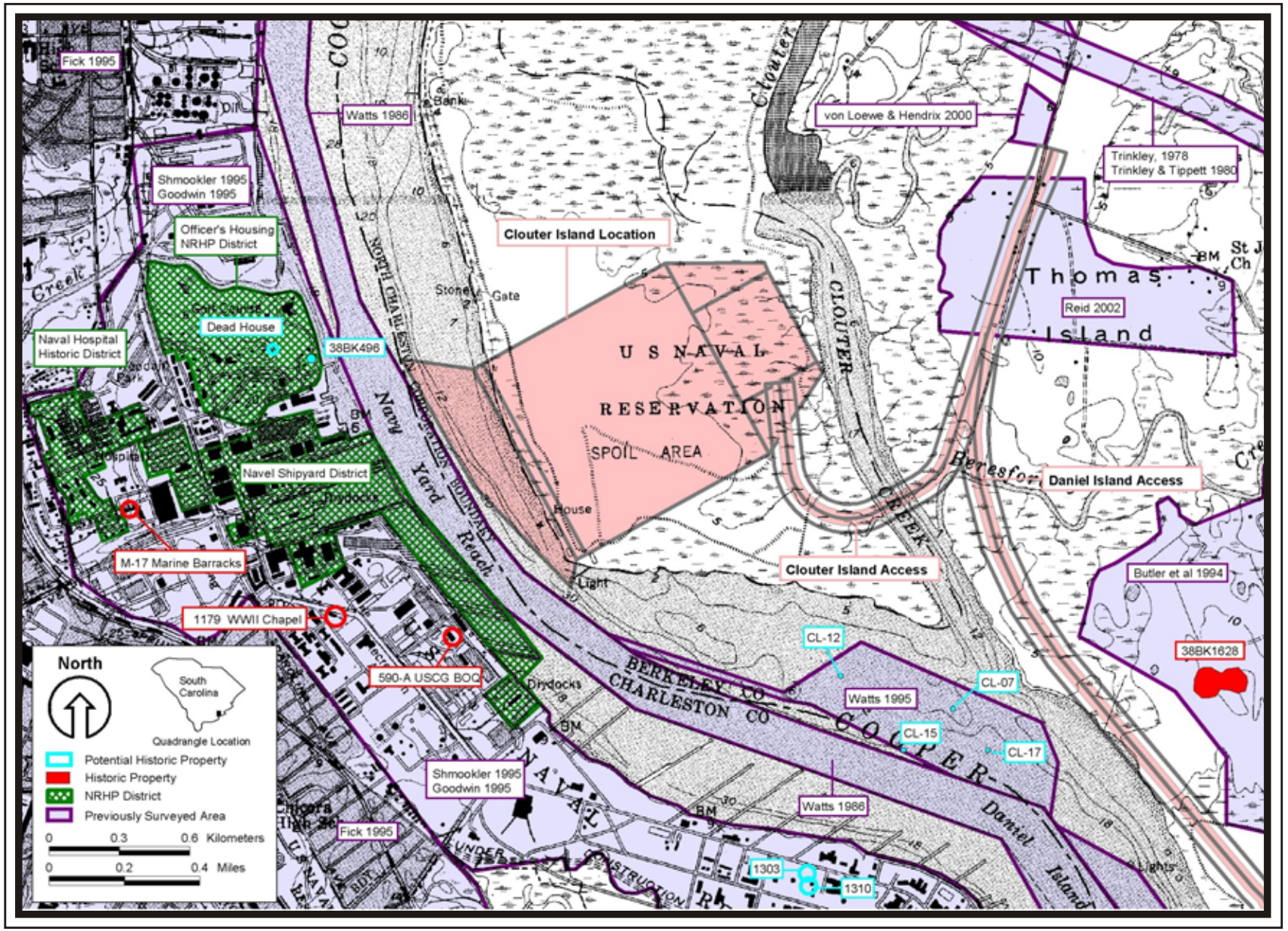

Figure 4. The location of previous cultural resources investigations and know historic properties/potential historic properties on or near the proposed Clouter Island alternate location.

The proposed access corridor for the Clouter Island location extends along the southeastern edge of Clouter Island, crosses Clouter Creek, and continues along the western edge of Thomas Island to Clements Ferry (S-33) and its intersection with I-526 (see Figure 4). Two studies examined portions of this corridor. These include Reid's (2002) assessment of a proposed transmission line and von Loewe and Hendrix's (2000) survey of the Skatell Tract. Neither of these investigations identified any historic properties/potential historic properties within the potential access corridor. Portions of this corridor have not been surveyed for historic properties. These areas would have to be surveyed should the Clouter Island location and access corridor ever be selected for the construction of a future marine container terminal or other facilities that require permits from the USACE or the SC Office of Ocean and Coastal Resource Management.

Charleston Harbor

The above discussions summarize the historic properties and potential historic properties that lie near the three locations for the proposed Marine Container Terminal, within the project APE as defined above. Operation of the terminal at any of the three locations will increase the number of cargo vessels that enter Charleston Harbor and transit the Cooper River. There are ten historic properties that exist between the mouth of the Harbor and the locations of the proposed terminals that may be affected by the increased ship traffic. These properties include Fort Sumter National Monument, Fort Moultrie National Monument, Castle Pinckney, Old and Historic Charleston Historic District, Magnolia Cemetery, Mount Pleasant Historic District, *USS Yorktown (CV-10), USS Laffey (DD724), USS Clamagore (SS-343),* and *USCGC Ingham (WHEC-35)*. Figure 5 displays the locations of these historic properties with respect to the three locations.

The Fort Sumter National Monument was established in 1948, and listed on the NRHP in 1966. The remnants of this masonry fort, associated with the Civil War defense of Charleston, stand on the south side of the mouth of Charleston Harbor. Fort Sumter lies 6-9 miles southeast of the locations for the proposed Marine Container Terminal. Fort Moultrie, fortifications on Sullivans Island associated with the Revolutionary and Civil Wars as well as coastal defenses throughout the history of the United States, was added to the Fort Sumter National Monument in 1960 and listed on the NRHP in 1966. Fort Moultrie lies 6-8.9 miles southeast of the alternate locations for the proposed Marine Container Terminal. Castle Pinckney stands on Shutes Folly near the center of the Harbor approximately 4-6.5 miles south of the alternate locations for the proposed Marine Container Terminal; this brick fortification, built in 1808-1811, was listed on the NRHP in 1970.

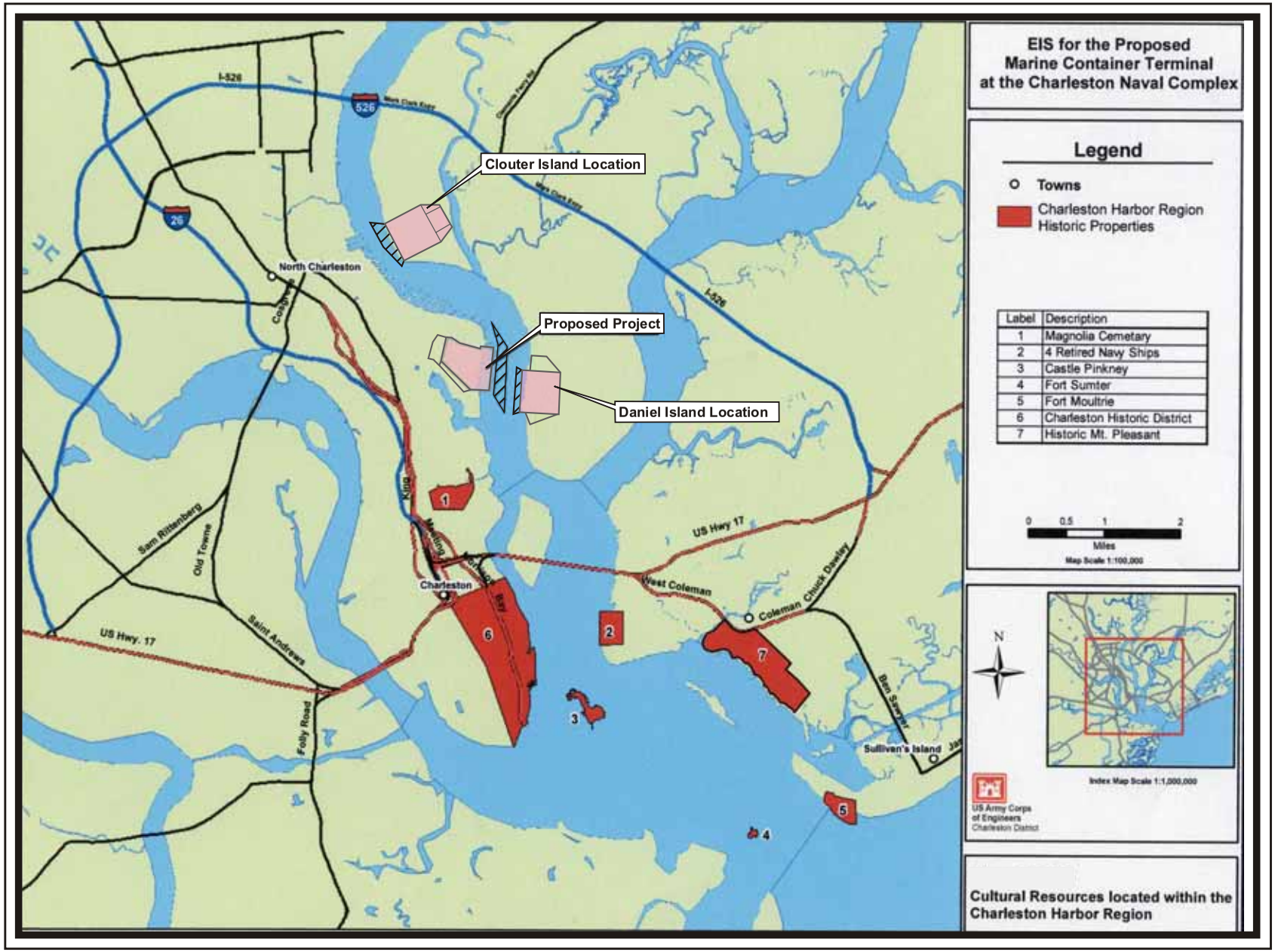

Figure 5. The location of historic properties in and along Charleston Harbor that may be affected by the operation of a proposed Marine Container Terminal at the Charleston Naval Center.

The Old and Historic Charleston Historic District contains hundreds of eighteenth- and nineteenth-century buildings associated with the development of this historically important seaport since its founding in 1680. Listed on the NRHP in 1966, with a portion defined as a National Historic Landmark, the boundaries of the District were expanded in 1970 and 1978; additional adjoining portions of the City are eligible for the NRHP as components of the District but have not been included within the current boundaries. The District contains most of peninsular Charleston south of US Highway 17, excluding recent port and industrial facilities at its northeast corner. It lies 2.5-4.5 miles south of the alternate locations for the proposed Marine Container Terminal.

The Mount Pleasant Historic District includes numerous eighteenth- to early twentieth-century houses and buildings associated with this early summer resort community. The District extends along the east side of Charleston Harbor opposite the City of Charleston 3.7-5.6 miles southeast of the alternate locations for the proposed Marine Container Terminal; Shem Creek forms the northern boundary of the District.

Magnolia Cemetery lies on the west bank of the Cooper River approximately 1.1-3 miles south of the alternate locations for the proposed Marine Container Terminal. Extensive marshes lie between this nineteenth century cemetery and the river.

The four ships listed on the NRHP berth at the Patriot's Point Maritime Museum on the east side of Charleston Harbor, 3-5.6 miles southeast of the alternate locations for the proposed Marine Container Terminal. All four possess strong associations with World War II as well as continued service and associations with important historical events during the 1950s, 1960s, and 1970s. The aircraft carrier *USS Yorktown (CV-10)* served in all major conflicts of the 1940s-1960s, and recovered the crew of Apollo 8 space mission. Destroyer *USS Laffey (DD-724)* served in World War II and the Korean War. Submarine *USS Clamagore (SS-343)* saw action in World War II and was one of the last diesel-electric submarines in US Navy service. Coast Guard cutter *USCGC Ingham (WHEC-35)* sank a German submarine in World War II, participated in the Korean War, and then conducted drug interdiction activities during the 1960s and 1970s.

Assessments of Effect

The construction and operation of a proposed Marine Container Terminal may affect historic properties or potential historic properties within the currently defined APE if the undertaking will

alter the character or use of historic properties. Using the information extracted from the previous investigations and the data sources noted above, we assessed the potential for the use of each alternate location to affect historic properties.

The CNC Location

As currently designed, the construction of a Marine Container Terminal at the CNC location may affect four potential historic properties: Buildings 643, 686, 1303, and 1310. The USC Legacy Project (1995) identified these architectural resources as having a potential to reflect the Cold War operation of the former US Naval Station Charleston in such a manner that they may be eligible for the NRHP. As per the guidance of the National Park Service National Register program, Cold War era resources (and all sites less than 50 years of age) may be eligible for the NRHP *if* they display exceptional significance. That is, the resource must be directly linked to an event of historical significance (e.g., the Berlin Airlift, the Cuban Missile Crisis, the Bay of Pigs Invasion), or it must reflect in a unique manner some policy or process that is paramount to the prosecution of the Cold War. These resources must retain those elements that reflect their Cold War use as well. In the present case, Buildings 1303 and 1310 should retain their internal elements that permitted the training activities for which they were designed. In addition, if these elements have been removed, these buildings would not be eligible for the NRHP. And, these training activities must be related to an important aspect of US Navy Cold War activities/policies (e.g., nuclear power plants, guided missile submarines, etc.) and not just to an activity that the US Navy pursued before and after the Cold War era.

The NRHP status of two of the four Cold War era buildings needs to be determined in order to assess the effect of the proposed Marine Container Terminal. Buildings 643 and 686 stand immediately adjacent to the footprint of the proposed terminal. It is possible that these buildings, should they be determined eligible for the NRHP, could suffer adverse effects as a result of the construction and operation of the proposed terminal. The other two potential historic properties (Buildings 1303 and 1310) stand 800+ feet north of the footprint of the proposed terminal. There are other buildings between the proposed terminal and these potential historic properties. They are surrounded by mixed-use facilities (including administrative, commercial, and industrial facilities). As such, the construction and maintenance of the proposed terminal will not alter the present setting or condition of Buildings 1303 and 1310.

Historic properties near the CNC location for the proposed Marine Container Terminal are separated from the footprint of the terminal by an existing port facility and/or commercial and industrial facilities that presently exist on the CNC. Thus, the construction and operation of the proposed Marine Container Terminal at the CNC location will not alter the setting or condition of these historic properties. Therefore, the construction and operation of a Marine Container Terminal will affect none of the known historic properties that lie within one mile of this location.

Proposed routes for an access roadway to the proposed terminal extend west and south from the CNC to I-26 (see Figure 2). None of this portion of the Charleston Peninsula has been surveyed for historic properties. The SCDOT is handling the permitting of this roadway as a separate project, however, the terminal cannot function without this roadway. Historic properties surveys will have to be conducted of the alternate routes to determine if the construction and use of the roadway will affect any historic properties.

In summary, construction and operation activities within the footprint of the proposed CNC Marine Container Terminal will affect no known historic properties but may affect two potential historic properties associated with the Cold War operation of the former US Naval Station Charleston should these resources be eligible for the NRHP. There is no potential for terrestrial or submerged archaeological resources eligible for the NRHP to exist within the footprint of the proposed CNC terminal. Intensive survey of the proposed roadway corridors is necessary to determine if the construction and use of this roadway will affect any historic properties.

The Daniel Island Conceptual Alternate Location

As currently designed, the construction of a Marine Container Terminal at the Daniel Island conceptual alternate location may affect unevaluated submerged resource DA-01 in the Cooper River south of Daniel Island. NRHP evaluation of this resource will be necessary before an assessment of the effect of the construction and operation of the proposed Daniel Island Marine Container Terminal can be made. Also, portions of the access corridor to the Daniel Island location have not been surveyed for historic properties. Such surveys will have to be completed to determine if other historic properties may be affected.

All of the nearby historic properties and all but four of the nearby potential historic properties lie on the opposite bank of the Cooper River within the CNC. These historic properties and potential

historic properties all lie within the industrial and administrative facilities of the former US Navy Station/Shipyard Charleston. As such, the construction and operation of a Marine Container Terminal at the Daniel Island location will not alter the setting or condition of these buildings and districts. Therefore, the construction and operation of a Marine Container Terminal will affect none of the known historic properties that lie within one mile of this alternate location.

One submerged potential historic property (remote sensing anomaly DA-01) lies 4,000 feet southeast of the footprint of a Marine Container Terminal on Daniel Island. The construction and operation of a terminal on Daniel Island could alter the setting and condition of this resource. However, the NRHP eligibility of DA-01 needs to be determined in order to assess the effect that the use of the Daniel Island location as a Marine Container Terminal may have on this resource.

In summary, construction and operation activities within the footprint of a Marine Container Terminal at the Daniel Island location will affect no known historic properties but may affect one submerged resource in the Cooper River should this resource become eligible for the NRHP. There is no potential for terrestrial archaeological resources eligible for the NRHP to exist within the footprint of the Daniel Island alternate location. Historic properties may exist within the proposed access corridor; intensive survey of the unexamined portions of this corridor will be necessary to determine if historic properties are present that may be affected.

The Clouter Island Conceptual Alternate Location

As currently designed, the construction of a Marine Container Terminal at the Clouter Island conceptual alternate location may affect as yet unidentified and unevaluated submerged archaeological resources in the portion of the Cooper River between the bank of Clouter Island and the eastern edge of the main ship channel. Intensive survey and subsequent evaluation of any identified resources will be necessary before an assessment of the effect of the construction and operation of the proposed Clouter Island Marine Container Terminal can be made. Also, portions of the access corridor to the Clouter Island location have not been surveyed for historic properties. These surveys will have to be completed before a complete assessment of the potential effects of the use of the Clouter Island location can be made.

All of the nearby historic properties and all but four of the nearby potential historic properties lie on the opposite bank of the Cooper River within the CNC. These historic properties and potential

historic properties all lie within the industrial and administrative facilities of the former US Navy Station/Shipyard Charleston. As such, the construction and operation of a Marine Container Terminal at the Clouter Island location will not alter the setting or condition of these buildings and districts. Therefore, the construction and operation of a Marine Container Terminal will affect none of the known historic properties that lie within one mile of this location.

Four submerged potential historic properties (remote sensing anomalies CL-7, CL-12, CL-15, and CL-17) lie 3,500-6,000 feet southeast of the footprint of a Marine Container Terminal on Clouter Island. The construction and operation of a terminal on Clouter Island could alter the setting and condition of these resources. However, the NRHP eligibility of these resources needs to be determined in order to assess the effect on these resources by the use of the Clouter Island location as a Marine Container Terminal.

In summary, construction and operation activities within the footprint of a Marine Container Terminal at the Clouter Island location will affect no known historic properties but may affect four submerged resources or as yet unidentified submerged resources in the Cooper River should any of these resources become eligible for the NRHP. There is no potential for terrestrial archaeological resources eligible for the NRHP to exist within the footprint of the Clouter Island location. Intensive survey of the unexamined portions of the access corridor for the Clouter Island location will be necessary to determine if there are any historic properties in this corridor that may be affected by the use of the Clouter Island location.

Charleston Harbor

Increased ship traffic related to the operation of the proposed Marine Container Terminal at the CNC location or the Daniel Island or Clouter Island conceptual alternate locations may effect 10 historic properties that lie along Charleston Harbor between these locations and the harbor mouth. Additional shipping may alter the current setting of the historic properties along Charleston Harbor, creating visual and audible impacts as well as potential degradation of the setting through erosion caused by vessel wakes. Analysis of erosion potential conducted by Applied Technology and Management, Inc., for the DEIS indicate that vessel wakes are a very minor factor among many others that create shoreline erosion in Charleston Harbor. Thus, increased erosion to the shorelines adjacent to historic properties that lie directly on Charleston Harbor (Fort Moultrie, Fort Sumter, Castle Pinckney) as a result of increased ship traffic will be minimal.

The operation of the proposed Marine Container Terminal will result in more vessels being visible and audible from any of the 10 historic properties that lie along Charleston Harbor. In the case of the Old and Historic Charleston Historic District, the Mount Pleasant Historic District, and Magnolia Cemetery, these vessels will travel through the ship channel that lies 3,000-6,000 feet away. Industrial and existing maritime facilities currently separate the Old and Historic Charleston Historic District from the ship channel. Additional vessels in the ship channel will not alter the existing setting of the District to such an extent that the feeling or character of the District will be affected. The vessels will dock and moor at the CNC location. The relationship of most of the District to the Harbor and view sheds to the Harbor from the District will not be altered. In addition, Charleston was one of the most active seaports of the colonial and antebellum periods, and owes much of its growth throughout its past to its port facilities. Thus, the continued use of Charleston Harbor as a maritime facility does not affect the setting of the district.

Similarly, extensive marshes and industrial facilities separate most of Magnolia Cemetery from the Cooper River. Increased ship traffic in the Cooper River channel will not alter the setting of the cemetery to such a extent that its historic character is degraded. The Mount Pleasant Historic District lies over 6,000 feet from the main ship channel. Small islands and shallow flats lie between the District and the channel. Like the Charleston district, the relationship of the Mount Pleasant district to the Harbor and view sheds from the District to the Harbor will not be altered. Thus, increased shipping will not affect Magnolia Cemetery and the Mount Pleasant Historic District.

The setting and condition of the four warships at Patriot's Point Maritime Museum will not be altered by increased ship traffic in Charleston Harbor. The vessels themselves provide the setting of their associations. None has a specific connection to Charleston Harbor, nor will the relationship of the vessels to the Harbor be altered. Thus, increased shipping in Charleston Harbor will not affect the four warships.

Fort Sumter, Fort Moultrie, and Castle Pinckney lie 1,500-3,000 feet from main ship channel into Charleston Harbor. Every day, cargo vessels pass these historic properties. Increased ship traffic will not alter the setting of these forts to the Harbor or the Harbor entrance. View sheds from the forts to each other and to other elements of the Harbor will not be altered. Castle Pinckney is not currently available for visitors. However, Forts Sumter and Moultrie are both owned and operated by the National Park Service and receive hundreds of visitors each day. While the presence of a large ship in the channel could detract from a visitor's experience during a visit to either fortification, vessels seldom require more than a few minutes to pass either one. The limited

imposition of cargo vessels likely will not alter a visitor's experience to such an extent that the historical character of Fort Sumter or Fort Moultrie cannot be visualized or understood. Thus, increased shipping associated with the operation of the proposed Marine Container Terminal will not affect Fort Sumter, Fort Moultrie, or Castle Pinckney adversely.

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RE: Addendum to the Cultural Resources Survey of the Proposed Access Road Alternate Alignments, South Carolina State Ports Authority's Charleston Naval Center Marine Container Terminal, Charleston County, South Carolina

Dear Ms. Dobrasko:

On 12 April 2006, ATM provided us a new Alternate (Alternate 1D) to survey as part of the previous Cultural Resources Survey of the proposed access road alternate alignments for South Carolina State Ports Authority's Charleston Naval Center Marine Container Terminal. It is very close to the alignment for Alternate 1C, except that the local connector road goes around and north of the incinerator. The present investigations involved an intensive architectural survey and archaeological literature review of the new alternate. The Area of Potential Effect (APE) for the alternate alignment extends 200 feet to each side of the centerline as currently shown in the Draft Environmental Impact Statement (DEIS), creating a 400-foot-wide APE for each alternate alignment.

An intensive architectural survey and archaeological reconnaissance of the new alternate was conducted on 18 April 2006. The investigations consisted of a windshield survey of the project area to identify any potential historic architectural resources in the project area. The Architectural Historian recorded any buildings, structures, objects, or landscapes within 90 meters (300 feet) of the project that are over 50 years of age and that retained sufficient integrity using the Statewide Survey of Historic Properties Intensive Documentation Form and 35mm black-and-white photography. The Architectural Historian identified no historic architectural resources within the architectural area of potential effect.

The Senior Archaeologist also reviewed archaeological literature of the new alternate to determine the potential for archaeological sites to exist along the alternate alignment and to determine the potential effects of the construction and the use of the alternate alignment on historic properties. Given that the alternate route of the proposed access road crosses recently made lands or areas that are heavily developed, we recommend that there is little or no potential for intact archaeological deposits to exist within the new alternate route.

These findings will be integrated into the final draft report. Thank you for the opportunity to assist you with this project. If you need further information or have any questions, please call me at 843.881.3128 extension 22, or 843.697.2524.

Sincerely

Edward Salo
Architectural Historian

cc: Nathaniel Ball - USACE, Charleston District
Bo Ellis - ATM

Cultural Resources Survey of the Proposed Access Road Alternate Alignments, South Carolina State Ports Authority's Charleston Naval Center Marine Container Terminal Project, Charleston County, South Carolina

Final Report

Prepared for

The US Army Corps of Engineers
Charleston District

The South Carolina State Ports Authority
Charleston, South Carolina

Applied Technology and Management, Inc.
Mt. Pleasant, South Carolina

By

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Brockington and Associates, Inc.
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May 2006

Abstract

Brockington and Associates, Inc., undertook cultural resources investigations in support of the proposed access road alternate alignments for South Carolina (SC) State Ports Authority's (SPA) Charleston Naval Center (CNC) Marine Container Terminal, Charleston County, South Carolina, in January 2006. The present investigations involved an intensive architectural survey and archaeological literature review of all six alternates. The Area of Potential Effect (APE) for each alternate alignment extends 200 feet to each side of the centerline as currently shown in the Draft Environmental Impact Statement (DEIS), creating a 400-foot-wide APE for each alternate alignment.

The Architectural Historian identified 39 historic architectural resources (4281-4319) in the architectural survey universe. We recommend three historic architectural resources (4286, 4306, and 4309) eligible for the NRHP. The remaining 36 historic architectural resources are recommended not eligible for the NRHP. None of the eligible resources will be impacted by the construction. The Senior Archaeologist also reviewed archaeological literature for all six alternates to determine the potential for archaeological sites to exist along each alternate alignment, the potential effects of the construction, and the use of each alternate alignment on historic properties. Given that the alternate routes of the proposed access road all cross recently made lands or areas that are heavily developed, we recommend that there is little or no potential for intact archaeological deposits to exist within any of the alternate routes. None of these corridors warrants further archaeological investigation.

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Chapter I. Introduction and Methods

Introduction

Brockington and Associates, Inc., undertook cultural resources investigations in support of the proposed access road alternate alignments for South Carolina (SC) State Ports Authority's (SPA) Charleston Naval Center (CNC) Marine Container Terminal, Charleston County, South Carolina, in January 2006. These investigations provide partial compliance with federal regulations and state guidelines concerning the management of historic properties (buildings, structures, objects, sites, or districts listed on or eligible for the National Register of Historic Places [NRHP]) that may be affected by proposed highway development as per Section 4(f) of the U.S. Department of Transportation Act of 1966, as amended in 1983 (49 USC Section 303); the National Environmental Policy Act of 1969 (Public Law 91-190); and the National Historic Preservation Act of 1966 (16 USC 470), as amended through 1992.

The SC SPA development of a marine container terminal (MCT) at the southern end of the CNC will require the construction of an access road from the proposed facility to US Interstate 26 (I-26). Six alternates have been designed for the proposed access roads. Most of the areas beyond the CNC have not been inventoried to date for historic properties. Figures 1 and 2 show the project location on the USGS map and the county highway map.

The present investigations involved an intensive architectural survey and archaeological literature review of all six alternates. After the preferred alternate alignment is chosen, an intensive archaeological survey will be conducted. The Area of Potential Effect (APE) for each alternate alignment extends 200 feet to each side of the centerline as currently shown in the Draft Environmental Impact Statement (DEIS), creating a 400-foot-wide APE for each alternate alignment.

The Architectural Historian identified 39 historic architectural resources (4281-4319) in the architectural survey universe. We recommend three historic architectural resources (4286, 4306, and 4309) eligible for the NRHP. The remaining 36 historic architectural resources are recommended not eligible for the NRHP. None of the eligible resources will be impacted by the construction.

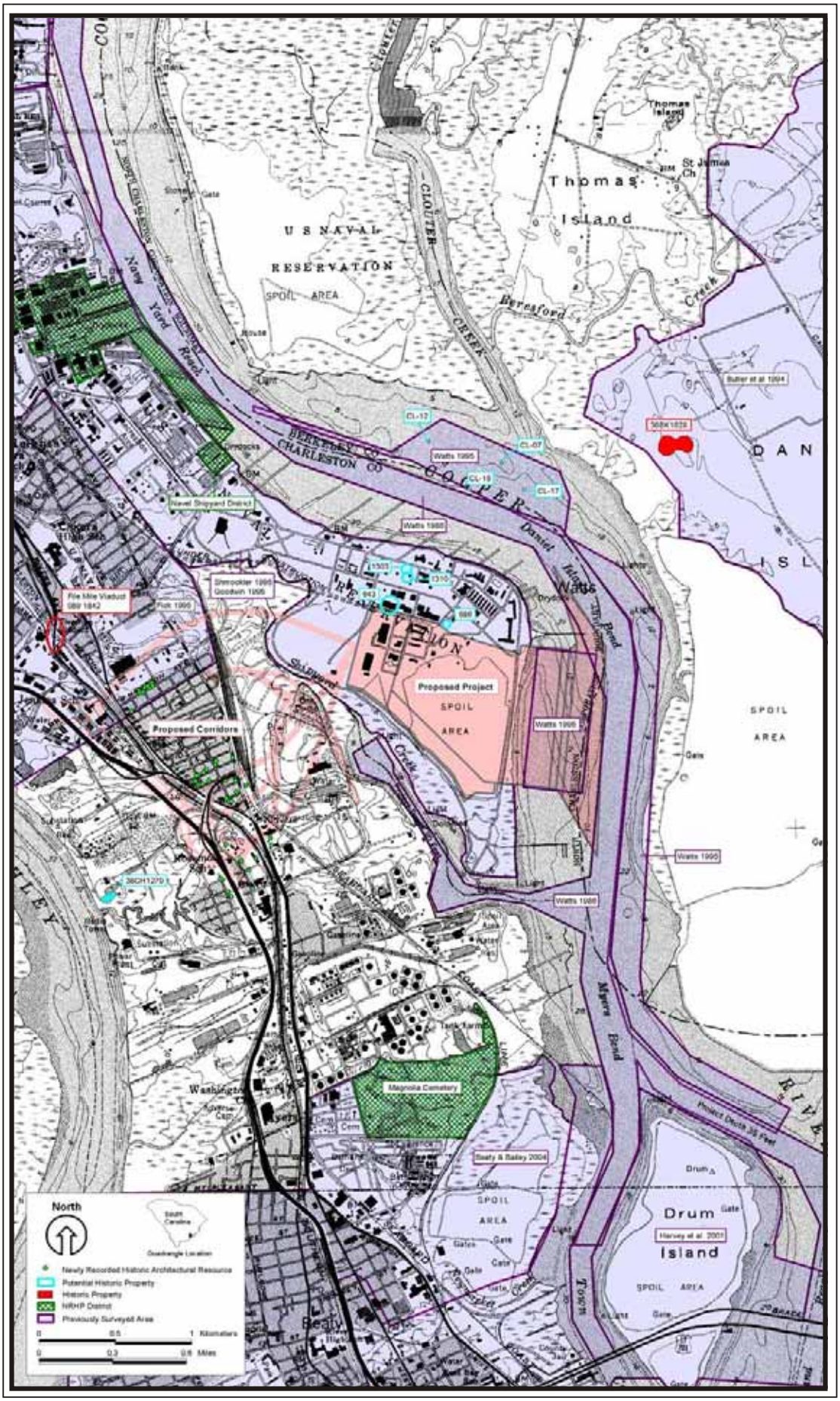

Figure 1. Location of the proposed Access Road Alternate Alignments, SPA CNC Marine Container Terminal Project, Charleston County, South Carolina, and all identified cultural resources (USGS *Charleston, SC* quadrangle).

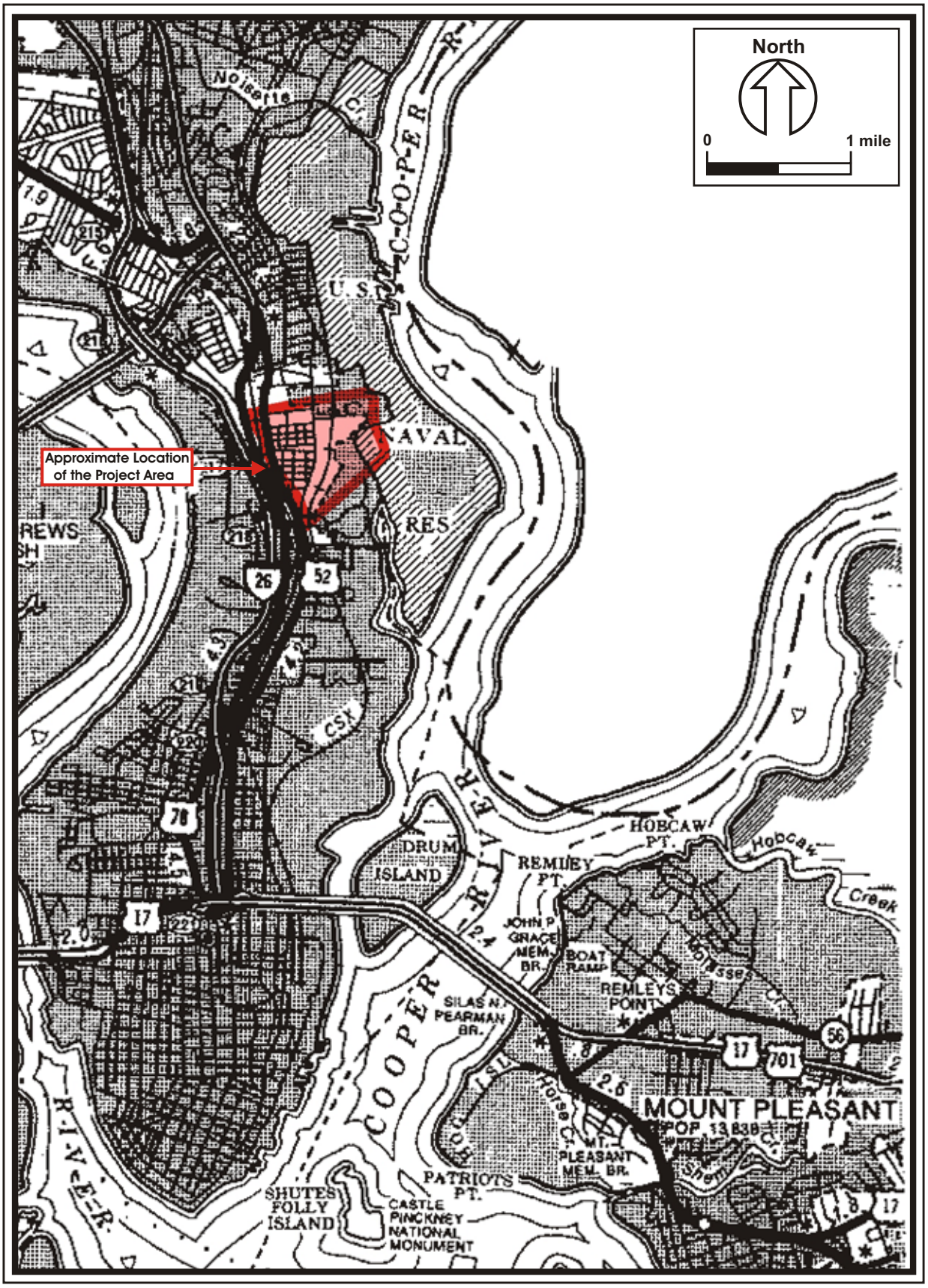

Figure 2. Location of the proposed Access Road Alternate Alignments, SPA CNC Marine Container Terminal Project on a portion of the General Highway Map, Charleston County, South Carolina (1978).

The Senior Archaeologist also reviewed archaeological literature for all six alternates to determine the potential for archaeological sites to exist along each alternate alignment, the potential effects of the construction, and the use of each alternate alignment on historic properties. Given that the alternate routes of the proposed access road all cross recently made lands or areas that are heavily developed, we recommend that there is little or no potential for intact archaeological deposits to exist within any of the alternate routes. None of these corridors warrants further archaeological investigation.

Chapter II of this report discusses the natural and cultural settings of the region and the project corridor. Results of the intensive architectural survey, archaeological literature review, and management recommendations are presented in Chapter III. The architectural survey forms are attached as Appendix A.

Methods of Investigation

The intensive cultural resources survey of the proposed SPA Access Road Alternate Alignments Project involved background research, architectural survey, and archaeological field investigations. Methods employed to complete these tasks are described below. A discussion of approaches to assessing NRHP eligibility of encountered resources concludes Chapter I.

Background Research

We conducted background research at the South Carolina Institute of Archaeology and Anthropology (SCIAA), the South Carolina Department of Archives and History (SCDAH), the University of South Carolina's South Caroliniana Library, and the South Carolina Historical Society in Columbia. In addition, we reviewed documents at local repositories in Charleston County. We performed background research to locate any NRHP properties within or near the APE or any previously recorded cultural resources within or near the APE. We performed background research to locate any previously recorded archaeological resources or NRHP properties within or near the survey universe.

Architectural Survey

The Architectural Historian conducted an intensive architectural survey of all buildings and structures within a 200-foot area to each side of the centerline of the proposed road in the project corridor. This 400-foot-wide area is the architectural survey universe. This survey was designed to record and evaluate all historic architectural resources (buildings, structures, objects, designed landscapes, and/or sites with above-ground components) in the project. Field survey methods complied with the *Survey Manual: South Carolina Statewide Survey of Historic Places* (Vivian 2002) and the *National Register Bulletin 24, Guidelines for Local Surveys: A Basis for Preservation Planning* (Parker 1985). In accordance with the scope of work and standard SCDAH statewide survey practice, the Architectural Historian drove every street and road in the architectural APE, and conducted a pedestrian inspection of all potential historic architectural resources.

All historic architectural resources in the architectural APE that retained sufficient integrity to be included in the South Carolina Statewide Survey (SCSS) were recorded on SCSS site forms in digital format using *Microsoft Access 2000* database application. At least one black-and-white photograph was taken of each resource. The location of each historic architectural resource was recorded on USGS topographic maps. The completed forms, including the various maps and photographs, were prepared for the SCDAH for review.

The principal criterion used by the SCSS to define historic architectural resources is a 50-year minimum age. In addition, certain other classes of architectural resources may be documented intensively and included in the SCSS (Vivian 2002:5):

- Architectural resources representative of a particular style, form of craftsmanship, method of construction, or building type.
- Properties associated with significant events or broad patterns in history.
- Properties that convey evidence of the community's historical patterns of development.
- Historic cemeteries and burial grounds.
- Historic landscapes such as parks, gardens, agricultural fields.
- Properties associated with the lives or activities of a person significant in local, state, or national history.
- Sites where ruins, foundations, or remnants of historically significant structure are present.

The integrity of a historic architectural resource is a primary consideration for inclusion in the SCSS, as well as on the NRHP. In order to have integrity, Vivian (2002:4-5) maintains that:

> the resource must have retained, essentially intact, the physical identity from its historic period. It will either have few alterations or will have been maintained with the use of construction materials and methods that are consistent with the original. A rural district with integrity has a landscape that shows the historic land use patterns.

While in the field, the Architectural Historian evaluated the integrity of each identified historic architectural resource. Resources exhibiting poor integrity were not recorded. For the purpose of this project, four levels of architectural integrity were employed. These include:

Excellent - All original construction materials and design remain intact and unchanged.

Good - The majority of original construction materials remain intact and unchanged except for roofing and other renewable elements.

Fair - A substantial number of original architectural elements have been altered, such as the installation of aluminum, asbestos, or vinyl siding, the substitution of historic doors and windows with non-historic replacements, and the construction of non-historic additions.

Poor - Has been radically altered from its original design by non-historic renovations and/or additions.

References consulted for architectural style and architectural type descriptions include Blumenson (1977), Longstreth (1987), McAlester and McAlester (1998), Poppeliers et al. (1983), and Whiffen (1981).

NRHP Assessment of Cultural Resources

We assessed the significance of all cultural resources encountered in the project following the criteria of eligibility for the NRHP (36 CFR Part 60.4). In order for a resource to be eligible for the NRHP, it must meet one of the following criteria:

A. The resource is associated with events that have made a significant contribution to the broad pattern of history.

B. The resource is associated with the lives of persons significant in the past.

C. The resource embodies distinctive characteristics of a type, period, or method of construction, or represents the work of a master, possesses high artistic values, or represents a significant and distinguishable entity whose components may lack individual distinction.

D. The resource has yielded, or is likely to yield, information important to history or prehistory.

A resource may be eligible under one or more of these criteria. Criteria A, B, and C are most frequently applied to historic buildings, structures, objects, non-archaeological sites (e.g., natural features and designed landscapes), or districts. The eligibility of archaeological sites is most frequently considered with respect to Criterion D. Also, a general guide of 50 years of age is employed to define "historic" in the NRHP evaluation process. That is, all resources greater than 50 years of age may be considered. However, more recent resources may be considered if they display "exceptional" significance (Sherfy and Luce n.d.).

Following *National Register Bulletin*: *How to Apply the National Register Criteria for Evaluation* (Savage and Pope 1998:3), evaluation of any resource requires a twofold process. First, the resource must be associated with an important historic context. If this association is demonstrated, the integrity of the resource must be evaluated to ensure that it conveys the significance of its context. The application of these steps is discussed in more detail below.

Determining the association of a resource with a historic context involves five steps (Savage and Pope 1998:7). First, the resource must be associated with a particular facet of local, regional (state), or national history; examples include Mississippian Utilization of the Pee Dee River Valley, Colonial Settlement of the South Carolina Backcountry, or Antebellum Agricultural Development in the Upper Coastal Plain of South Carolina. These facets will represent the context within which any particular resource developed.

Second, one must determine the significance of the identified historical facet/context with respect to the resource under evaluation. As an example, if the survey universe contained no resources dating from the early nineteenth century, then the Antebellum Agricultural context noted

above would not be significant for the development of the project area or any of its internal resources. Similarly, a lack of Native American archaeological sites within the survey universe would preclude the use of contexts associated with the Pre-Contact use of the region.

The third step is to demonstrate the ability of a particular resource to illustrate the context. A resource should be a component of the locales and features created or used during the historical period in question. Early nineteenth century plantation houses, the ruins of African-American slave settlements from the 1820s, and/or field systems associated with particular antebellum plantations in the region would illustrate various aspects of the agricultural development of the region prior to the Civil War. Conversely, contemporary churches or road networks may have been used during this time period but do not reflect the agricultural practices suggested by the other kinds of resources.

The fourth step involves determining the specific association of a resource with aspects of the significant historic context. Savage and Pope (1998:11-24) define how one should consider a resource under each of the four criteria of significance. Under Criterion A, a resource must have existed at the time that a particular event or pattern of events occurred, and activities associated with the event(s) must have occurred at the site. In addition, this association must be of a significant nature, not just a casual occurrence (Savage and Pope 1998:12). Under Criterion B, the resource must be associated with historically important individuals. Again, this association must relate to the period or events that convey historical significance to the individual, not just that this person was present at this locale (Savage and Pope 1998:15-16). Under Criterion C, a resource must possess physical features or traits that reflect a style, type, period, or method of construction; display high artistic value; or represent the work of a master (an individual whose work can be distinguished from others and possesses recognizable greatness) (Savage and Pope 1998:20). Under Criterion D, a resource must possess sources of information that can address specific important research questions (Savage and Pope 1998:22). These questions must generate information that is important in reconstructing or interpreting the past (Butler 1987; Townsend et al. 1993). For archaeological sites, recoverable data must be able to address specific research questions.

After a resource is specifically associated with a significant historic context, one must determine which physical features of the resource reflect its significance. One should consider the types of resources that are associated with the context, how these resources represent the theme, and which aspects of integrity apply to the resource in question (Savage and Pope 1998:8). As in the Antebellum Agriculture example given above, a variety of resources may reflect this context (farmhouses, ruins of slave settlements, field systems, etc.). One must demonstrate how these

resources reflect the context. The plantation houses represent the residences of the principal landowners who were responsible for implementing the agricultural practices that drove the economy of South Carolina during the antebellum period. The slave settlements housed the workers who conducted the vast majority of the daily activities necessary to plant, harvest, process, and market crops.

Once the above steps are completed and the association with a historically significant context is demonstrated, one must consider the aspects of integrity applicable to a resource. Integrity is defined in seven aspects of a resource; one or more may be applicable depending on the nature of the resource under evaluation. These aspects are *location, design, setting, materials, workmanship, feeling,* and *association* (Savage and Pope 1998:44). If a resource does not possess integrity with respect to these aspects, it cannot adequately reflect or represent its associated historically significant context. Therefore, it cannot be eligible for the NRHP. To be considered eligible under Criteria A and B, a resource must retain its essential physical characteristics that were present during the event(s) with which it is associated. Under Criterion C, a resource must retain enough of its physical characteristics to reflect the style, type, etc., or work of the artisan that it represents. Under Criterion D, a resource must be able to generate data that can address specific research questions that are important in reconstructing or interpreting the past.

Chapter II. Natural and Cultural Setting

Natural Setting

The project corridor extends across the Charleston Peninsula approximately from the Naval Base to I-26 (see Figure 1). A brief description of the conditions within the proposed project follows, as well as summaries of the present and past regional settings.

Present Environment

Regional Overview. Topography in the region generally consists of low ridges between meandering channels of the many streams that drain the Lower Coastal Plain. The ridges consist of sandy and loamy soils; more clayey soils and sediments occur in the drainages, marshes, and swamps that border the streams. The coast above and below the Wando River estuary consists of small to large barrier islands that form part of the Sea Island Complex in South Carolina (Kovacik and Winberry 1987:24). These low islands contain sandy uplands derived from eolian and marine sediments generally dating from terminal Pleistocene or early Holocene fluctuations in sea level. Networks of salt marshes, tidal flats, and small creeks have developed between the Sea Islands and the more interior landforms (Kovacik and Winberry 1987).

A series of terraces formed by late Tertiary and Quaternary period marine sediments characterizes the Coastal Plain. The project corridor lies on the most recent terraces (the Pamlico and the Talbot) that formed near the end of the Pleistocene Epoch (Miller 1971:70).

Although much of the area has been developed, extensive stands of maritime forest remain. Widmer (1976) presents a model of late prehistoric and early historic period vegetation patterns for the East Cooper area. Widmer's model follows major vegetation types presented by Braun (1950), and includes six major classes:

Pine Savannah
Longleaf Pine Forest
Southern Mixed Hardwood Forest
Southern Hardwood Swamp
Freshwater Marsh
Tidal Marsh

Before intensive historic settlement and agricultural modification, the project area probably contained a similar series of vegetation communities. General sources such as Quarterman and Keever (1962) and Shelford (1963) summarize information on floral and faunal communities for the area. Most of the extant woodlands today are mixed pine/hardwood forests. A mixed forest supports an active faunal community including deer and small mammals (e.g., various squirrels and mice, opossum, raccoon, rabbit, fox, skunk), birds (e.g., various songbirds, ducks and wading birds, quail, turkey, doves, hawks, owls), and reptiles/amphibians (e.g., frogs, toads, lizards, snakes, turtles, alligator). Fresh and saltwater fish are abundant in the streams and marshes of the region, and shellfish are present in large numbers in most of the tidally affected waters throughout the region.

Past Environments

Profound changes in climate and dependent biophysical aspects of regional environments have been documented over the last 20,000 years (the time of potential human occupation of the Southeast). Major changes include a general warming trend, melting of the large ice sheets of the Wisconsin glaciation in northern North America, and the associated rise in sea level. This sea level rise was dramatic along the South Carolina coast (Brooks et al. 1989), with an increase of as much as 100 meters (328 feet) during the last 20,000 years. At 10,000 years ago (the first documented presence of human groups in the region) the ocean was located 80-160 kilometers (49.6-99.4 miles) east of its present position. Unremarkable Coastal Plain flatwoods probably characterized the project area. Sea level steadily rose from that time until about 5,000 years ago, when the sea reached essentially modern levels. During the last 5,000 years there was a 400-500 year cycle of sea level fluctuations of about two meters (6.5 feet) (Brooks et al. 1989; Colquhoun et al. 1981). Figure 3 summarizes recent fluctuations in the region.

As sea level rose to modern levels, it altered the gradients of major rivers and flooded near-coast river valleys, creating estuaries like the Cooper-Ashley-Wando River mouths. These estuaries became great centers for saltwater and freshwater resources, and thus population centers for human groups. Such dramatic changes affected any human groups living in the region.

The general warming trend that led to the melting of glacial ice and the rise in sea level also greatly affected vegetation communities in the Southeast. During the late Wisconsin glacial period, until about 12,000 years ago, boreal forest dominated by pine and spruce covered most of the Southeast. This forest changed from coniferous trees to deciduous trees by 10,000 years ago.

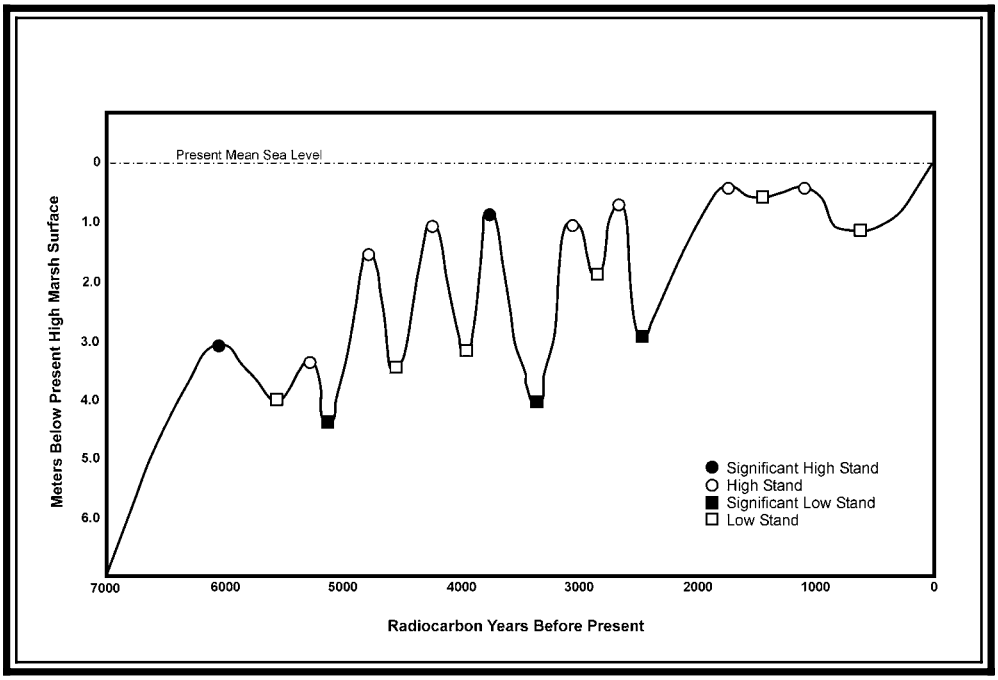

Figure 3. South Carolina sea level curve (after Brooks et al. 1989).

Northern hardwoods, such as beech, hemlock, and alder, dominated the new deciduous forest, with oak and hickory beginning to increase in number.

With continuation of the general warming and drying trend, oak and hickory came to dominate, along with southern species of pine; pollen data suggest that oak and hickory reached a peak at 7,000 to 5,000 years ago (Watts 1970, 1980; Whitehead 1965, 1973). Since then, the general climatic trend in the Southeast has been toward cooler and moister conditions, and the present Southern Mixed Hardwood Forest as defined by Quarterman and Keever (1962) has become established. Faunal communities also changed dramatically during this time. Several large mammal species (e.g., mammoth, mastodon, horse, camel, giant sloth) became extinct at the end of the glacial period, approximately 12,000 to 10,000 years ago. Pre-Contact human groups that had focused on hunting these large mammals readapted their strategy to exploitation of smaller mammals, primarily deer in the Southeast.

Cultural Setting

Prehistoric Overview

The prehistory of coastal South Carolina has received much attention from archaeologists. The present interpretations of that prehistory are presented briefly in this section. Readers are directed to Anderson (1977) and Anderson and Logan (1981) for detailed overviews of previous research in the region. Goodyear and Hanson (1989) provide a recent overview of particular cultural periods. The following discussion is divided into periods that represent distinct cultural adaptations in the region.

Paleoindian Period (10000-8000 BC). Human presence in the South Carolina Coastal Plain apparently began about 12,000 years ago with the movement into the region of hunter-gatherers. Goodyear et al. (1989) have reviewed the evidence for the Paleoindian occupation of South Carolina. Based on the distribution of distinctive fluted spear points diagnostic to the period, they see the major sources of highly workable lithic raw materials as the principal determinant of Paleoindian site location, with a concentration of sites at the Fall Line possibly indicating a subsistence strategy of seasonal relocation between the Piedmont and the Coastal Plain. Based on data from many sites excavated over most of North America, Paleoindian groups were generally nomadic, with subsistence focusing on the hunting of large mammals, specifically the now-extinct mammoth, horse, camel, and giant bison. Groups were probably small, kin-based bands of 50 or fewer persons. As the environment changed at the end of the Wisconsin glaciation, Paleoindian groups had to adapt to new forest conditions in the Southeast and throughout North America.

Early Archaic Period (8000-6000 BC). The Early Archaic corresponds to the adaptation of native groups to Holocene conditions. The environment in coastal South Carolina during this period was still colder and moister than at present, and an oak-hickory forest was establishing itself on the Coastal Plain (Watts 1970, 1980; Whitehead 1965, 1973). The megafauna of the Pleistocene became extinct early in this period, and more typically modern woodland flora and fauna were established. Early Archaic adaptation in the South Carolina Lower Coastal Plain is not clear, as Anderson and Logan (1981:13) report:

> At the present, very little is known about Early Archaic site distribution, although there is some suggestion that sites tend to occur along river terraces, with a decrease in occurrence away from this zone.

Early Archaic finds in the Lower Coastal Plain typically are corner- or side-notched projectile points, which have been determined to be Early Archaic through excavation of sites in other areas of the Southeast (Claggett and Cable 1982; Coe 1964). Early Archaic sites generally are small, indicating a high degree of mobility.

Middle and Preceramic Late Archaic Period (6000-2500 BC). The trends initiated in the Early Archaic, i.e., increased population and adaptation to local environments, continued through the Middle Archaic and Preceramic Late Archaic. Climatically, the study area was still warming, and an oak-hickory forest dominated the coast until after 3000 BC, when pines became more prevalent (Watts 1970, 1980). Stemmed projectile points and ground stone artifacts characterize this period, and sites increased in size and density through the period.

Ceramic Late Archaic Period (2500-1000 BC). By the end of the Late Archaic period, two developments occurred which changed human lifeways on the South Carolina Coastal Plain. The sea level rose to within 1.0 meter (3.3 feet) of present levels, and the extensive estuaries now present were established (Colquhoun et al. 1981). These estuaries were a reliable source of shellfish, and the Ceramic Late Archaic period saw the first emphasis on shellfish exploitation. It was also during this time that the first pottery appeared on the South Carolina coast. In the project region, this pottery is represented by the fiber tempered Stallings series and the sand tempered or untempered Thom's Creek series. Decorations include punctation, incising, finger pinching, and possibly simple stamping and dentate stamping.

The best known Ceramic Late Archaic period sites are shell rings, which occur frequently along tidal marshes. These are usually round or oval rings of shell and other artifacts, with a relatively sterile area in the center. Many of these rings are currently in tidal marsh waters, and they have been interpreted as actual habitation loci adjacent to or within productive shellfish beds. These sites attest to a high degree of sedentism, at least seasonally.

Early Woodland Period (1000 BC-AD 200). In the Early Woodland period, the region was apparently an area of interaction between widespread ceramic decorative and manufacturing traditions. The paddle stamping tradition dominated the decorative tradition to the south, and fabric impressing and cord marking dominated to the north and west (Blanton et al. 1986; Caldwell 1958; Espenshade and Brockington 1989).

The subsistence and settlement pattern of the Early Woodland period suggests population expansion and the movement of groups into areas minimally used in the earlier periods. Early and Middle Woodland sites are the most common on the South Carolina coast and generally consist of shell middens near tidal marshes, along with ceramic and lithic scatters in a variety of other environmental zones. It appears that group organization during this period was based on the semi-permanent occupation of shell midden sites and the short-term use of interior coastal strand sites.

Middle Woodland Period (200 BC-AD 500). The extreme sea level fluctuations which marked the Ceramic Late Archaic and Early Woodland periods ceased during the Middle Woodland period. The Middle Woodland period began as sea level was rising from a significant low stand at 300 BC, and generally remained within 1.0 meter (3.3 feet) of current levels (Brooks et al. 1989). The comments of Brooks et al. (1989:95) are pertinent in describing the changes in settlement:

> It is apparent that a generally rising sea level, and corresponding estuarine expansion, caused an increased dispersion of some resources (e.g., small inter-tidal oyster beds in the expanding tidal creek network ...). This hypothesized change in the structure of the subsistence resource base may partially explain why these sites tend to be correspondingly smaller, more numerous, and more dispersed through time.

Survey and testing data from a number of sites in the region clearly indicate that sites of the Middle Woodland period are the most frequently encountered throughout the region. These sites include small, single-house shell middens, more significant shell middens, and a wide variety of shell-less sites of varying size and density in the interior. Current data from the region suggest seasonal mobility, with certain locations revisited on a regular basis (e.g., 38GE46 [Espenshade and Brockington 1989]). Subsistence remains indicate that oysters and estuarine fish were major faunal contributors, while hickory nuts and acorns have been recovered from ethnobotanical samples (Espenshade and Brockington 1989; Drucker and Jackson 1984; Trinkley 1976, 1980).

The Middle Woodland period witnessed increased regional interaction and saw the incorporation of extralocal ceramic decorative modes into the established Deptford technological tradition. As Caldwell (1958) first suggested, the period apparently saw the expansion and subsequent interaction of groups of different regional traditions (Espenshade 1986, 1990).

Late Woodland Period (AD 500-1000). The nature of Late Woodland adaptation in the region is unclear due to a general lack of excavations of Late Woodland components, but Trinkley (1989:84) offers this summary:

> In many respects the South Carolina Late Woodland may be characterized as a continuation of previous Middle Woodland cultural assemblages. While outside the Carolinas there were major cultural changes, such as the continued development and elaboration of agriculture, the Carolina groups settled into a lifeway not appreciably different from that observed for the past 500 to 700 years.

The Late Woodland coincides with relatively stable sea levels; fluctuations during this period vary 0.39-0.6 meters (1.3-2.0 feet) (Brooks et al. 1989). It would be expected that this general stability in climate and sea level would have resulted in a well-entrenched settlement pattern, but the data are not available to address this expectation. In fact, the recognition/interpretation of Late Woodland adaptations in the region has been somewhat hindered by past typological problems.

Overall, the Late Woodland is noteworthy for its lack of check stamped pottery. Recent excavations at the Buck Hall Site (38CH644) in the Francis Marion National Forest suggest that McClellanville and Santee ceramic types were employed between AD 500 and 900, and represent the dominant ceramic assemblages of this period (Poplin et al. 1993).

Typically, the Late Woodland, as defined by Anderson et al. (1982), has been separated into two phases: McClellanville (AD 500 to 700) and Santee I (AD 700 to 900). A revised chronology is offered by Poplin et al. (1993) which not only includes these phases but also incorporates ceramics previously assigned to the Santee II phase by Anderson et al. (1982). These ceramics include Santee Simple Stamped, McClellanville Cord Marked, McClellanville Fabric Impressed, and Wilmington Cord Marked pottery. Although these ceramics have been encountered in an Early Mississippian context, closer inspection finds that they occur no more frequently than Deptford Cord Marked and Fabric Impressed sherds which have been relegated to the Late Woodland period. The presence of these sherds in such a late context is more likely the result of bioturbation than the continuation of the ceramic technology.

The sea level change at this time caused major shifts in settlement and subsistence patterns. The rising sea level and estuary expansion caused an increase in the dispersion of resources such as oyster beds, and a corresponding increase in the dispersion of sites. Semi-permanent shell midden sites continue to be common in this period, although overall site frequency appears to be lower than

during the Early Woodland. Instead, there appears to be an increase in short-term occupations along the tidal marshes. Espenshade et al. (1994) state that at many of the sites postdating the Early Woodland period, the intact shell deposits appear to represent short-term activity areas rather than permanent or semi-permanent habitations.

Mississippian Period (AD 1000-1200). In much of the Southeast, the Mississippian period was a time of major mound ceremonialism, regional redistribution of goods, chiefdoms, and an emphasis on maize horticulture as a major subsistence activity. It is unclear how early and to what extent similar developments occurred in the region. The ethnohistoric record, discussed in greater detail below, certainly indicates that seasonal villages and maize horticulture were present in the area, and that significant mound centers were present in the interior Coastal Plain to the north and west (Anderson 1989; DePratter 1989; Ferguson 1971, 1975).

Distinct Mississippian ceramic phases have been recognized for the region (Anderson 1989; Anderson et al. 1982). By the end of the Late Woodland period, cord marked and fabric impressed decorations are replaced by complicated stamped decorations. Anderson (1989:115) notes that "characteristically Mississippian complicated stamped ceramics do not appear until at least AD 1100, and probably not until as late as AD 1200, over much of the South Carolina area." Recent excavations at the Buck Hall Site (38CH644) produced radiocarbon dates around AD 1000 for complicated stamped ceramics similar to the Savannah series (Poplin et al. 1993). This represents the earliest date for complicated stamped wares in the region.

Two distinct ceramic phases characterize the Mississippian period: the Early Mississippian Jeremy phase (AD 1000-1400) and the Late Mississippian Pee Dee phase (AD 1400-1550). The Jeremy phase includes Savannah Complicated Stamped, Savannah Check Stamped, and Burnished and Semi-burnished plain pottery. Previous sequences for the region have separated the ceramic types belonging to these two phases into Early, Middle, and Late Mississippian. However, a simpler characterization of the technological advancements made during the Mississippian period is more appropriate. Over the course of the Mississippian period, the decorative techniques which characterize the Early Mississippian period are simply evolving and do not result in a distinctly new ceramic type until the Late Mississippian period.

Early Mississippian sites in the region include shell middens, sites with multiple- and single-house shell middens, and oyster processing sites (e.g., 38CH644 [Poplin et al. 1993]). Adaptation during this phase apparently saw a continuation of the generalized Woodland hunting-gathering-

fishing economy, with perhaps a growing importance on horticulture and storable food stuffs. Anderson (1989) suggests that environmental unpredictability premised the organization of hierarchical chiefdoms in the Southeast beginning in the Early Mississippian phase; the redistribution of stored goods (i.e., tribute) probably played an important role in the Mississippian social system. Maize was recovered from an Early Mississippian feature at 38BK226, near St. Stephen (Anderson et al. 1982:346).

During the Late Mississippian Pee Dee phase (AD 1400-1550), the regional chiefdoms apparently realigned, shifting away from the Savannah River centers to those located in the Oconee River basin and the Wateree-Congaree basin. As in the Early Mississippian Jeremy phase, the Berkeley/Charleston County area apparently lacked any mound centers. Regardless, it appears that the region was well removed from the core of Cofitachequi, the chiefdom to the interior (Anderson 1989; DePratter 1989). DePratter (1989:150) specifies:

> The absence of 16th century mound sites in the upper Santee River valley would seem to indicate that there were no large population centers there. Any attempt to extend the limits of Cofitachequi even farther south and southeast to the coast is pure speculation that goes counter to the sparse evidence available.

Pee Dee Complicated Stamped and Mississippian Plain ceramics mark the Pee Dee phase. Simple stamped, cord marked, and check stamped pottery apparently were not produced in this period.

Protohistoric Overview

The first Spanish explorations into the region began in the 1520s. Native American groups encountered by the European explorers and settlers probably lived in a manner quite similar to the Mississippian groups identified in archaeological sites throughout the Southeast. Indeed, the highly structured Indian society of Cofitachequi, formerly located in central South Carolina and visited by De Soto in 1540, is an excellent example of the Mississippian social organizations present throughout southeastern North America during the late Pre-Contact period (Anderson 1985). However, the initial European forays into the Southeast contributed to the disintegration and collapse of the aboriginal Mississippian social structures; disease, warfare, and European slave raids all contributed to the rapid decline of the regional Native populations during the sixteenth century (Dobyns 1983; Ramenofsky 1982; Smith 1984). By the late seventeenth century, native groups in

coastal South Carolina apparently lived in small, politically and socially autonomous, semi-sedentary groups (Waddell 1980). By the middle eighteenth century, very few natives remained in the region; all were displaced or annihilated by the ever-expanding English colonial settlement of the Carolinas (Bull 1770, cited in Anderson and Logan 1981:24-25).

The ethnohistoric record from coastal South Carolina suggests that the Protohistoric groups of the region followed a seasonal pattern that included summer aggregation in villages for planting and harvesting crops, and dispersal into one- to three-family settlements for the remainder of the year (Rogel 1570 [in Waddell 1980:147-151]). This coastal Protohistoric adaptation apparently is similar to the Guale pattern of the Georgia coast, as reconstructed by Crook (1986:18). Specific accounts of the Protohistoric groups of the region, the Sewee and the Santee, are summarized by Waddell (1980). It appears that both groups included horticultural production within their seasonal round, but did not have permanent, year-round villages. Trinkley (1981) suggests that a late variety of Pee Dee ceramics was produced by Sewee groups in the region; his late variety may correspond to the Ashley ware initially described by South (1973), and later by Anderson et al. (1982).

Waddell (1980) identified 19 distinct groups between the mouth of the Santee River and the mouth of the Savannah River in the middle of the sixteenth century. Anderson and Logan (1981:29) suggest that many of these groups probably were controlled by Cofitachequi, the dominant Mississippian center/polity in South Carolina, prior to its collapse. By the seventeenth century, all were independently organized. These groups included the Coosaw, Kiawah, Etiwan, and Seewee "tribes" near the Charleston peninsula. The Coosaw inhabited the area to the north and west along the Ashley River. The Kiawah apparently resided at Albemarle Point and along the lower reaches of the Ashley River in 1670, but gave their settlement to the English colonists and moved to Kiawah Island; in the early eighteenth century they moved south of Combahee River (Swanton 1952:96). The Etiwans were mainly settled on or near Daniel Island to the northeast of Charleston, but their range extended to the head of the Cooper River. The territory of the Seewee met the territory of the Etiwan high up the Cooper, and extended to the north as far as the Santee River (Orvin 1973:14). Moll's map of Carolina, prepared in 1715, shows the Sampa Indians between the Cooper and Wando Rivers, and the Wando Indians and Sewel [sic] Indian Fort east of the Wando River.

Early European Explorations. Spanish exploration on the South Carolina coast began as early as 1514, and a landing party went ashore in the Port Royal vicinity (now Beaufort County) in 1520 at a spot they named Santa Elena (Hoffman 1983:64; Rowland 1985:1). From that time on, the Port Royal area was of great interest to both the Spanish and the French. This was not a permanent settlement, however. San Miguel de Gualdape led the first Spanish attempt at a permanent settlement on the South Carolina coast in 1526. This settlement appears to have been in the Winyah Bay area, near Georgetown (Quattlebaum 1956). The French, under Jean Ribault, also attempted to establish a settlement on the South Carolina coast in 1562. This settlement, on Parris Island, was called Charlesfort, and also was unsuccessful.

French presence on the South Carolina coast drew the Spanish back to protect their original interest. Spanish forces attacked Charlesfort and established their own settlement of Santa Elena in 1566. Recent archaeological evidence indicates that the Spanish built their new settlement of Santa Elena on top of the destroyed French settlement (DePratter et al. 1997). Local Indians, the Cusabo, were less than friendly, but despite numerous attacks and several burnings, the Spanish settlers did not abandon Santa Elena until 1587 (Lyon 1984; Rowland 1978:25-57). The Spanish maintained their interest in Santa Elena as part of a series of missions on the Sea Islands from St. Augustine, Florida, through Georgia, and into South Carolina; Spanish friars were at "St. Ellens" when William Hilton visited the area in 1663 (Covington 1978:8-9; Hilton 1664). During its twenty-year existence, Santa Elena served as the base for the first serious explorations into the interior of the state.

English Colonial Occupation. The English were the first Europeans to establish permanent colonies. In 1663, King Charles II made a proprietary grant to a group of powerful English courtiers who had supported his return to the throne in 1660, and who sought to profit from the sale of the new lands. These Lords Proprietors, including Sir John Colleton, Sir William Berkeley, and Sir Anthony Ashley Cooper, provided the basic rules of governance for the new colony. They also sought to encourage settlers, many of whom came from the overcrowded island of Barbados in the early years. These Englishmen from Barbados first settled at Albemarle Point on the west bank of the Ashley River in 1670. By 1680, they moved their town down the river to Oyster Point, the present location of Charleston, and called it Charles Towne. These initial settlers, and more who followed them, quickly spread along the central South Carolina coast. By the second decade of the eighteenth century, they had established settlements from the Port Royal Harbor in Beaufort County northward to the Santee River in Georgetown County.

Settlers in the Carolina Lowcountry were caught up in and were integral parts of wide-ranging disputes and rivalries among the English, Spanish, Indians, and African slaves. These disputes and rivalries encompassed nearly all of the Lowcountry, an area that spanned hundreds of miles from Georgetown, South Carolina, to northern Florida. The Spanish had routed the French in East Florida in 1565, and established a settlement at what is now St. Augustine. This Spanish presence was a continual threat to the English settlers, particularly after the 1670s, when Spain learned of the Charles Towne settlement.

The English colony's early settlements grew slowly, and despite its geographic spread, the South Carolina Lowcountry contained only around 5,000 European and African-American inhabitants in 1700. The earliest South Carolina economy centered around the naval stores industry, beef and pork production, and the deer trade with the Native American populations. However, by the end of the seventeenth century the colonists began to experiment with rice cultivation. The regular flood conditions of the immediate tidal area proved valuable, and production for export increased rapidly. By 1715, Charles Towne exported more than 8,000 barrels of rice annually; this number increased to 40,000 by the 1730s. In the 1740s, residents in the Lowcountry began to experiment with growing and processing indigo, a blue dye that was very popular in Europe and which became one of South Carolina's principal exports during the eighteenth century. Both indigo and rice were labor-intensive, and laid the basis for South Carolina's dependence on African slave labor, much as tobacco had done in the Virginia colony (Coclanis 1989; Wood 1974).

One of the important commercial ventures in the early settlements of the Lowcountry was the raising of cattle. The climate in South Carolina allowed year-round grazing, and the many necks of land surrounded by rivers and creeks along the coast provided naturally bounded cowpens that allowed the cattle to range freely. Cattle ranching was a low-capital industry, with a natural market in the West Indies sugar plantations. Cattle ranching in South Carolina began in the late seventeenth century in the Charleston area, and by the early eighteenth century had extended into what is now Colleton County, between the Edisto and Combahee rivers (Rowland et al. 1996:85-88).

While cattle ranching was an ideal frontier industry, it required great amounts of open land. Large purchases of land throughout the Lowcountry created problems between the white settlers and the Yamasee Indians, whose lands were steadily and rapidly encroached upon. Angered by mistreatment from traders and encroachments on their land, the Indians attacked in the Yamasee War in 1715 but did not succeed in dislodging the English (Covington 1978:12). While the Yamasee

staged a number of successful raids through the 1720s, by 1728 the English had routed them and made the area more accessible for renewed English settlement.

With the rapidly increasing wealth in the South Carolina Lowcountry, and with the Yamasee War largely behind them, the population began to swell. By 1730 the colony had 30,000 residents, at least half of whom were black slaves. It has been estimated that South Carolina residents had imported more than 32,000 slaves by 1723 (Wood 1974:151). The growing population increased pressure for territorial expansion, which was compounded by the growing black majority in the Lowcountry. Fears of a slave rebellion, along with fears of attack from the Native Americans such as the Yamasee in 1715, led Charles Towne residents to encourage settlement in the backcountry.

The capacity of the Lords Proprietors to govern the colony effectively declined in the early years of the eighteenth century. Governance under the Lords Proprietors became increasingly arbitrary, while wars with the natives arose and the colonial currency went into steep depreciation. According to one recent historian of colonial South Carolina, "proprietary attitudes and behavior... convinced many of the dissenters—who at one time had composed the most loyal faction—that the crown was a more reliable source of protection against arbitrary rule" (Weir 1983:94). South Carolina's legislature sent a petition to Parliament in 1719, requesting that royal rule supplant that of the Lords Proprietors. After several years in limbo, South Carolinians received a degree of certainty in 1729 when the crown purchased the proprietors' interests, and in 1730 when the new royal governor, Robert Johnson, arrived in the colony.

Johnson arrived with a plan to create townships throughout the colony, as a way to ensure the orderly settlement of the backcountry. His scheme originally included nine townships, primarily along the major rivers in the colony. Johnson permitted the settlement of these areas on the headright system, which apportioned 50 acres of land to every individual who settled there. Many of these settlers established plantations that were directed toward the production of cash crops. Main plantation residences and facilities were established on the low bluffs of the rivers and readily accessible river landings. However, settlement proceeded slowly until the 1750s, when the South Carolina backcountry population was approximately 20,000, about one-third of the total Lowcountry population (Wallace 1961).

Many of the early settlements and plantations in the area focused on the Cooper and Wando rivers. These waterways provided the best opportunity for profitable agricultural production (i.e., rice cultivation) as well as the best avenues of transportation to Charleston or other settlements in

the region (South and Hartley 1985). Evidence of the many plantations along these rivers remains today primarily as archaeological sites, although some, like Rice Hope Plantation near Moncks Corner, are still occupied.

The early history of the City of Charleston and its physical development may be found in a number of published works, from the succinct delineations of various neighborhoods provided in Hudgins et al. (1994) and Stoney (1990), to the historical narratives written by Rogers (1980) and Fraser (1989), and the extensive studies of the East Side by Rosengarten (1987) and Grimes and Zierden (1988). The following overview of Charleston's early history synthesizes these earlier works.

By 1704, Charleston had become a walled port, bounded on the west by Meeting Street, on the south by Water Street, on the north by Cumberland Street, and on the east by the waters, creeks, and marshes of the Cooper River. The walls were partially destroyed by hurricanes in 1713 and 1714, and were dismantled (in 1717 or 1718) after the successful conclusion of the Yemasee Indian War (Coclanis 1989:5, 179-180; Rogers 1980:56). In 1739, the town line was moved northward to the vicinity of present-day Beaufain and Hasell Streets. By the next year, the city's population had increased 500 percent since 1700, and its areal size had almost doubled. The number of wharves along the Cooper River, or "bridges" as they were called locally, had increased from two in 1704 to eight in 1740.

The city's first suburb was developed in 1747. Ansonborough was named for British Navy commander George Anson, who served on the Carolina Station from 1724-1735. Anson acquired the land in 1726. By the mid-1760s, this area was well-established as a middle-class neighborhood from Hasell Street northward to George Street. In 1769, the suburb's northern boundary—and ultimately that of the city until the mid-nineteenth century—was established by the creation of Boundary Street. This new avenue was 70 feet wide, just two feet narrower than Broad Street, the city's widest boulevard. Boundary Street (presently Calhoun Street) ran from the "Broad Path," or present-day King Street, east to Scarborough (now Anson) Street.

In the 1760s, two smaller subdivisions were opened adjacent to Ansonborough, toward the river and to the north and east but still south of Boundary Street. These were the lands of Henry Laurens (on the south) and Christopher Gadsden (on the north). Boundary Creek flowed eastward into the Cooper River from the foot of Boundary Street and north of Gadsden's property; marsh cut into the peninsula as far as the eastern end of the hornwork and present-day Meeting Street. Beyond

Boundary Creek lay the area known as the Charleston "Neck," a term which had come to identify the peninsula north of the burgeoning city. [NOTE: The term now refers to the area much further north between Heriot Street and the North Charleston city line. In this discussion, the term *Neck* will be used in its historic context to define the area north of Calhoun Street].

A wide band of property stretching from river to river, and between present-day Calhoun and Line streets, had been granted to Richard Cole in the earliest years of the settlement. In 1677, this tract was regranted to Richard Batten. It was subsequently subdivided, with a large portion east of the "Broad Path" becoming the property of the Wragg family. Another section, just across Boundary Creek from Ansonborough and Gadsden's Middlesex development, was the property of the Mazycks. The Village of Hampstead, a block of land belonging to Henry Laurens, was located along Town Creek just beyond present-day Mary Street. In the late 1760s, Laurens attempted to develop the area along the lines of an English village, but the project failed to grow. Thus, the countryside that characterized the Neck immediately above present Calhoun Street and lands further north was open, thinly populated, pasture land for most of the eighteenth century.

Although the early colonists considered the soils on either side of the Ashley River unfavorable for agriculture, the direct access to Charleston provided by the river made the area desirable for settlement by some of the wealthiest people in the region. The settlements typically were located on bluffs within a few hundred yards of the river. A 1775 map of the region shows the grand plantation settlements that existence along the banks of the Ashley and Cooper rivers from the early 1700s to the end of the Civil War. The advent of tidal rice agriculture in the mid-1700s made the land favorable for cash-crop agriculture.

The Revolutionary War. The American colonies declared their independence from Britain in 1776, following several years of increasing tension due to unfair taxation and trade restrictions imposed on them by the British Parliament. South Carolinians were divided during the war, although most citizens ultimately supported the American cause. Those individuals who remained loyal to the British government tended to reside in Charleston or in certain enclaves within the interior of the province.

Britain's Royal Navy attacked Fort Sullivan (later renamed Fort Moultrie) near Charleston in 1776. The British failed to take the fort, and the defeat bolstered the morale of American revolutionaries throughout the colonies. The British military then turned their attention northward. They returned in 1778, however, besieging and capturing Savannah late in December. A major

British expeditionary force landed on Seabrook Island in the winter of 1780, and then marched north and east to invade Charleston from its landward approaches (Lumpkin 1981:42-46). Charleston was able to offer few defenses.

With the termination of hostilities associated with the French and Indian War in 1763, the project to build defenses across the Charleston Neck had been discontinued, and the cannons on the existing hornwork dismounted (Merrens 1972:262). In 1765, two years after the war, a Northern visitor described this work on "The Path" as "mounds thrown up and ditches round the back part of the town but all ruinous and nearly useless" (Merrens 1972:220). Likewise, a British informant in 1774 declared these land defenses as one of "3 apologies for fortifications belonging to Charles Town . . . no gates have been hung nor guns mounted upon it and what is built of it is now rather a nuisance than otherwise" (Merrens 1972:283).

At the beginning of the American Revolution, attention turned again to the incomplete line of defenses on the Neck. In 1776, however, the commissioners responsible for fortifying the town halted this work in favor of reinforcing the harbor defenses, especially the palmetto log fort on Sullivan's Island. In the winter of 1778, the city was "entirely enclosed with a breast work, with small fortifications at proper distances," but the breastwork was decaying. Vague references indicate that a new fortification was being erected in the rear of town (Merrens 1972:185). The next year, work continued on the defenses as the British attempted to take Charleston during a small campaign from Savannah. Two French engineers attached to the Continental Army (Col. Jean Baptiste Joseph, chevalier de Laumoy; and Lt. Col. Louis Antoine Jean Baptist, chevalier de Cambray-Digny) were sent south early in 1779 to supervise the construction of the defenses. After the unsuccessful British attempt on the town that year, Lt. Col. de Cambray was congratulated by the state legislature and promoted in recognition of his service (Hemphill et al. 1970:205-206, 357).

However, it was not until the American General in charge of the city, Benjamin Lincoln, learned of the departure of a large British amphibious force from New York in the winter that reinforcement of the Neck defenses began in earnest (Murdoch 1966:144). On 3 February 1780, the South Carolina House of Representatives passed a resolution requesting that the governor order out one third of the militia of Charleston and the surrounding area to "assist in the fatigue duty wherein the North Carolina Militia are now employed on Charles Town Neck" (Hemphill et al. 1970:272, 276).

The British moved slowly and deliberately toward Charleston from their landing on the North Edisto River behind Seabrook Island. Advance units crossed the Ashley River at Drayton Hall on 20 March 1780. Nine days later, the main army crossed over the river to Charleston Neck, several miles above town. Then, on 1 April, Major James Moncrieff, chief engineer for the British Army and a veteran of several British colonial wars including the sieges of St. Augustine and Louisburg, directed the excavation of the enemy's first siege parallel 800 yards from the American works (Lumpkin 1981:42-46). Within a week of taking the city, Major Moncrieff employed more than 300 slaves and was rapidly covering the siege trenches (McCowen 1972; Murdoch 1966:152; Uhlendorf 1968). The rebel South Carolinians were not prepared for an attack in this direction. They were besieged and entirely captured in May after offering a weak defense. Charleston subsequently became a base of operations for British campaigns into the interior of South Carolina, Georgia, and North Carolina. However, the combined American and French victory over Lord Cornwallis at Yorktown in 1782 effectively destroyed British military activity in the South and forced a negotiated peace (Lumpkin 1981). The 13 colonies gained full independence, and the English evacuated Charleston in December 1782.

The Revolutionary War marks the beginning of a long period of decline for the once-grand colonial plantations on Charleston's Upper Peninsula. Rice and cotton agriculture continued to play a role in the economy of the Upper Peninsula during the first half of the nineteenth century, but to a much lower extent than they did in the eighteenth century, especially before the Revolutionary War. Income likely was generated from cutting the timber lands on the interior portions of the property, with provisions and cotton produced on portions of the upland fields near the river. Cattle were raised and pastured freely in the woods.

Antebellum Period. In 1783, the year the Treaty of Paris was signed, ending the war with Britain, the City of Charleston was incorporated and the city limit moved north to Boundary Street. The city's name was also changed from "Charles Town" to Charleston. As the city grew in the closing years of the eighteenth century, so did development on the Neck. In 1785, both Meeting and King streets were extended up the peninsula. Mazyckborough was laid out in 1786, bounded by the Cooper River to the east, Chapel Street to the North, Elizabeth Street to west, and Boundary Street to the south. Between 1801 and 1806, Wraggborough was developed, defined by Mazyckborough and the river on the east, Boundary Street on the south, Meeting Street to the east, and Mary Street on the north. Across Meeting Street, the City and the State exchanged the blocks on which the eighteenth century defenses had been located (at present-day Marion Square), a portion of it becoming the site of a tobacco inspection facility by 1790, and 35 years later, the site of the Citadel.

North of Hutson Street to Mary Street, the block between King and Meeting streets was subdivided between the heirs of John Wragg, one of whom was Christopher Gadsden.

Through the onset of the Civil War in 1861, the developed portions of the Charleston Neck lay south of Line Street, which is now immediately south of the Crosstown Expressway. A lightly developed area lay north of Line Street on the west side of King Street, leading up to the Washington Race Course (what is now Hampton Park). With the exception of this scatter of houses, the Upper Peninsula was still largely plantation acreage.

While the eighteenth century proprietors may have envisioned their property as future sites of comfortable country seats, subsequent surveys and the actual evolution of the area suggests their heirs intended to turn a quick profit. As a result, the area's development has a distinct speculative character. Some wealthy merchants and professional Charlestonians, like Joseph Manigualt, William Aiken, and Joseph T. Weyman, did make the new neighborhoods their homes and built mansions on the wide, spacious lots (Stoney 1990:66, 80). But the Neck increasingly became the home of the less affluent, like the large number of African Americans, whether free (or hoping to pass as free), or slaves "working out," or servants connected to the domestic entourage of the wealthy white households. Likewise, it was an attractive place for immigrants to settle, particularly for the waves of Irish and Germans who arrived after 1840.

There were several reasons for the Neck's popularity with the lower classes. Police surveillance was minimal, an important consideration to African Americans, both slave and free, and others seeking expansion of their personal freedom. Due to the lax law enforcement, grog shops and gambling establishments abounded, and the streets of the Neck were generally known as rough-and-tumble, vile, boisterous crime areas. Prior to 1832, the area was policed by citizen patrols. After the establishment of the Citadel, the Citadel Guard was responsible for maintaining order, which it did with only limited success (Pease and Pease 1986:101, 105, 165-166; Rosengarten 1987:20). Thus it is not surprising that the Neck played an important role in both the Denmark Vesey revolt in 1822 and an aborted black insurrection one hundred and two years earlier (Fraser 1989:45, 200-202).

On the Neck, rents were lower, and real estate was plentiful and readily available. On the Neck, homes could be built of wood (and therefore were cheaper), something not possible within the city limits. The city building codes stipulated that homes were to be built of brick to reduce the threat of large-scale fires that periodically swept the city. The fires in the lower city, like the one which destroyed much of Ansonborough in 1838, prompted large numbers of citizens to move north

of Boundary Street, since the cost of rebuilding was cheaper outside of the city (Pease and Pease 1986:166).

Similarly, strict city ordinances fostered the Neck's early development as a home for the "dangerous, malodorous, or sprawling" occupations and industries, such as tanneries, butcher shops, tallow chandleries, and dairies (Rosengarten 1987:21). As King Street expanded up the Neck, the retail trade followed close behind. The street remained the city's major north/south transportation corridor, having built up a thriving commerce surrounding the needs of the carrying trade in the eighteenth century. By the 1770s, several thousand wagons a year arrived in Charleston from the hinterland. In the 1820s, 40 percent of the port city's retail concerns had a King Street address. Compared with the strictly retail nature of King Street, adjacent Meeting Street was host to only 10 percent of the city's commercial addresses. Historically, the Meeting Street blocks between Mary and Calhoun Streets displayed a mixed composition of residential dwellings, small business enterprises (particularly groceries), industries, and religious institutions. Often the residential and commercial functions were housed in the same building, with the living quarters over a first-floor shop space.

The area's ethnic and racial composition was mixed as well. Initially, Wraggborough and Mazyckborough were settled by wealthy whites seeking to escape the city, while the Hampstead area above Mary Street and the interior blocks away from the major streets, like Meeting, were strongholds of African-American settlement. Blocks closer to the labor intensive waterfront and railroad facilities also tended to have a greater proportion of free African-American residents. This pattern may be seen on the northeast side of the intersection of Mary and Meeting Streets, and on either side of John Street, west of Meeting. The block bounded by Meeting Street on the west, Calhoun (Boundary) to the south, Elizabeth to the east, and Charlotte to the north formed one of the area's larger concentrations of free African Americans, as did eastern Boundary (Calhoun) Street (particularly the south side) down to the waterfront (Rosengarten 1987:76).

When the South Carolina Railroad Company laid its tracks down the center of the narrow strip of high ground between King and Meeting streets in the 1830s, Meeting Street (and the Neck in general) took on a more industrial appearance. This was definitely the case by the 1850s after the line's completion of its multiple depot and warehouse complex on the west side of Meeting Street. Nor was this the only industry in the area. By the second quarter of the nineteenth century, a rice mill operated on Meeting Street near Ann Street, and a grist mill and hay market were located at the east end of Boundary (Calhoun) Street (Rosengarten 1987:22). Down on the docks at the end of

Boundary Street, on what was formerly Gadsden's enormous quay, another rice mill was in operation, as was a small foundry that produced steam engines for the lumber industry. By mid-century, this cluster of wharves was home to the East Point Rice Mill, a shipyard, and a turpentine factory that was the center of a thriving naval stores trade factory. A cooperage was located nearby at the northwest corner of Inspection and Wharf streets.

Reflecting the area's growing importance, the City of Charleston annexed the Neck in 1849, abolishing the old parish and creating four new upper wards. The blocks east of King Street, north of Boundary (renamed Calhoun the next year), and south of Mary Street composed Ward 5. Annexation had been a sore point for well over a decade. In 1837, the Charleston Neck Association was formed to initiate stricter police surveillance through citizens' vigilante organizations and stepped-up militia activity, all with the ultimate view of creating an independent metropolitan area of Upper Charleston. Other Neck residents pushed for annexation, since they owned property and businesses in the city and participated in the city elections, but enjoyed few of the municipal services.

The state government rejected both plans. At one point, the state legislature approved a city income tax levied on non-residents for all income earned within the city limits, which city officials believed would encourage annexation. Instead, the plan fueled the counterdrive for independent incorporation. However, the effort failed since Neck residents preferred low taxes to increased services (Pease and Pease 1986:106-107, 166). In any event, the Neck experienced a spurt of growth in the 1850s after annexation finally occurred (Rosengarten 1987:25).

Despite the physical growth and population increase that fueled the development of the Charleston Neck and the East Side, the city as a whole was stagnating when compared with the other major ports and cities of the east coast. Charleston fell from being the fourth-largest city in British North America throughout the eighteenth century, to fifth (behind Philadelphia, New York, Baltimore, and Boston) in 1800. And though the city's population roughly doubled between 1800 and 1860, this was not enough to keep Charleston from falling into twenty-second place among U.S. cities in 1860. By the turn of the twentieth century, the city was the sixty-eighth largest in the nation (Coclanis 1989:114-115).

Postbellum Period. The Civil War brought hardships to the Neck residents, as it did to all Charlestonians, but the area emerged from the war with a new importance. The Union bombardment of the city had not devastated the Neck as it had the lower wards. In fact, it was fairly late in the war before shells fell on the area above Calhoun Street. As a result, citizens swarmed into the upper wards seeking shelter and new homes. A number of wayside hospitals and other relief facilities were located there, as were prisoner-of-war camps. The railroad and wharf installations remained operable until Confederate troops abandoned the city in mid-February of 1865. Thus, physical damage to the Neck as a result of the war was slight.

The immediate postwar effect on the East Side was a population boom. The population of the entire city grew as freed slaves flocked to the city. Most of these African Americans gravitated toward the East Side. Ward 5 reported an African-American population of 65 percent in 1870, compared with a total black population of 52 percent in 1860 (Rosengarten 1987:144). This pattern of African-American domination of the East Side wards continues today. Exemplary of these newly freed Charlestonians was blacksmith Peter Simmons, mentor of Philip Simmons, the current dean of Charleston blacksmiths. When Peter opened his first shop on eastern Calhoun Street in 1890, his was one of nine African-American-owned smiths in the city, and one of four in a five-block area along the waterfront. He presumably worked out of the yard behind his simple two-story wood frame dwelling at 37 Calhoun Street, on the south side of the block between East Bay and Washington Streets. By the time young Philip Simmons apprenticed himself to Peter, the shop had relocated to the foot of Calhoun Street near the river's edge. Peter performed all aspects of blacksmith work including repairing wagons, wagon wheels, truck parts, farming implements, and coal buckets used on the Johnson Coal Company's wharf, and making boat iron and drays used to hoist ships' cargos (Vlach 1992).

In many ways, the East Side in the 1870s and 1880s resembled not only its prewar appearance, but that of the older portions of the city as well. Spatial patterns on the Neck resembled those found in Charleston's southern neighborhoods, even though the original plans for the northern subdivisions were conscious efforts to relieve the congestion common in the older sections. Lot sizes on the Neck in 1800 were larger than those in the older sections of the city, but by 1880, they had been subdivided to such an extent that they were smaller on the average. The overall range of lot sizes and spatial configuration of structures within the lots was similar above and below Calhoun (Boundary) Street. The typical dwelling on the Neck was a multistory wooden single house located on a lot configuration similar to those found in the older portions of the city. By 1880, a variant residence type appeared: a one-story single house with few architectural flourishes (Rosengarten

1987:29-34). There were also many smaller dwellings, dependencies that served as servants quarters, and employee housing for railroad hands and industrial operatives (Rosengarten 1987).

From the late nineteenth century until World War II, the city's Neck and East Side continued to be characterized by a mixed pattern of residential and industrial properties, principally dominated by the railroad and shipping industries. A zoning map of Charleston business properties, published by the *News and Courier* on 1 February 1931, indicates that Meeting Street retained its mixed-use character, while King Street continued to be completely dominated by retail businesses, just as it had been a century earlier. Yet, the more things stay the same, the more they change. The map also shows that Meeting Street had four "Gasoline Service Stations" and four "Public Garages," a sign of the city's adaptation to the automobile and perhaps a portent of the late twentieth century tourism industry.

The modernity implied by the automobile service facilities mapped in 1931 belied the city's backward housing conditions. A federal survey in 1934 declared Charleston's housing facilities to be the worst in the nation. Of 22,369 housing units surveyed, 21.7 percent had no running water, compared with a nation average of five percent. Nearly half (48.9 percent) had no indoor toilets (the national average for no indoor plumbing was 17.9 percent), and one quarter (25.8 percent) were without electricity (8.1 percent was the national average in this category). As a result of this report, a number of federally funded housing projects were built. The first such project in Charleston, Meeting Street Manor-Cooper River Court, was constructed in 1933 under the New Deal's Public Works Program. Located in the northeastern section of the city, Meeting Street Manor was composed of 75 white-only units; Cooper River Court had 137 black-only units. The ensuing projects were funded by the federal government, but constructed and owned by the Housing Authority of the City of Charleston. In 1938, the United States Housing Authority granted the City of Charleston an additional $2,000,000 for black housing projects. The appropriation was timely due to the destruction caused by several tornados in September of that year, causing 32 deaths and several million dollars worth of property damage. This intensified the already serious housing shortage. The next year, ground was broken for two East Side projects, Anson Borough Homes and Wragg Borough Homes.

Housing was not Charleston's only problem during the 1930s. The city, like the rest of South Carolina, was hard hit by the Great Depression. Shortly after Congress established the Federal Emergency Relief Administration in May 1933, a quarter of the state's population was receiving relief in the form of work, clothing, and food. Charleston's unemployment rate rose to 20 percent.

During the Depression, South Carolina received over $400,000,000 in federal aid, of which $34,780,966 was earmarked for Charleston (Edgar 1992:71, 74; Fraser 1989:380). An additional $6.6 million was spent on the Charleston Navy Yard between 1933 and 1939.

The outbreak of World War II and the expansion of the Charleston Navy Yard proved the city's salvation from the ravages of the Great Depression. In 1941, 80 percent of the $136.8 million allocated to South Carolina by the federal defense program went to the Charleston area (Fraser 1989:387). In Charleston, the average per capita income rose to $856.60, nearly three times the average for the rest of the state (Fraser 1989:387).

Summary of the Survey Universe History

The survey universe remained rural and largely undeveloped throughout the eighteenth and nineteenth centuries. With the exception of a few plantation/farm settlements, the area was devoid of residences during this period. Figure 4 shows the 1825 Mills Atlas map for the project area. Development of the area began in earnest in the early twentieth century and continued through the mid-twentieth century. Residential neighborhoods were conceived, and the roads and lots were drawn, marked on the ground, and then developed.

Charleston was severely affected by the Great Depression during the late 1920s-1930s. It was only after the start of World War II that the economy of the area began to rebound. Several military installations, including the Charleston Navy Base and the Naval Weapons Station, were constructed in the project area to train and house thousands of troops. The 1937 Charleston County Highway Map shows residential development in the project area that is most likely associated with the naval base (Figure 5). Between 1940 and 1942, the rapid pace of construction in North Charleston increased as government-funded construction was supplemented by the development of single-family residential neighborhoods. On the 1969 General Highway Map of Dorchester County,we begin to see evidence of the development of North Charleston. An extensive neighborhood is present along the northwest side of Eagle Creek, and three additional buildings are located along Dorchester Road. Attending the development of residential neighborhoods were new businesses, most located along Dorchester Road.

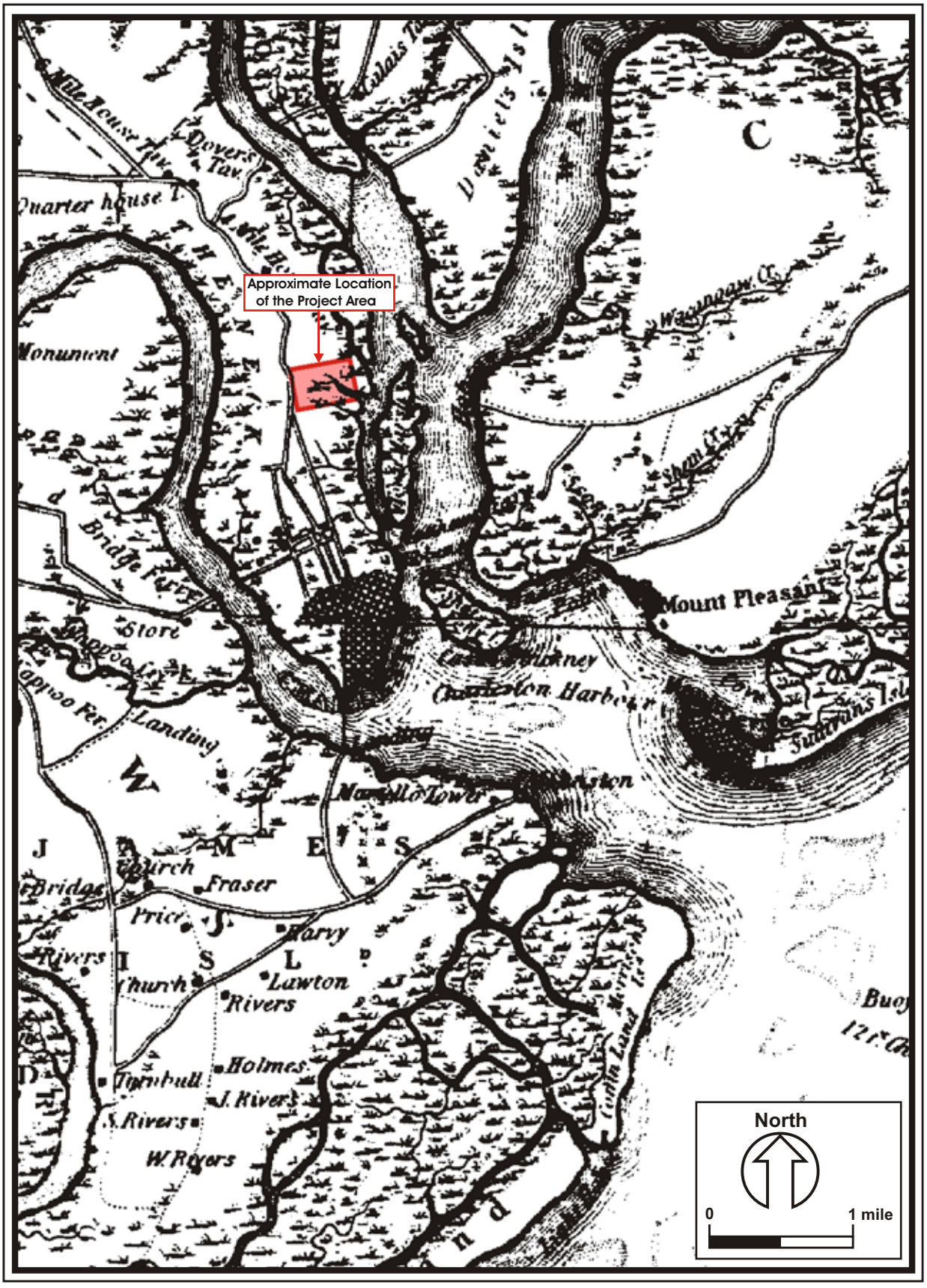

Figure 4. Approximate location of the proposed Access Road Alternate Alignments on the Mills Atlas for the Charleston District (1825).



Figure 5. Location of the Proposed Access Road Alternate Alignments, SPA CNC Marine Container Terminal Project, on a portion of the General Highway Map, Charleston County, South Carolina (1937)

The CNC Location

Archaeologists and historians have conducted numerous cultural resources studies in the vicinity of the proposed access road alternate alignments for SC SPA CNC Marine Container Terminal, Charleston County, South Carolina, including areas of potential new right-of-way (ROW) for the project. The location of these resources are shown in Figure 1. None of these historic properties will be impacted by the undertaking.

Previous cultural resources investigations near the CNC location for the proposed Marine Container Terminal include Fick's (1995) architectural survey of North Charleston and environs, Goodwin and Associates, Inc.'s (1995) architectural survey of selected portions of the CNC, Shmookler's (1995) archaeological assessment of the CNC, Tidewater Atlantic Research, Inc.'s (1995) management and GIS study of the Charleston Harbor area, the USC Legacy Project's (1995) overview of Cold War-era cultural resources in South Carolina, Watts' (1986) remote sensing reconnaissance survey of Charleston Harbor, and Watts' (1989, 1995) intensive surveys and inspections of selected portions of the Cooper River. This list does not include any investigations that occurred within or near the potential routes of the proposed access road since the South Carolina Department of Transportation is handling that road as a separate project. However, the major investigation that examined nearby portions of the Charleston peninsula is Beaty and Bailey's (2004) architectural survey of the Upper Peninsula of the City of Charleston. Figure 1 displays the locations of previous cultural resources investigations and historic properties/potential historic properties near the proposed CNC location.

Summaries of the studies and the NRHP listed, eligible, or potentially eligible resources identified during those studies are provided in Table 1.

Table 1. Cultural Resources Near the Proposed Access Road Alternate Alignments, SC SPA CNC Marine Container Terminal.

Site Name	Description	NRHP Status
38CH1496	Mississippian Camp Site	Potentially eligible
38CH1270	N/A	Potentially eligible
Building 686	Operational Trainer	Not eligible
Building 643	Fleet and Mine Training Center	Not eligible
Naval Shipyard District	Historic District	Eligible
Naval Hospital District	Historic District	Eligible
Officer Housing District	Historic District	Eligible
Building 1179	World War II-Era Chapel	Eligible
Building 590-A	Bachelor Officers Quarters	Eligible
Building 17	Marine Barracks	Eligible
“Dead House”	Powder Magazine	Eligible
Five Mile Viaduct	Bridge	Eligible

Fick (1995) identified one historic property, the Five Mile Viaduct, within one mile of the CNC alternate location during her survey of the City of North Charleston and nearby environs. This bridge carries upper King Street over Meeting Street.

Goodwin and Associates, Inc. (1995) conducted an architectural survey of the CNC prior to its closing. They identified 121 individual buildings or structures as historic properties on the CNC; 118 lie within three historic districts. These districts all lie to the north of the location of the proposed Marine Container Terminal. These districts include the Naval Shipyard District, the Naval Hospital District, and the Officer Housing District. The three historic properties that stand outside the districts include Buildings 1179 (World War II-era chapel), Building 590-A (late 1930s U.S. Coast Guard bachelor officers' quarters), and Building 17 (World War I-era Marine Barracks). All stand in the northern portion of the CNC, adjacent to the historic districts. Also, the presumed eighteenth century powder magazine (often called the "Dead House") is a potential historic property, located within the Officer Housing District.

Shmookler (1995) conducted an assessment of the potential of the CNC to contain archaeological resources. He determined that most of the installation witnessed extensive alterations during its development and use by the U.S. Navy. Much of the land within the CNC was created during the twentieth century to accommodate the Navy's activities. Other areas were modified to accommodate the facilities constructed and activities undertaken by the U.S. Navy. The CNC alternate location lies on lands made since 1941. Thus, there is little potential for archaeological sites to be present in the CNC location.

The USC Legacy Project (1995) identified 13 buildings and facilities as potential historic properties due to their possible associations with significant events during the Cold War era (1946-1989). Building 686 (Operational Trainer Facility built in 1983) stands just south of the intersection of South Hobson Street and Barracks Road, adjacent to the proposed CNC location. Building 643 (Fleet and Mine Warfare Training Center of unknown construction date) stands on the north side of Bainbridge Avenue, adjacent to the proposed CNC location. Buildings 1303 (Damage Control Mock-up built in 1953) and 1310 (Carrier Compartment Mock-up built in 1953) stand between Dyess and South Hobson avenues, north of the proposed CNC location.

Watts (1986, 1989, 1995) undertook underwater surveys and assessments of selected portions of the navigational channel of the Cooper River and areas between the channel and the bank of the river. These studies identified no potential historic properties in the portions of the Cooper River

between the existing wharves at the CNC and the opposite edge of the main ship channel of the Cooper River at the CNC location.

There are two archaeological sites that are potential historic properties that lie near the CNC location. These sites are 38CH1496 (a Mississippian camp site) within the Officer Housing District and 38CH1270 on the Ashley River southwest of the CNC.

Chapter III. Results and Recommendations

The cultural resources survey of the Proposed Access Road Alternate Alignments, SPA CNC Marine Container Terminal, Charleston County, was designed to identify and assess all historic architectural resources in the architectural survey universe. The survey was also to provide the location of historic properties and the potential for archaeological sites to exist along each alternate alignment in order to determine the potential effects of the construction and the use of each alternate alignment on historic properties. The remainder of this chapter presents the results of the architectural survey, the literature review, and the management recommendations.

Results of the Architectural Survey

The Architectural Historian identified 39 historic architectural resources during the architectural survey. The Architectural Historian recorded the buildings on SC Statewide Survey forms (see Figure 1). There were no previously identified historic architectural resources in the architectural survey universe. Table 2 provides a summary of these historic architectural resources. Figure 6 provides a map with the location of the historic architectural resources.

Prevalent Architectural Styles in the Architectural Survey Universe

Front Gable. These houses can have one or two stories with one to three bays across the facade. Craftsman and bungalow-influenced houses are the most prominent twentieth century examples of this pervasive type. Unlike the buildings described in the Craftsman section below, however, many of these buildings lack architectural details and therefore are included in this folk section. Based on the survey findings, front-gable houses were a popular form of folk housing in the survey universe. We found 17 examples of the form, ranging from the 1890s to the 1950s.

Craftsman. Craftsman-style houses drew inspiration from the Arts and Crafts movement of the late nineteenth century. Occasionally they are mistaken for simple front- or side-gable folk houses. The difference is the presence of visible architectural details. These houses feature such elements as low-pitched roofs, often with overhanging eaves and exposed rafters and occasionally with decorative brackets or beams. Generally, these houses have projecting porches supported by

Table 2. Historic Architectural Resources in the Proposed Access Road Alternate Alignments Project.

Site Number	Address	Date	NRHP Status
4281	1919 Dosher Ave.	ca. 1950s	not eligible
4282	1923 Dosher Ave.	ca. 1950s	not eligible
4283	2028 Summerville Ave.	ca. 1930s	not eligible
4284	1938 Summerville Ave.	ca. 1940s	not eligible
4285	2012 Meeting St.	ca. 1930s	not eligible
4286	2000 Meeting St.	ca. 1930s	eligible
4287	1995 Kingsworth Ave.	ca. 1930s	not eligible
4288	1934 Disher St.	ca. 1940s	not eligible
4289	Summerville Ave.	ca. 1940s	not eligible
4290	1901 Summerville Ave.	ca. 1930s	not eligible
4291	1907 Dosher St.	ca. 1940s	not eligible
4292	Corner of Dorsher Ave and Birdie Garret St.	ca. 1940s	not eligible
4293	2512 Meeting St.	ca. 1930s	not eligible
4294	2020 Hampton Ave.	ca. 1930s	not eligible
4295	2025 Hampton Ave.	ca. 1950s	not eligible
4296	2026 Hampton Ave.	ca. 1930s	not eligible
4297	2021 Hampton Ave.	ca. 1930s	not eligible
4298	2028 Hampton Ave.	ca. 1930s	not eligible
4299	2023 Hampton Ave.	ca. 1930s	not eligible
4300	2033 Hampton Ave.	ca. 1930s	not eligible
4301	2034 Hampton Ave.	ca. 1950s	not eligible
4302	2130 Meeting St.	ca. 1950s	not eligible
4303	2126 Meeting St.	ca. 1950s	not eligible
4304	2222 Cosmopolitan St.	ca. 1950s	not eligible
4305	1984 Joppa St.	ca. 1940s	not eligible
4306	1985 Joppa St.	n/a	eligible
4307	1987 Joppa St.	ca. 1930s	not eligible
4308	Meeting St.	ca. 1940s	not eligible
4309	2028 Irving Ave.	n/a	eligible
4310	2020 Irving Ave.	ca. 1940s	not eligible
4311	1978 Hugo Ave.	ca. 1950s	not eligible
4312	2002 Hugo Ave.	ca. 1930s	not eligible
4313	2311 Cosmopolitan St.	ca. 1930s	not eligible
4314	2016 Hugo Ave.	ca. 1930s	not eligible
4315	2018 Hugo Ave.	ca. 1950s	not eligible
4316	2023 Hugo Ave.	ca. 1950s	not eligible
4317	2027 Hugo Ave.	ca. 1950s	not eligible
4318	2028 Hugo Ave.	ca. 1950s	not eligible
4319	2228 Meeting St.	ca. 1930s	not eligible

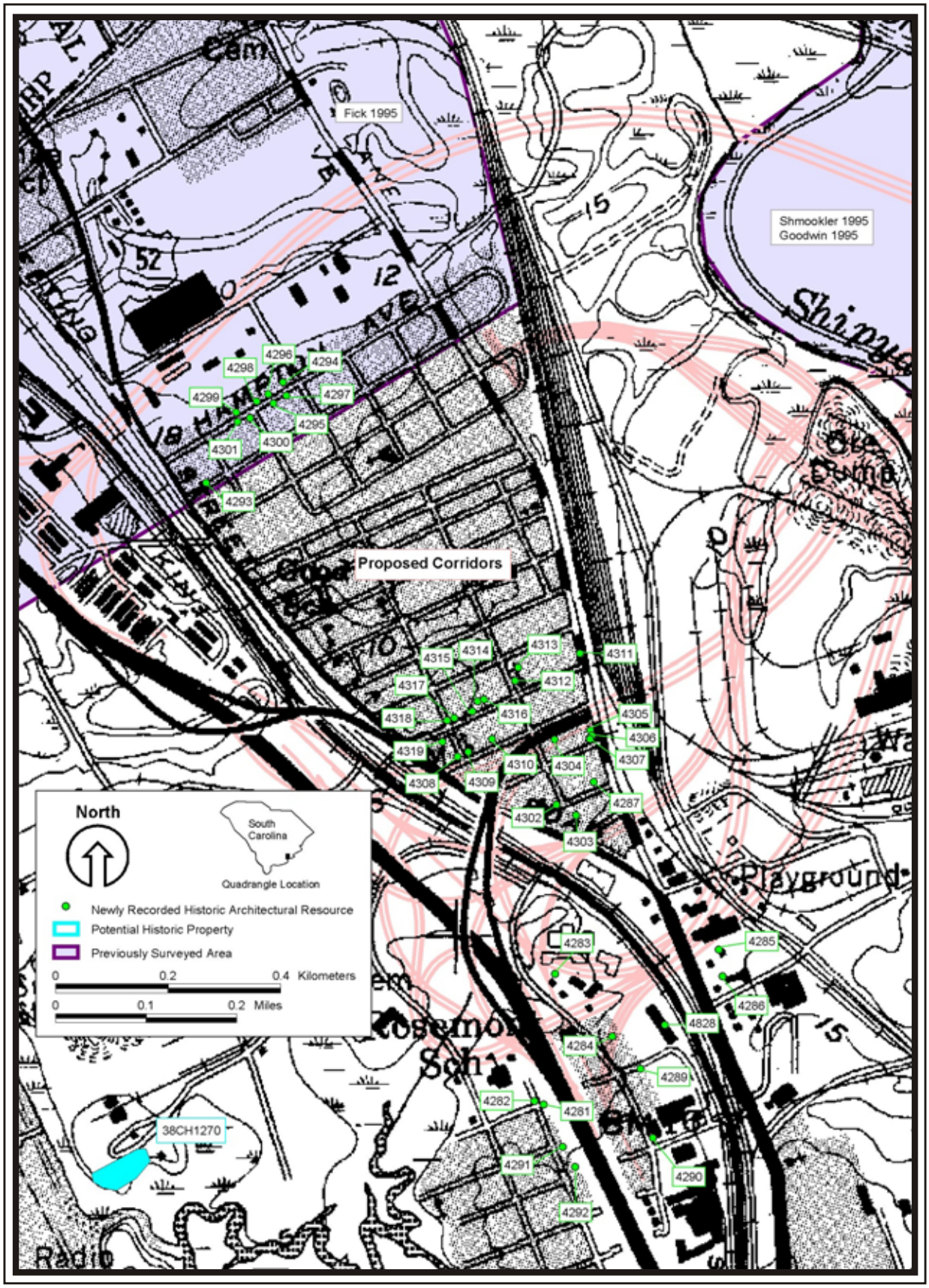

Figure 6. Map with the location of the historic architectural resources.

wooden posts on brick or masonry piers. Most Craftsman houses are surmounted by either side- or front-gabled roofs; occasionally, there are hip or cross-gable roofs. The vogue for this style lasted from about 1900 to the early 1930s. The survey universe contains approximately 15 houses that display elements of this style. These houses were built between circa 1905 and the early 1940s.

Individual Historic Architectural Resources

Resource 4281 (1919 Dosher Ave.). Resource 4281 is a front-gable-style house, constructed circa 1950s. The one-story, masonry, multi-dwelling building with concrete blocks is rectangular-shaped and faces east, and has a composite shingle, front-gable roof with a normal pitch. There is a concrete block chimney on the ridge, and another concrete block chimney on the eave wall on the south side. The house has a full hip porch with concrete block piers and cast iron railings, and the door, on the south side of the façade, is glazed flush; another door, on the north side of the façade, is unglazed flush. The windows are two over two, and the foundation is concrete block. Figure 7 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend resource 4281 not eligible for the NRHP.

Resource 4282 (1923 Dosher Ave.). Resource 4282 is a no-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with brick veneer is rectangular-shaped and faces east. The house has a composite shingle hip roof with a low pitch, and a full hip porch with cast iron columns and railings. The door is glazed flush, and the windows are six over six. The resource has a picture window, located on the south side of the main façade, and a brick foundation. Figure 7 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4282 not eligible for the NRHP.

Resource 4283 (2028 Summerville Ave.). Resource 4283 is a massed-plan-style house, constructed circa 1930s, according to the owner. The one-story, frame, single-dwelling building with asbestos shingles is irregular-shaped and faces west; it has a tin hip roof with a low pitch and a gabled eyebrow. The house has a partial hip porch with knee braces and wooden turned spindle railings. The windows are one over one, the door is unglazed flush, and the foundation is brick and concrete blocks. Figure 8 (top) provides a view of the resource. The house is a common



Figure 7. Resource 4281 (top) and 4282 (bottom).



Figure 8. Resource 4283 (top) and 4284 (bottom).

architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4283 not eligible for the NRHP.

Resource 4284 (1938 Summerville Ave.). Resource 4284 is a massed-plan, side-gable-style house, constructed circa 1940s. The one-story, frame, single dwelling, building with shiplap is L-shaped and faces west. The house has a composite shingle gable-L roof with a low pitch and a brick chimney located on the southern gable wall. There is a partial shed porch with cast iron columns and railings. Most of the windows are covered with plyboard, but an exposed window is one over one. The doors are glazed flush, and the foundation is concrete blocks. Figure 8 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4284 not eligible for the NRHP.

Resource 4285 (2012 Meeting St.). Resource 4285 is a Craftsman-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with synthetic siding is rectangular-shaped and faces west. The house has a composite shingle, front-gable roof with a normal pitch. There are two gable roof dormers with six over six windows and one brick chimney located on the slope. The resource has a full-gable porch with wooden battered columns on brick, and cast iron railings. The windows are six over six, and the foundation is brick pier infill. Figure 9 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4285 not eligible for NRHP.

Resource 4286 (2000 Meeting St.). Resource 4286 is a firehouse, constructed circa 1930s. The two-story, frame building with brick veneer is rectangular-shaped and faces west. The building has a parapet roof, and five windows, located on the main façade, are single-pane. There are three oversized, tin garage doors, to accommodate automotive fire engines, with an entablature; there is an unglazed paneled door located on the north side of the main façade. The foundation is not visible. Figure 9 (bottom) provides a view of the resource. The firehouse is unique to the area; therefore, we recommend Resource 4286 eligible for the NRHP.

Resource 4287 (1995 Kingsworth Ave.). Resource 4287 is a front-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with concrete blocks is rectangular-shaped and faces north. The house has a composite shingle, hip roof with a normal pitch and a chimney located on the slope. The rafter ends are exposed, and the full porch under the hip

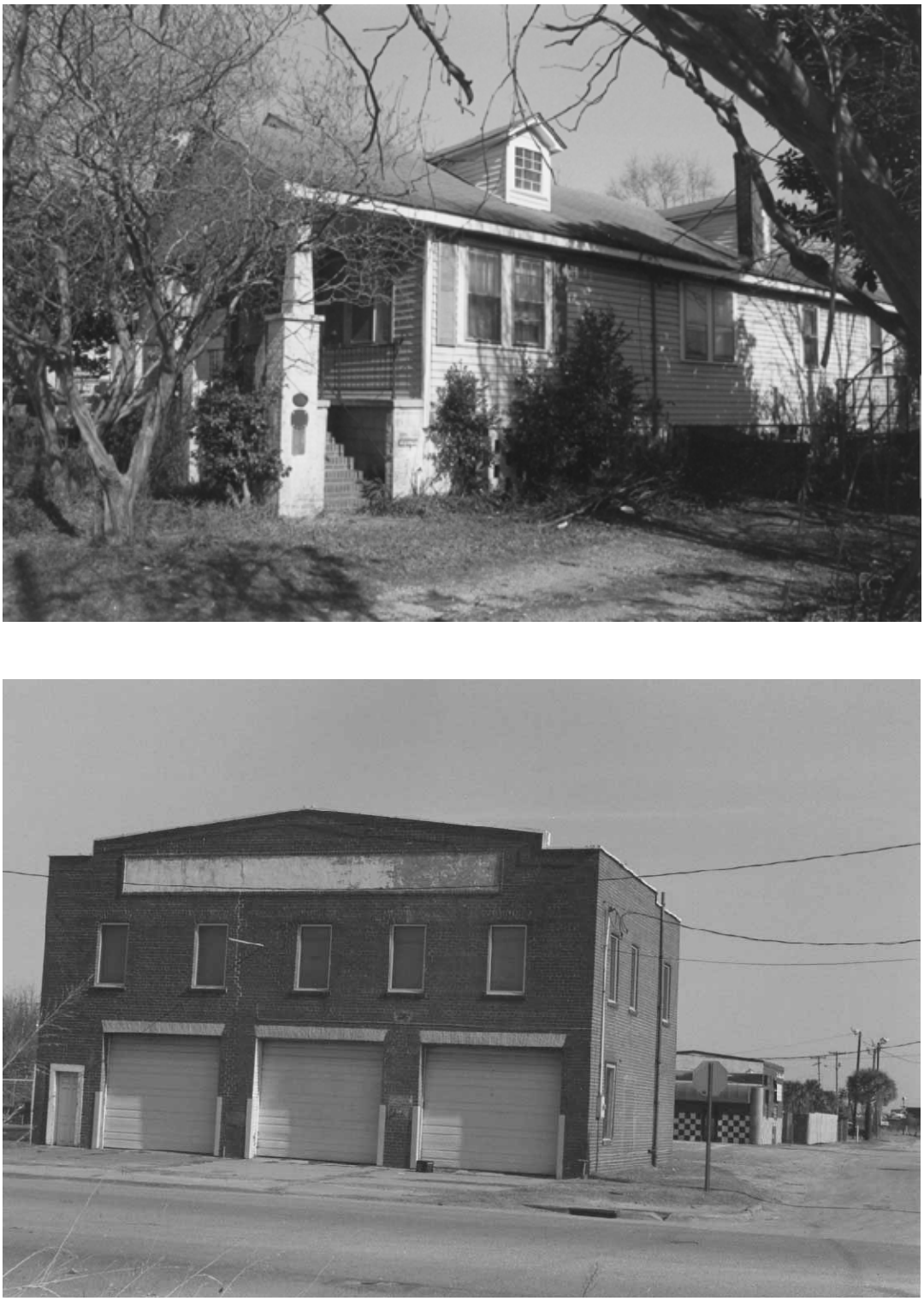

Figure 9. Resource 4285 (top) and 4286 (bottom).

roof has brick columns. The windows are one over one, the door is glazed flush, and the foundation is concrete blocks. Figure 10 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4287 not eligible for the NRHP.

Resource 4288 (1934 Disher St.). Resource 4288 was once a trucking office, but now is the office of A Star Limousine Service, constructed circa 1940s and altered circa 1970s. The one-story, frame building with brick veneer is rectangular-shaped and faces west. It has a flat roof and a partial flat porch with round metal columns and railings. The door is glass, and the foundation is brick. Figure 10 (bottom) provides a view of the resource. The trucking office is a common architectural style in the state, and the historic value of the building is lost due to the large addition, which destroyed the trucking aspect of the building. Also, the building does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4288 not eligible for the NRHP.

Resource 4289 (Summerville Ave.). Resource 4289 is a front-gable-style house, constructed circa 1940s. The one-story, frame, single-dwelling building is vacant; it features shiplap and flushboard, is rectangular-shaped, and faces west. The house has a composite shingle, front-gable roof with a low pitch and a brick chimney located on the southern eave wall. The resource has a full shed porch with rough-hewn columns, six over six windows, and a slab construction foundation. Figure 11 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4289 not eligible for the NRHP.

Resource 4290 (1901 Summerville Ave.). Resource 4290 is a Craftsman-style house. It was constructed circa 1930s. The one-story, frame, single-dwelling building with synthetic siding is square-shaped and faces east. The house has a composite shingle, hip roof with a normal pitch and a gable roof dormer. A brick chimney is located on the slope, and the rafter ends are exposed. The resource has a full porch under the hip roof, with wooden square columns and railings, two over two windows, and a brick pier infill foundation. Figure 11 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4290 not eligible for the NRHP.



Figure 10. Resource 4287 (top) and 4288 (bottom).

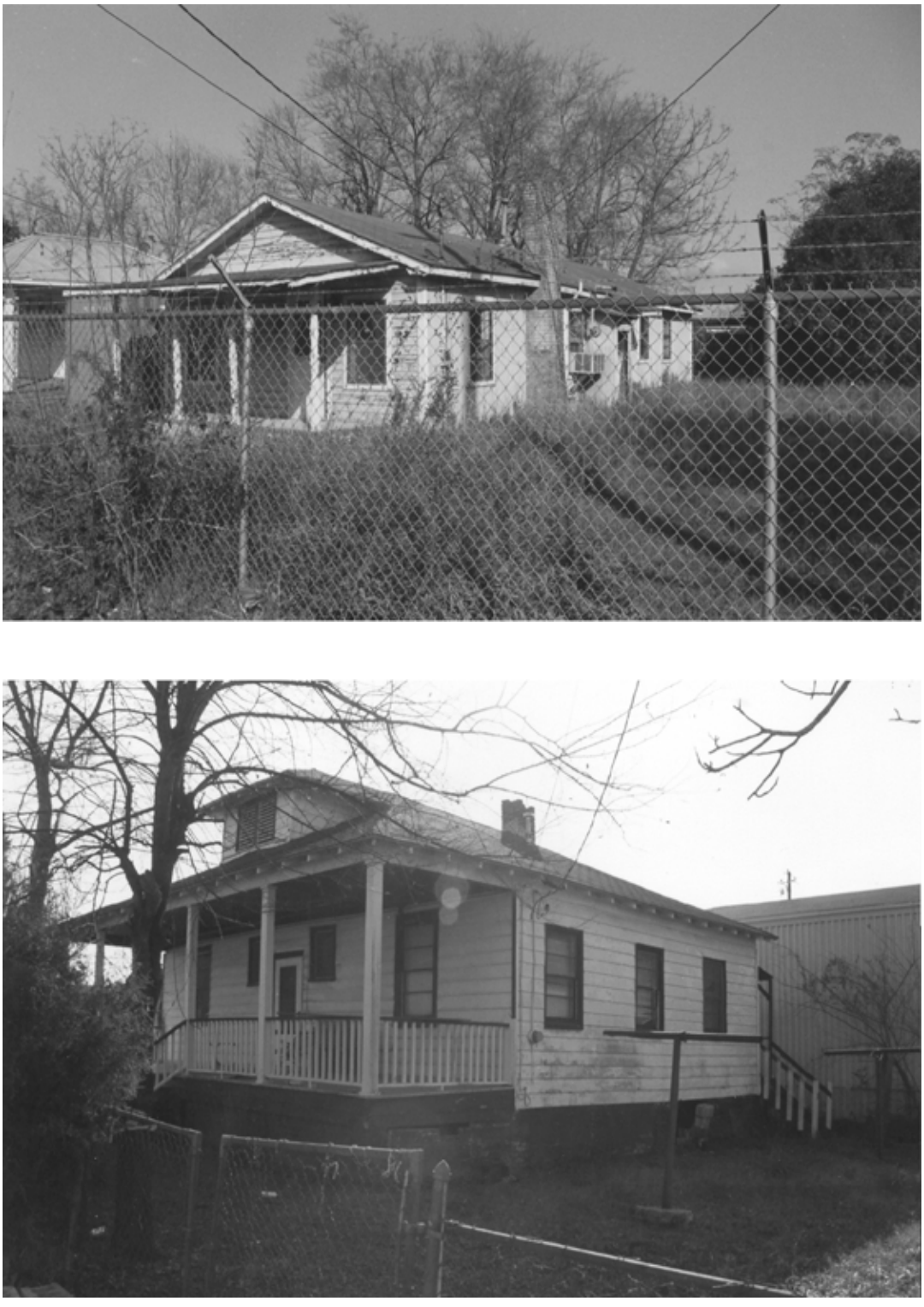

Figure 11. Resource 4289 (top) and 4290 (bottom).

Resource 4291 (1907 Dosher St.). Resource 4291 is a front-gable-style house, constructed circa 1940s. The one-story, frame, single-dwelling building with weatherboard is rectangular-shaped and faces east. The house has a composite shingle, cross-gable roof with a low pitch, and the rafter ends are exposed. The resource has a closed-in porch, six over six windows, an unglazed panel door, and a brick pier infill foundation. Figure 12 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4291 not eligible for the NRHP.

Resource 4292 (Corner of Dorsher Ave. and Birdie Garret St.). Resource 4292 is the Rosemont Pantrty (*sic*), constructed circa 1940s. The one-part commercial block building with stucco is irregular-shaped and faces southwest. The store has a composite shingle, hip roof with a low pitch, and a glazed flush door. There are two picture windows, but one is covered with plyboard. The door and windows have aluminum awnings over them, and the foundation is not visible. Figure 12 (bottom) provides a view of the resource. The store is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4292 not eligible for the NRHP.

Resource 4293 (2512 Meeting St.). Resource 4293 is a Craftsman-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with shiplap is rectangular-shaped and faces west. The house has a composite shingle, front-gable roof with a normal pitch, and the rafter ends are exposed. The resource has a Craftsman partial shed porch with squared wooden columns and railings that are screened in and six over six windows, some of which are covered with plyboard. A shed addition was added circa 1960s, and the foundation is brick pier. Figure 13 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4293 not eligible for the NRHP.

Resource 4294 (2020 Hampton Ave.). Resource 4294 is a Craftsman-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with asbestos shingles is rectangular-shaped and faces south. The house has a composite shingle, hip roof with a normal pitch and a gable eyebrow, and the rafter ends are exposed. The resource has a Craftsman partial gable porch with squared wooden columns and railings that are screened in; the foundation is brick pier infill. Figure 13 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4294 not eligible for the NRHP.

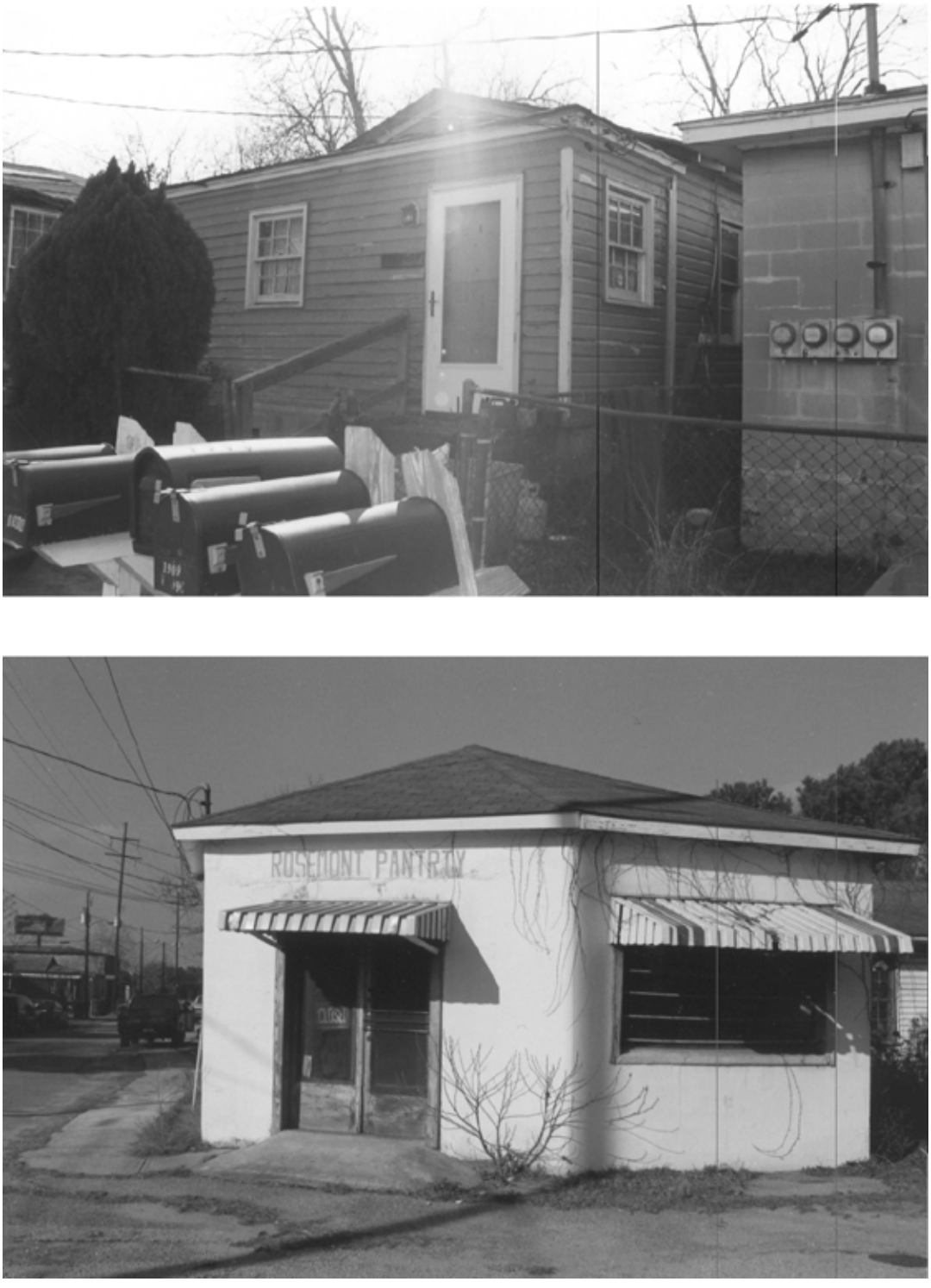

Figure 12. Resource 4291 (top) and 4292 (bottom).

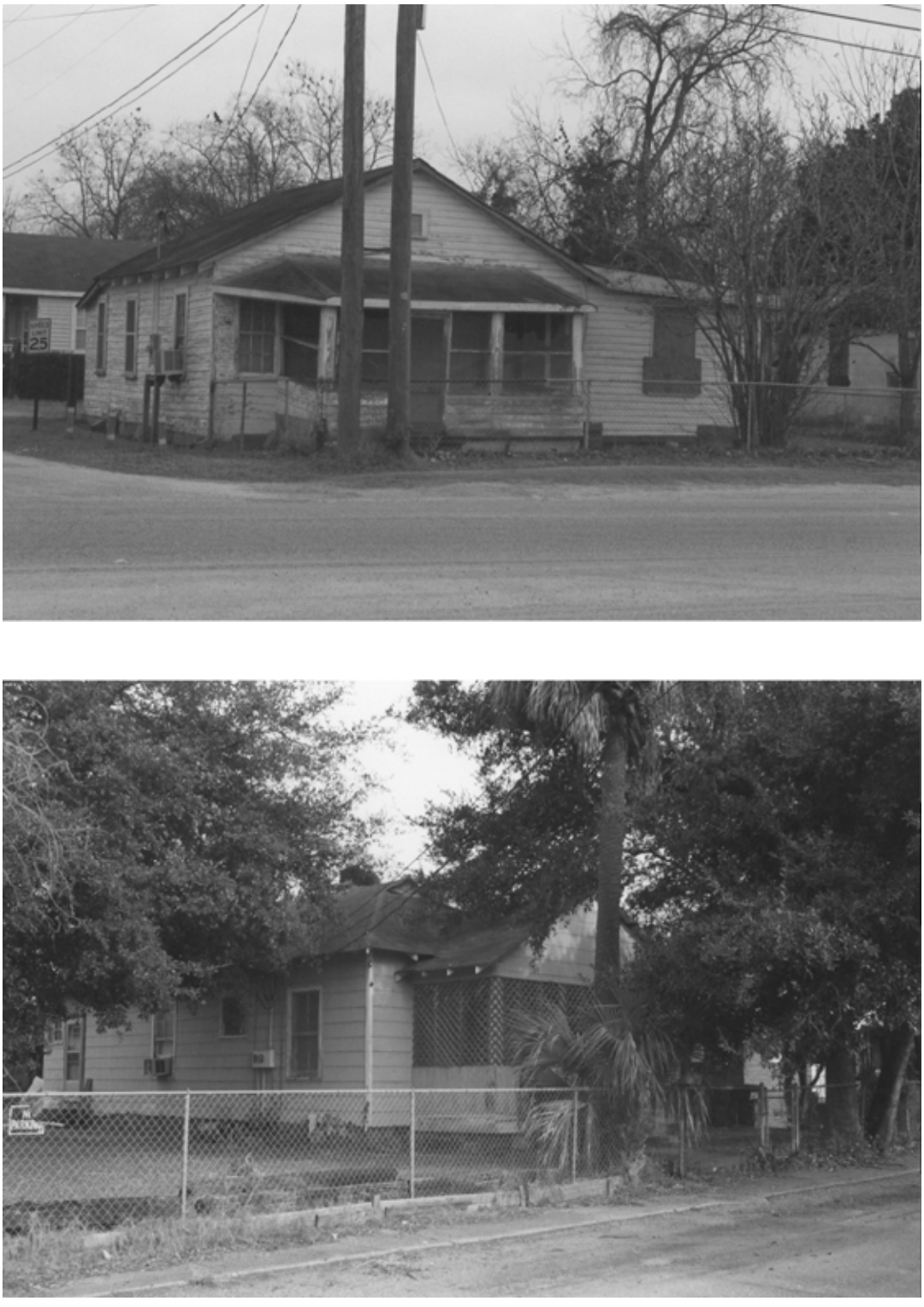

Figure 13. Resource 4293 (top) and 4294 (bottom).

Resource 4295 (2025 Hampton Ave.). Resource 4295 is a front-gable-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with asbestos shingles is rectangular-shaped and faces north. The house has a composite shingle, front-gable roof with a low pitch and a brick chimney located on the slope. The resource has a partial porch under the front-gable roof with a square wooden column, six over six windows, unglazed paneled doors, and a brick pier foundation. Figure 14 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4295 not eligible for the NRHP.

Resource 4296 (2026 Hampton Ave.). Resource 4296 is a Craftsman-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with synthetic siding is rectangular-shaped and faces south. The house has a composite shingle, cross-gable roof with a normal pitch and a brick chimney located on the ridge. The roof has knee braces, and the rafter ends are exposed. The resource has a partial gable porch with cast iron columns and railings, four over four windows, and a glazed paneled door. The foundation is not visible. Figure 14 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4296 not eligible for the NRHP.

Resource 4297 (2021 Hampton Ave.). Resource 4297 is a front-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building is vacant; it features asbestos shingles, is rectangular-shaped, and faces north. The house has a composite shingle, hip roof with a normal pitch, and the roof has a gable eyebrow and a brick chimney located on the ridge. The resource has a partial gable porch with square wooden columns, and the rafter ends are exposed on the porch. The foundation is brick pier infill. Figure 15 (top) provides a view of the resource. The house is a common architectural style in the state and has fire damage. Also, the resource does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4297 not eligible for the NRHP.

Resource 4298 (2028 Hampton Ave.). Resource 4298 is a front-gable house, constructed circa 1930s. The one-story, frame, single-dwelling building with synthetic siding is L-shaped and faces south. The house has a composite shingle, gable-L roof with a normal pitch and a brick chimney located on the slope. The resource has a partial porch under the cross-gable roof with a wooden battered column on bricks; the other columns are brick but do not reach the top of the porch. There is a wooden railing, a glazed paneled door, three over one windows, and a brick



Figure 14. Resource 4295 (top) and 4296 (bottom).



Figure 15. Resource 4297 (top) and 4298 (bottom).

foundation. Figure 15 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4298 not eligible for the NRHP.

Resource 4299 (2023 Hampton Ave.). Resource 4299 is a front-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with asbestos shingles is rectangular-shaped and faces south. The house has a composite shingle, hip roof with a normal pitch and rafter ends exposed, a gable eyebrow, and a brick chimney located on the ridge. The resource has a partial gable porch with square wooden columns; the porch is screened in. The windows are four over four, and the foundation is brick pier. Figure 16 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4299 not eligible for the NRHP.

Resource 4300 (2033 Hampton Ave.). Resource 4300 is a front-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with weatherboard is rectangular-shaped and faces north. The house has a composite shingle, hip roof with a normal pitch, and exposed rafter ends. The resource has a partial gable, screened-in porch with battered wooden columns on brick; the foundation is not visible. Figure 16 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4300 not eligible for the NRHP.

Resource 4301 (2034 Hampton Ave.). Resource 4301 is a front-gable-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with weatherboard is rectangular-shaped and faces south. The house has a composite shingle, front-gable roof with a normal pitch. A partial porch is located under the front-gable roof, and the porch has wooden columns and railing. The windows are one over one, and the foundation is brick. Figure 17 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4301 not eligible for the NRHP.

Resource 4302 (2130 Meeting St.) Resource 4302 is a front-gable-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with weatherboard is rectangular-shaped, faces west, and has a composite shingle, front-gable roof with a normal pitch. The house has a partial gable porch with cast iron columns and railings, two over two windows, and a brick



Figure 16. Resource 4299 (top) and 4300 (bottom).



Figure 17. Resource 4301 (top) and 4302 (bottom).

foundation. Figure 17 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4302 not eligible for the NRHP.

Resource 4303 (2126 Meeting St.). Resource 4303 is a front-gable-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with weatherboard is rectangular-shaped and faces west. The house has a composite shingle, front-gable roof with a normal pitch. The full gable porch has square wooden columns and cast iron railings. The windows are one over one, the door is unglazed paneled, and the foundation is not visible. Figure 18 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4303 not eligible for the NRHP.

Resource 4304 (2222 Cosmopolitan St.). Resource 4304 is a front-gable house, constructed circa 1950s. The one-story, frame, single-dwelling building with flushboard is rectangular-shaped and faces west. The house has a composite shingle, front-gable roof with a normal pitch, and a concrete block chimney located on the southern eave wall. The partial gable porch has cast iron columns and railings. The windows are two over two, and the foundation is brick pier. Figure 18 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4304 not eligible for the NRHP.

Resource 4305 (1984 Joppa St.). Resource 4305 is a front-gable-style house, constructed circa 1940s. The one-story, frame, single-dwelling building with shiplap is rectangular-shaped and faces south. The house has a composite shingle, front-gable roof with a normal pitch and an extended secondary roof. The resource has a partial gable porch with wooden round columns and wooden turned spindle and square railings, nine pane windows, and a concrete block foundation. Figure 19 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4305 not eligible for the NRHP.

Resource 4306 (1985 Joppa St.). Resource 4306 is a freedman cottage, constructed circa 1940s. The one-story, frame, single-dwelling building with weatherboard is L-shaped and faces west. The house has a tin, gable-L roof with a low pitch, and a full shed porch with a parapet. The porch supports are cast iron, and the railings are cast iron and wooden. The windows are one over



Figure 18. Resource 4303 (top) and 4304 (bottom).



Figure 19. Resource 4305 (top) and 4306 (bottom).

one, the doors are glazed flush, and the foundation is brick pier. Figure 19 (bottom) provides a view of the resource. Many freedman cottages are located in downtown Charleston, but the style is unique to North Charleston and shows early development in this area; therefore, we recommend Resource 4306 eligible for the NRHP.

Resource 4307 (1987 Joppa St.). Resource 4307 is a front-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with shiplap is rectangular-shaped and faces north. The house has a tin, front-gable roof with a low pitch and exposed rafter ends. The resource has a full hip porch with square wooden columns and lace-like brackets and six over six windows; the foundation is not visible. Figure 20 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4307 not eligible for the NRHP.

Resource 4308 (Meeting St.). Resource 4308 is an unnamed store, constructed circa 1940s. The two-part commercial block with concrete blocks is rectangular-shaped and faces south. The store has a hip roof with a normal pitch and one over one windows, and the foundation is not visible. Figure 20 (bottom) provides a view of the resource. The store is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4308 not eligible for the NRHP.

Resource 4309 (2028 Irving Ave.). Resource 4309 is a freedman cottage, constructed circa 1940s. The one-story, frame, single-dwelling building with shiplap is rectangular-shaped and faces west. The resource has a tin, front-gable roof with a low pitch and a full shed porch. The porch supports are wooden square columns with braces. Plyboard covers the windows, and the foundation is concrete blocks. Figure 21 (top) provides a view of the resource. Many freedman cottages are located in downtown Charleston, but the style is unique to North Charleston and shows early development in the area; therefore, we recommend Resource 4309 eligible for the NRHP.

Resource 4310 (2020 Irving Ave.). Resource 4310 is a front-gable-style house, constructed circa 1940s. The two-story, frame, multi-dwelling building (formerly single-dwelling) with shiplap is rectangular-shaped and faces south. The house has a tin, front-gable roof with a low pitch and one over one windows. The door has sidelights on each side, and the foundation is concrete blocks. Figure 21 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4310 not eligible for the NRHP.

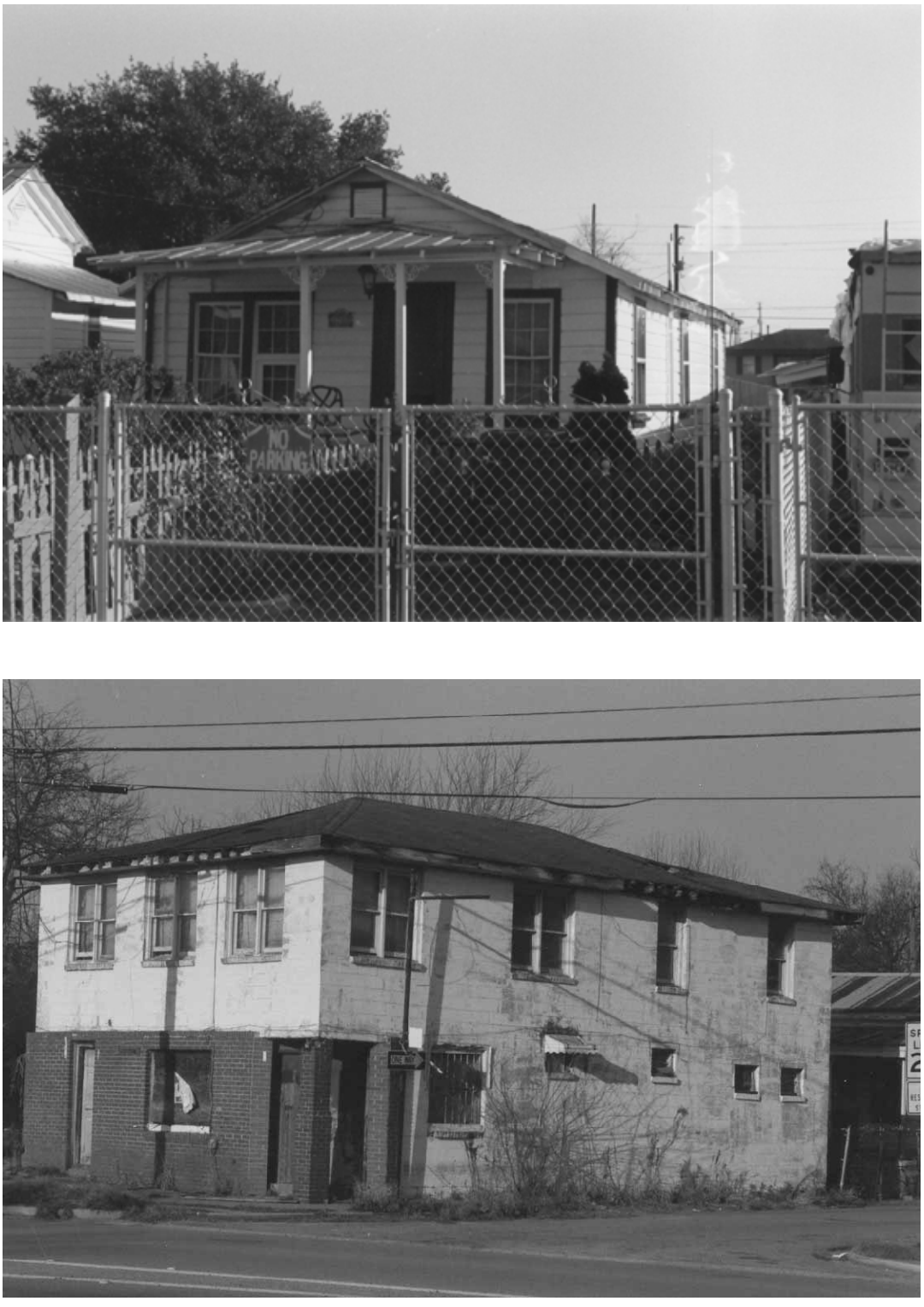

Figure 20. Resource 4307 (top) and 4308 (bottom).



Figure 21. Resource 4309 (top) and 4310 (bottom).

Resource 4311 (1978 Hugo Ave.). Resource 4311 is a front-gable-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with weatherboard is rectangular and faces south. The resource has a tin, front-gable roof with a normal pitch, and a wrap-around flat porch with wooden square columns and railings. The porch has an aluminum awning, and the foundation is concrete blocks. Figure 22 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4311 not eligible for the NRHP.

Resource 4312 (2002 Hugo Ave.). Resource 4312 is a front-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with asbestos shingles is rectangular-shaped and faces south. The house has a composite shingle, front-gable roof with a low pitch and exposed rafter ends. The house has a full gable porch with Craftsman wooden battered columns on brick and wooden railings. An aluminum awning is over the porch and some of the two over two windows. The door and windows have cast iron bars, and the foundation is concrete blocks. Figure 22 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4312 not eligible for the NRHP.

Resource 4313 (2311 Cosmopolitan St.). Resource 4313 is a massed-plan, side-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with flushboard is rectangular and faces east. The resource has a composite shingle, side-gable roof with a normal pitch and exposed rafter ends. A brick chimney is located on the southern gable wall. The house has a full hip porch with square wooden columns. The window is covered with plyboard, and the foundation is concrete block piers. Figure 23 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4313 not eligible for the NRHP.

Resource 4314 (2016 Hugo Ave.). Resource 4314 is a front-gable-style house, constructed circa 1930s. The one-story, frame, single-dwelling building with asbestos shingles is rectangular-shaped and faces south. The house has a composite shingle, front-gable roof with a normal pitch and a brick chimney located on the ridge. The resource has a partial gable porch with Craftsman square wooden columns on brick. The porch and nine over nine windows have aluminum awnings, and the foundation is concrete blocks. Figure 23 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4314 not eligible for the NRHP.



Figure 22. Resource 4311 (top) and 4312 (bottom).



Figure 23. Resource 4313 (top) and 4314 (bottom).

Resource 4315 (2018 Hugo Ave.) Resource 4315 is a front-gable-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with shiplap is rectangular-shaped and faces south. The resource has a composite shingle, front-gable roof with a low pitch. The house has a full porch under the gable roof with square wooden columns and railings, six over six windows, an unglazed paneled door, and a concrete block pier foundation. Figure 24 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4315 not eligible for the NRHP.

Resource 4316 (2023 Hugo Ave.). Resource 4316 is a front-gable-style house, constructed circa 1950s. The one-story, frame, single-dwelling building with asbestos shingles is rectangular-shaped and faces north. The house has a composite shingle, front-gable roof with a normal pitch, and a partial gable porch with square wooden columns and railings. The windows are one over one, and the foundation is concrete block piers. Figure 24 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4316 not eligible for the NRHP.

Resource 4317 (2027 Hugo Ave.). Resource 4317 is a front-gable house, constructed circa 1950s. The one-story, frame, single-dwelling building with asbestos shingles is rectangular-shaped and faces north. The house has a tin, front-gable roof with a normal pitch and a secondary extended roof, and a partial hip porch with square wooden columns and railings. The windows are two over two, the door is unglazed panel, and the foundation is not visible. Figure 25 (top) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4317 not eligible for the NRHP.

Resource 4318 (2028 Hugo Ave.). Resource 4318 is a front-gable house, constructed circa 1950s. The one-story, frame, multi-dwelling building with shiplap is rectangular-shaped and faces south. The resource has a tin, front-gable roof with a low pitch and a full hip porch with square wooden columns and railings. The windows are one over one, the doors are unglazed panel, and the foundation is concrete blocks. Figure 25 (bottom) provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4318 not eligible for the NRHP.



Figure 24. Resource 4315 (top) and 4316 (bottom).



Figure 25. Resource 4317 (top) and 4318 (bottom).

Resource 4319 (2228 Meeting St.). Resource 4319 is a Craftsman-style house, constructed circa 1930s. The two-story, frame, single-dwelling building with synthetic siding is rectangular-shaped and faces southwest. The house has a composite shingle, gable roof with a normal pitch, a brick chimney located on the ridge, and exposed rafter ends. The resource has a full gable porch with brick columns and cast iron railings six over six windows, and a brick pier foundation. Figure 26 provides a view of the resource. The house is a common architectural style in the state and does not possess any unique characteristic that would make it eligible; therefore, we recommend Resource 4319 not eligible for the NRHP.



Figure 26. Resource 4319.

Archaeological Literature Review and Assessment

The alternate routes of the proposed access road for the SC SPA's proposed CNC MTC all pass through lands that are recently made or have witnessed extensive and changing use in the twentieth century. There has been only one terrestrial archaeological investigation in the immediate vicinity, Shmookler's (1995) assessment of the archaeological potential of the CNC. We intended

to employ models of site location developed for the Coastal Plain of South Carolina to assess the potential for archaeological sites to exist within each alternate route. However, all of these models employ soil type as a primary component of the model. This portion of Charleston County is unmapped by the U.S. Department of Agriculture's Natural Resources Conservation Service (Miller 1971:Plates 43-44). Therefore, we relied on the results of past surveys and assessments and a visual inspection of each of the alternate routes.

The only previous archaeological investigation concerning the vicinity of the alternate routes of the proposed access road is Shmookler's (1995) assessment of the archaeological potential of the CNC. Figure 1 shows the area considered by Shmookler (1995) and its relationship to the alternate routes. Since nearly all of the southern portion of the CNC lies on marsh filled since World War II with military construction covering much of it, Shmookler (1995) determined that there was little or no potential for intact archaeological deposits to exist in this portion of the CNC. Thus, there is little potential for the portions of the alternate routes that lie within the CNC east and north of Shipyard Creek to contain intact archaeological deposits. A visual inspection of this portion of the alternate routes by Dr. Eric Poplin revealed extensive disturbance due to military construction, demolition, and adaptive reuse of former military facilities. Even lands immediately adjacent to Shipyard Creek appear to be modified and covered with fill.

As one travels west across the peninsula between the Cooper and Ashley rivers to I-26, almost all of the land is covered in twentieth century residential or industrial developments. These developments provide little opportunity for the preservation of archaeological deposits from early occupations. Twentieth century occupations also provide little opportunity for the recovery of information through archaeological investigations that cannot be gathered from other research approaches. Areas where there are no buildings or facilities are currently used for the storage of containers, with extensive fills and modifications to facilitate their use during all weather conditions. Many of these areas still display evidence of standing water, suggesting that there are poorly drained soils underlying most of this portion of the Charleston peninsula. Such areas contain few archaeological sites in other portions of the region.

Given that the alternate routes of the proposed access road all cross recently made lands or areas that are heavily developed, we recommend that there is little or no potential for intact archaeological deposits to exist within any of the alternate routes. None of these corridors warrants further archaeological investigation.

Summary and Management Recommendations

Brockington and Associates, Inc., undertook cultural resources investigations in support of the proposed access road alternate alignments for South Carolina State Ports Authority's Charleston Naval Center (CNC) Marine Container Terminal, Charleston County, South Carolina, in January 2006. The present investigations involved an intensive architectural survey and archaeological literature review of all six alternates. The Area of Potential Effect (APE) for each alternate alignment extends 200 feet to each side of the centerline as currently shown in the Draft Environmental Impact Statement (DEIS), creating a 400-foot-wide APE for each alternate alignment.

The Architectural Historian identified 39 historic architectural resources (4281-4319) in the architectural survey universe. We recommend three historic architectural resources (4286, 4306, and 4309) eligible for the NRHP. The remaining 36 historic architectural resources are recommended not eligible for the NRHP. None of the eligible resources will be impacted by the construction. The Senior Archaeologist also reviewed archaeological literature of all six alternates to determine the potential for archaeological sites to exist along each alternate alignment, the potential effects of the construction, and the use of each alternate alignment on historic properties. Given that the alternate routes of the proposed access road all cross recently made lands or areas that are heavily developed, we recommend that there is little or no potential for intact archaeological deposits to exist within any of the alternate routes. None of these corridors warrants further archaeological investigation.

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Appendix P
State Historic Preservation Office (SHPO)
Concurrence Letter

JUL - 6 2006

June 30, 2006

Mr. Nathaniel Ball
Project Manager
USACE—Regulatory Division
69A Hagood Ave.
Charleston, SC 29403-5107

Re: Charleston Naval Complex Marine Container Terminal
Charleston County, South Carolina
P/N #2003-1T-016-P-C
P/N #2005-1N-440-P-C

Dear Mr. Ball:

We received a summary of the cultural resources investigations for the Charleston Naval Complex Marine Container Terminal from Brockington and Associates on June 28. The letter summarizes the results from an architectural assessment of two Cold War-era properties near the proposed terminal, the results of an underwater archaeological survey, and the results of cultural resources investigations for the proposed access highways from I-26 to the terminal.

Our office concurs that the proposed Marine Container Terminal will have **no effect** on properties listed in or eligible for listing in the National Register of Historic Places. We appreciate the close consultation with our office on this project.

These comments are provided as evidence of your consultation with the State Historic Preservation Office pursuant to Section 106 of the National Historic Preservation Act, as amended. If you have questions, please contact me at (803) 896-6169 or dobrasko@scdah.state.sc.us.

Sincerely,

Rebekah Dobrasko

Rebekah Dobrasko
Review and Compliance Coordinator
State Historic Preservation Office

cc: Eric Poplin, Brockington and Associates

South Carolina Archives History Center
History & Heritage For All Generations

May 13, 2006

Mr. Edward Salo
Brockington and Associates
1051 Johnnie Dodds Blvd., Suite F
Mt. Pleasant, SC 29464

Re: *Cultural Resources Survey of the Proposed Access Road Alternate Alignments, South Carolina State Ports Authority's Charleston Naval Center Marine Container Terminal Project, Charleston County, South Carolina*, draft report

Dear Mr. Salo:

Thank you for your letter and three copies of the above-referenced report, which we received on April 18. On April 24, we received a letter addendum to the report with the results of a cultural resources survey of an additional alternate access road. These reports are components of assessing the impacts on cultural resources for the Charleston Naval Center Marine Container Terminal project.

We concur with your assessment that architectural sites 4286, 4306, and 4309 are **eligible** for listing in the National Register of Historic Places. Based on the maps provided in the report, it appears that a proposed route could be adjacent to sites 4306 and 4309. We encourage the selection of an alternate access road. We concur that sites 4281-4285, 4287-4305, 4307, 4308, and 4310-4319 are **not eligible** for the National Register.

We also concur with the recommendation that the proposed access roads have little to no potential to intact archaeological deposits and do not warrant further archaeological investigation. However, the report does state that an intensive archaeological survey will be conducted once the preferred access road alignment is chosen.

We also note that, on page 36, the Five Mile Viaduct is indicated as listed in the National Register. The Viaduct is only eligible for the National Register.

These comments are provided as evidence of the ongoing consultation process on the Marine Container Terminal pursuant to Section 106 of the National Historic Preservation Act, as amended. If you have questions, please contact me at (803) 896-6169 or dobrasko@scdah.state.sc.us.

Sincerely,
Rebekah Dobrasko

Rebekah Dobrasko
Review and Compliance Coordinator
State Historic Preservation Office

cc: Nat Ball, USACE

South Carolina
Department of Transportation

December 12, 2012

Electronic Correspondence: You are receiving this document in electronic format in an effort to save resources and expedite delivery.

Re: Environmental Assessment for the Interstate 26 and Port Access Road Interchange Project in Charleston County, SC PIN: 37345; File: 10.037345A; Project No: GEN8

Dear Sir or Madam:

The South Carolina Department of Transportation (SCDOT) proposes to reconstruct the Interstate 26 (I-26) interchange at Exit 218 to implement a new, fully directional, T-interchange with the Port Access Road, located in Charleston County, South Carolina. The project area is limited to the interchange footprint (see attached map).

Based on previous studies, the purpose of the project is to provide direct access between the Port Access Road and proposed marine container terminal location and the Interstate System, while maintaining adequate service for local, commuter, and commercial traffic.

The purpose of this letter is to solicit comments and initiate interagency coordination to help identify and evaluate the environmental impacts associated with the construction of the project. The project will be developed in accordance with the regulations of the National Environmental Policy Act (NEPA).

To ensure that issues of the proposed project are fully evaluated, the SCDOT requests that you respond in writing concerning any beneficial or adverse impacts of the project relating to the interest of your agency. The SCDOT looks forward to receiving your comments on the project within 30 days of the receipt of this letter. Comments should be addressed to the address below or you may send them via electronic reply to longcc@scdot.org.

Mr. Chad C. Long
Environmental Project Manager
South Carolina Department of Transportation
P.O. Box 191
Columbia, South Carolina 29202-0191

Your expeditious handling of this notice will be appreciated. If you have any questions or need additional information concerning this project, please contact me at (803) 737-1396.

Sincerely,

Chad C. Long
Environmental Project Manager

CCL:jlp
cc: David Kinard, P.E., SCDOT Program Manager
Jennifer Pearson, CDM Smith
File:ENV/cl
attachment

South Carolina Department of
Natural Resources

PO Box 12559
Charleston, SC 29422
843.953.9003 Office
843.953.9399 Fax
Daviss@dnr.sc.gov

Alvin A. Taylor
Director
Robert D. Perry
Director, Office of
Environmental Programs

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DEC 20 2012

Environmental Management
SCDOT

December 17, 2012

Mr. Chad Long
Environmental Project Manager
SCDOT
P.O. Box 191
Columbia, SC 29202-0191

Re: Environmental Assessment for the Interstate 26 and Port Access Road Interchange Project in Charleston County

Dear Mr. Long:

Personnel from the South Carolina Department of Natural Resources have reviewed the proposal to reconstruct the Interstate 26 Interchange at Exit 218 and offer the following comments.

Based on the limited information provided about the proposed project, we are unable to provide any specific comments on potential impacts to natural resources at this time. We would, however, like to express some general comments regarding highway improvement projects. As you are well aware, coastal South Carolina contains extensive acreage of both salt and freshwater wetlands. Wetland areas provide valuable habitat for fish and wildlife and are essential in maintaining water quality in adjoining water bodies. Careful consideration should be given to avoiding wetland impacts whenever possible and minimizing unavoidable impacts to the maximum extent possible.

Means for avoiding and minimizing wetland impacts should be incorporated early on in the planning and design stages and should include such things as bridging and culverting wetland crossings, reduced median and shoulder widths, and the use of top down construction methods. Mitigation for unavoidable wetland impacts should be addressed in the planning and environmental review stages of the project and should focus on the in-kind replacement of lost wetland functions. An environmental review process should also consider potential impacts to threatened and endangered species. Information concerning known populations of federal and/or state endangered or threatened species and other sensitive species can be obtained by contacting S.C. Department of Natural Resources staff within the Wildlife Diversity Section, Columbia, S.C. 29202, (803) 734-3917.

We ask that you consider the above outlined issues in the preparation of an Environmental Assessment for this project. Please contact us for further comment when additional information becomes available.

Sincerely,

Susan F. Davis
Coastal Environmental Coordinator

BOARD:
Allen Amsler
Chairman

Mark S. Lutz
Vice Chairman

D H E C

PROMOTE PROTECT PROSPER

Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

BOARD:
R. Kenyon Wells

L. Clarence Batts, Jr.

Ann B. Kirol, DDS

John O. Hutto, Sr., MD

December 17, 2012

Mr. Chad Long
Environmental Project Manager
South Carolina Department of Transportation
Environmental Management Office
Post Office Box 191
Columbia, SC 29202-0191

Re: Environmental Assessment for the Interstate 26 and Port Access Road Interchange Project in Charleston County, SC

Dear Mr. Long:

We received a letter of intent on December 12, 2012, concerning the Interstate 26 and Port Access Road interchange project in Charleston County, SC. *Based on the information provided in the Environmental Assessment, I am responding on behalf of the South Carolina Department of Health and Environmental Control, Bureau of Air Quality (Bureau).*

The Bureau is tasked with implementing the Federal Clean Air Act (1990, as amended) in the State of South Carolina. The Bureau is required to ensure compliance with the National Ambient Air Quality Standards (NAAQS) for criteria pollutants. Currently two criteria pollutants are of particular concern in South Carolina:

- **Ozone** – The 2008 8-hour ozone standards (primary and secondary) are currently set at 0.075 parts per million (ppm). The area represented in this proposal is meeting the 2008 ozone standards.

- **Particulate Matter 2.5** (Particulates 2.5 microns in size and smaller) – The 2012 standard for maximum daily concentration is set at 35 micrograms per cubic meter. The 2006 standard for the maximum annual concentration is set at 12 micrograms per cubic meter. The area represented in this proposal is meeting the 2012 particulate matter 2.5 standards.

Presently only the eastern portion of York County has been designated nonattainment for the 2008 8-hour ozone NAAQS. For more information on which areas have been designated nonattainment, please visit http://www.epa.gov/oar/oaqps/greenbk. If a project is located in a nonattainment area, it may be subject to prescriptive requirements such as Transportation Conformity or air quality modeling.

An asbestos survey and project license may be required prior to any demolition activities such as deconstruction of a building or removal of structures in the right-of-way of a road project. If you have any questions regarding asbestos regulatory applicability you may contact Robin Mack (with the Bureau's Asbestos Section) at (803) 898-4270 or mackrs@dhec.sc.gov.

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov

All necessary environmental permits for the subject project must be obtained in accordance with applicable State and Federal regulations. If you have not already done so, please contact the Bureau of Water at (803) 898-4300 and the Bureau of Land and Waste Management at (803) 896-4000 for input regarding those program areas' assessments of this proposed project.

Emissions from construction equipment are regulated by federal standards. The Bureau would like to offer the following suggestions on how this project can do more to help us stay in compliance with the NAAQS. More importantly, these strategies are beneficial to the health of citizens of South Carolina.

- Utilize alternatively fueled equipment.
- Utilize emission controls applicable to your equipment.
- Reduce idling time on equipment.
- Fugitive dust emissions should be minimized through good operating practices.

The Bureau can provide model clean construction contract language. A vendor may need to retrofit, repower or replace older and more polluting diesel construction equipment in order to satisfy clean construction requirements. These types of projects can be financed with Congestion Mitigation and Air Quality (CMAQ) funds, and are in fact a high priority for CMAQ funding. Please contact our office if assistance is needed.

Thank you for the opportunity to comment on this project. Should you have any further questions or comments concerning this matter, please do not hesitate to contact me at (803) 898-4122 or at robertln@dhec.sc.gov.

Sincerely,

L. Nelson Roberts, Jr., Manager
Air Quality Standards and Assessment Section
SCDHEC Bureau of Air Quality

ec: Wendy Boswell, Region 7 EQC Office, boswelwm@dhec.sc.gov

January 3, 2013

RECEIVED

JAN - 7 2013

Environmental Management
SCDOT

Mr. Chad Long
Environmental Project Manager
SC DOT
955 Park St.
Columbia, SC 29201

Re: I-26 and Port Access Road Interchange Project
Charleston County, South Carolina
PIN: 37345; SHPO Project No. 12-RD0364

Dear Mr. Long:

Our office has received the scoping letter dated December 12 that you submitted as part of your agency's National Environmental Policy Act (NEPA) process for the project referenced above. This letter is for preliminary, informational purposes only and does not constitute consultation or agency coordination with our office as defined in 36 CFR 800: "Protection of Historic Properties" or by any state regulatory process. If the South Carolina Department of Transportation chooses to substitute the NEPA process for the process outlined in Section 106 of the National Historic Preservation Act, your agency must notify our office of the proposed substitution.

Our office maintains several resources for identifying historic properties. ArchSite is an online Geographic Information System (GIS) mapping program that includes all known historic and archaeological sites in South Carolina. Information on ArchSite can be found here: http://archsite.cas.sc.edu/ArchSite/. A list of properties listed in the National Register of Historic Places can be found here: http://www.nationalregister.sc.gov/nrlinks.htm. Additional historic contexts, survey reports, and related historic property documents can be found here: http://shpo.sc.gov/research/Pages/conreps.aspx. These sources should assist your agency in identifying historic properties for NEPA scoping.

The State Historic Preservation Office will provide comments regarding historic and archaeological resources and effects to them once the federal or state agency initiates consultation. Project Review Forms and additional guidance regarding our office's role in the compliance process and historic preservation can be found on our website at: http://shpo.sc.gov/programs/revcomp.

If you have any questions, please contact me at (803) 896-6183 or at dobrasko@scdah.state.sc.us.

Sincerely,

Rebekah Dobrasko

Rebekah Dobrasko
Supervisor of Compliance, Tax Incentives, and Survey
State Historic Preservation Office

JOSEPH P. RILEY, JR.
MAYOR

City of Charleston

South Carolina

Department of Traffic & Transportation

HERNAN E. PEÑA, JR.
DIRECTOR

January 8, 2013

RECEIVED
JAN 14 2013
Environmental Management
SCDOT

Mr. Chad C. Long
Environmental Project Manager
South Carolina Department of Transportation
P. O. Box 191
Columbia, SC 29202-0191

Dear Mr. Long:

Thank you very much for your letter to Mayor Riley dated December 12, 2012 requesting comments from the City of Charleston in connection with the interchange improvements at I-26 Exit 218. In order to better understand the impacts of this work, we would appreciate meeting with you or your representative in the near future so that we can have the benefit of the specifics of the project with maps and aerial information. I would like to get our Planning Department representative involved as well for their input. Please contact me so that we can arrange for a date and time to have this meeting.

Thank you very much for including us in the process.

Sincerely,

Hernan E. Peña, Jr.
Director

HEP, Jr.:jc

cc: Michael Mathis
David Kinard

180 Lockwood Boulevard, Suite C • Charleston, S.C. 29403-5121 • Tel: (843) 973-7288 • Fax: (843) 722-5956

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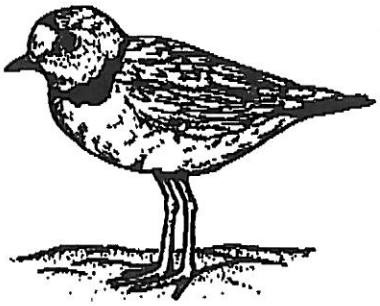
FAX TRANSMITTAL SHEET

U.S. Fish and Wildlife Service
Ecological Services
Charleston Field Office
176 Croghan Spur Road, Suite 200
Charleston, SC 29407

Phone: (843)727-4707
Fax: (843)727-4218



Piping Plover ~ Charadrius melodus

To: Chad Long

From: Mark Caldwell

Date: 1/14 Time: 2:40

No. of Pages (including cover page): 3

Comments:

Our mission is working with others to conserve, protect, and enhance fish, wildlife, and plants and their habitats for the continuing benefit of the American people.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
176 Croghan Spur Road, Suite 200
Charleston, South Carolina 29407

January 14, 2013

Mr. Chad C. Long
Environmental Project Manager
South Carolina Department of Transportation
P.O. Box 191
Columbia, SC 29202-0191

Re: Environmental Assessment for Interstate 26 and Port Access Road Interchange
Charleston County, South Carolina
FWS Log No. 2013-CPA-0043

Dear Mr. Long:

The U.S. Fish and Wildlife Service (Service) has reviewed the December 12, 2012, information associated with the above-referenced project. The South Carolina Department of Transportation proposes to reconstruct the Interstate 26 interchange at Exit 218 to implement a fully directional T-interchange with the Port Access Road located in Charleston County, South Carolina. The project area, as shown on the provided map, is limited to the interchange footprint. The purpose of the project is to provide direct access between the Port Access Road and the proposed marine container terminal location and the Interstate System while maintaining adequate service for local, commuter, and commercial traffic.

You have requested that the Service provide comments concerning potential impacts to fish and wildlife resources to help identify and evaluate environmental impacts associated with project construction. The Service recommends that the following concerns and recommendations be taken into consideration during development of the project.

- Identify and avoid impacts to any potential wood stork foraging or roosting habitat, as well as all other habitats utilized by migratory bird species located in or within close proximity to the project area.

- Identify potential sources of contaminants and avoid the re-suspension and/or introduction of any new, existing, or historical contaminants into aquatic or terrestrial environments.

- Avoid and minimize impacts to any freshwater and/or estuarine wetlands and waterways in or within close proximity to the project area to the maximum extent practicable.

- Adequate and appropriate compensatory mitigation must be provided for all unavoidable temporary and permanent impacts.

- Avoid the degradation of existing water quality in nearby aquatic habitats or waterways subject to receiving project related runoff during construction as well as post construction, with consideration given to the overall increase in runoff resulting from the addition of new roads.

The Service appreciates the opportunity to review and provide comments on the submitted proposal. If you should need further assistance, please contact Mr. Mark Leao at (843) 727-4707 ext. 228 and reference FWS Log No. 2013-CPA-0043.

Sincerely,

for Jay B. Herrington
Field Supervisor

JBH/MCL

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Mark S. Lutz
Vice Chairman

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Catherine B. Templeton, Director

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DEC 17 2012

Environmental Management
SCDOT

December 13, 2012

S. C. Department of Transportation
Attn: Mr. Chad C. Long, Environmental Project Manager
Environmental Management Office
P.O. Box 191
Columbia, SC 29202-0191

Re: Environmental Assessment for the Interstate 26 and Port Access Road interchange project in Charleston County.
PIN: 37345

Dear Chad Long:

The South Carolina Department of Health and Environmental Control (SCDHEC) is providing comments regarding potential environmental impacts of the above project, as requested in your letter dated December 12, 2012. As you are aware, SCDHEC's Bureau of Water administers applicable regulations pertaining to water quality standards and classifications, including wetland protection, in accordance with the South Carolina Pollution Control Act, the Federal Clean Water Act, the State Stormwater Management and Sediment Reduction Act, Construction in Navigable Waters Permitting, and associated regulations for all of these statutes.

The following comments are provided as input concerning environmental impacts of the proposed SCDOT project to aid in the preparation of an Environmental Assessment in accordance with regulations of the Federal Highway Administration (FHWA) and National Environmental Policy Act (NEPA).

The project would reconstruct the Interstate 26 (I-26) interchange at Exit 218 to implement a new, fully directional, "T"-interchange with the Port Access Road, located in Charleston County. The purpose of the project is to provide direct access between the Port Access road and propos marine container terminal location and the Interstate System, while maintaining adequate service for local, commuter and commercial traffic.

The information provided did not indicate if any jurisdictional stream or wetland impacts will result from the proposed work. Therefore, a delineation will be needed to identify any jurisdictional aquatic impacts resulting from the project based on a final design. If impacts to aquatic resources will result from the proposed project, SCDHEC recommends efforts are made to minimize such impacts when planning and constructing this project. Such efforts could include enlarging or adding to existing culverts to accommodate bank-full rain events, improve hydrologic flows and aquatic life passage. In addition, reducing road widths by utilizing 2:1 slopes and/or reducing median widths or shifting alignments in sensitive areas may minimize aquatic impacts. Finally, the use of best management practices to minimize sediment migration during construction, as well as other post construction stormwater management practices, will minimize water quality impacts.

SCDHEC will review any additional information provided in the Environmental Assessment, including a thorough description (and quantification) of the stream and wetland resources that will potentially be impacted by the proposed project, if applicable. The environemental document will

also include an alternatives analysis, which addresses stream and wetland impact avoidance and minimization, in addition to other factors. The above information will be useful in making a decision regarding 401 Water Quality Certification (Certification) administered by SCDHEC's Division of Water Quality. If required, the Certification may be conditioned to address specific modifications and measures that would be required to further reduce wetland and water quality impacts after a review of detailed project drawings. Also, a final mitigation plan addressing unavoidable wetland/stream impacts must be reviewed and approved by SCDHEC during the certification process.

In addition to the aforementioned Certification, the proposed work must be in compliance with State Sediment and Erosion Control and NPDES MS4 stormwater permitting requirements administered by the Bureau of Water.

Finally, please ensure that all other necessary environmental permits for this project are obtained in accordance with applicable State and Federal regulations. If you have not done so already, please contact the Bureau of Air Quality and the Bureau of Land and Waste Management for input regarding those program areas' assessments of this proposed project.

Please call me at 898-4179 if you have any questions.

Sincerely yours,

Mark Giffin, Project Manager
Water Quality Certification and Wetlands Section

cc: Heather Preston
Chuck Hightower
Jill Stewart
EQC Region 7

Hadley, Karen

From: Long, Chad C. [LongCC@dot.state.sc.us]
Sent: Thursday, January 24, 2013 9:46 AM
To: Hadley, Karen
Subject: FW: Letter of Intent for I-26 Port Access Road Interchange project Charleston County

-----Original Message-----
From: Long, Chad C.
Sent: Thursday, December 13, 2012 10:23 AM
To: Hadley, Karen (hadleykl@cdmsmith.com)
Subject: FW: Letter of Intent for I-26 Port Access Road Interchange project Charleston County

-----Original Message-----
From: Levinson, Nicole A.
Sent: Thursday, December 13, 2012 9:45 AM
To: Long, Chad C.
Subject: FW: Letter of Intent for I-26 Port Access Road Interchange project Charleston County

-----Original Message-----
From: Brodie.E.Rich@uscg.mil [mailto:Brodie.E.Rich@uscg.mil]
Sent: Thursday, December 13, 2012 9:23 AM
To: Levinson, Nicole A.
Subject: RE: Letter of Intent for I-26 Port Access Road Interchange project Charleston County

Good Morning Ms. Levinson,

I have reviewed the Study Area for this proposed I-26 interchange project and have determined that there are no navigable waterways within the limits of the study corridor. Therefore, Coast Guard bridge permits will not be required and we will not have any involvement in this project for bridge permitting purposes. This does not relieve you of the obligations or responsibilities for compliance with the provisions of any other law or regulation under the jurisdiction of any other federal, state or local authority having cognizance of any aspect of the proposed project. Thank you for allowing us the opportunity to review and comment on this proposed project study area.

Brodie E. Rich
Federal Permitting Agent
Coast Guard Bridge Branch
Seventh Coast Guard District
Miami, FL
PH: (305)415-6736

-----Original Message-----
From: LevinsonNA@dot.state.sc.us [mailto:LevinsonNA@dot.state.sc.us]
Sent: Wednesday, December 12, 2012 11:57 AM
To: mcconney.ramona@epa.gov; lord.bob@epa.gov; elizabeth.williams@usace.army.mil; stephen.a.brumagin@usace.army.mil; Larry.Knightner@hud.gov; MixonG@dnr.sc.gov; emjohnson@scdah.state.sc.us; leader@sc.edu; daviss@dnr.sc.gov; PerryB@dnr.sc.gov; prestohs@dhec.sc.gov; wilsonde@dhec.sc.gov; giffinma@dhec.sc.gov; reecemc@dhec.sc.gov;

neeldg@dhec.sc.gov; sirondl@dhec.sc.gov; hathcoam@dhec.sc.gov; brownrj@dhec.sc.gov; shealyrg@dhec.sc.gov; vlewis@scprt.com; ralph@schac.sc.gov; bhitt@sccommerce.com; krike@scda.sc.gov; banderson@budget.sc.gov; ben@scwf.org; gsabin@forestry.state.sc.us; cbailey@forestry.state.sc.us; Lee, Robert L (Bob) - FHWA; wenonahh@ccppcrafts.com; kurt.henning@sierraclub.org; mrobertson@tnc.org; Overton, Randall; Rich, Brodie; russtown@nc-cherokee.com; lstopp@unitedkeetoowahband.org; eharm@scprt.com; jack@tillersantiques.com; andrea.marks@sierraclub.org; Rozier, Jim; Rearden, Harrison; charleston_regulatory@fws.gov; ChipCampsen@scsenate.gov; RayCleary@scsenate.gov; RobertFord@scsenate.gov; STransComm@scsenate.gov; PaulThurmond@scsenate.gov; ClementaPinckney@scsenate.gov; SeanBennett@scsenate.gov; RobertBrown@schouse.gov; RobertBrown@schouse.gov; WendellGilliard@schouse.gov; HSpeaker@schouse.gov; JennyHorne@schouse.gov; ChipLimehouse@schouse.gov; DavidMack@schouse.gov; PeterMcCoy@schouse.gov; JimMerrill@schouse.gov; ChrisMurphy@schouse.gov; StephenGoldfinch@schouse.gov; MikeSottile@schouse.gov; LeonStav@schouse.gov; SethWhipper@schouse.gov; sanforcc@dhec.sc.gov; ronm@bcdcog.com
Cc: Pearson, Jennifer L. (pearsonjl@cdmsmith.com); Kinard, David A
Subject: Letter of Intent for I-26 Port Access Road Interchange project Charleston County

In an effort to save resources and expedite delivery you are receiving this document in an electronic format via blind copy. If you still wish to receive a hard copy one can be provided to you upon request.

The South Carolina Department of Transportation (SCDOT) plans to reconstruct the I-26 interchange at Exit 218 to implement a new, fully directional, T-interchange with the Port Access Road in Charleston County, South Carolina. Attached you will find our LOI with a location map. SCDOT looks forward to receiving your comments on the project within 30 days of the receipt of this transmittal.

Please consider the environment before printing.

Thanks!

Nicole Levinson

Assistant NEPA Coordinator (Lowcountry)

Environmental Management

South Carolina Department of Transportation

803-737-0841

LevinsonNA@scdot.org

Hadley, Karen

From: Long, Chad C. [LongCC@dot.state.sc.us]
Sent: Wednesday, January 02, 2013 8:06 AM
To: Pace Wilber <pace.wilber@noaa.gov> (pace.wilber@noaa.gov)
Cc: Jaclyn Daly (Jaclyn.Daly@noaa.gov); Belcher, Jeffery - FHWA; Hadley, Karen
Subject: EFH Assessment Port Access Road Project Charleston County
Attachments: Port Access Road Essential Fish Habitat Evaluation.docx

Pace,

In compliance with the Magnuson Stevens Act, SCDOT is submitting the attached EFH assessment for the Port Access Road project on behalf of the Federal Highway Administration. As outlined in the assessment, there would be no impacts to the essential fish habitat and/or aquatic species managed by the SAFMC. However, if as the project moves forward it becomes apparent that impacts to the salt marsh would result from construction of the interchange, coordination with NOAA would be initiated at that time.

Please let me know if you have any comments by January 17, 2013.

Chad C. Long
SCDOT NEPA Coordinator/Archaeologist
955 Park Street, Room 519
Columbia, South Carolina 29202
803.737.1396

Hadley, Karen

From: Long, Chad C. [LongCC@dot.state.sc.us]
Sent: Friday, March 22, 2013 7:55 AM
To: Hadley, Karen
Subject: Fwd: I-26 and Port Access Road Interchange Project

FYI we now have SHPO THPO concurrence

Begin forwarded message:

From: "Stephens, Sarah A." <sstephens@SCDAH.STATE.SC.US<mailto:sstephens@SCDAH.STATE.SC.US>>
Date: March 22, 2013, 7:37:19 AM EDT
To: "Long, Chad C." <LongCC@dot.state.sc.us<mailto:LongCC@dot.state.sc.us>>
Cc: "Dobrasko, Rebekah" <Dobrasko@SCDAH.STATE.SC.US<mailto:Dobrasko@SCDAH.STATE.SC.US>>
Subject: RE: I-26 and Port Access Road Interchange Project

Chad,
I concur with the recommendation. Rebekah, if you see a problem with this please let me know!

Thanks,
Sarah

-----Original Message-----
From: Long, Chad C. [mailto:LongCC@dot.state.sc.us]
Sent: Wed 3/20/2013 8:22 AM
To: Stephens, Sarah A.
Cc: Dobrasko, Rebekah
Subject: I-26 and Port Access Road Interchange Project

Sarah,

We are completing an Environmental Assessment for the proposed Interstate 26 and Port Access Road Interchange Project in Charleston County. The project was surveyed by Brockington and Associates in 2005 as part of a larger study being conducted for the proposed Marine Container Terminal. The survey reviewed multiple alignments and a relatively large corridor. Within our current project area, the survey identified 2 historic properties (Resources 4306 and 4307-see Figure 11). The current project will involve the removal of existing ramps near these properties and we anticipate no effect.

Brockington's original survey also recommended no archaeological investigations based on the amount of development in the area and previous disturbance. Your office concurred with this recommendation in 2006 (see attached letter).

We recently received a response to an LOI from the SHPO on this project. The response indicated the need for coordination.

The project corridor was surveyed in 2006 as part of the proposed Marine Container Terminal Project. The survey resulted in the identification of two historic properties within the current project's Area of Potential Effects. The proposed project will include the removal of existing ramps near these resources and no effect to historic properties is anticipated. No further archaeological investigations will be conducted due to the amount of previous

Hadley, Karen

From: Long, Chad C. [LongCC@dot.state.sc.us]
Sent: Tuesday, April 09, 2013 9:42 AM
To: Hadley, Karen; Belcher, Jeffery - FHWA
Cc: Kinard, David A
Subject: FW: Port Access Road

See below….Include this in the coordination file

From: Long, Chad C.
Sent: Tuesday, April 09, 2013 9:41 AM
To: 'Jaclyn Daly - NOAA Federal'
Subject: RE: Port Access Road

Jaclyn,

Thanks for the quick response. We will describe the impacts as minimal as opposed to not adverse.

Regards,

Chad

From: Jaclyn Daly - NOAA Federal [mailto:jaclyn.daly@noaa.gov]
Sent: Tuesday, April 09, 2013 8:56 AM
To: Long, Chad C.
Subject: Re: Port Access Road

Hi Chad,
Thanks for checking with me on this. I would agree with the poor quality of the freshwater wetland area that I saw (the area under I-26); however, wouldn't they still be adversely affected by the proposed project? I would reword to something like "it was determined that the freshwater wetland area in the Port Access Road Interchange area were generally of poor quality. Any impacts from the project on this habitat would be minimal. ....or something like that.
-Jaclyn

On Tue, Apr 9, 2013 at 7:34 AM, Long, Chad C. <LongCC@dot.state.sc.us> wrote:

Jaclyn,

I would like to include something in our project file that reflects the discussion we had regarding the wetland areas reviewed during our March 18th field review.

Based on the results of a field review conducted on March 18th by representatives from the SCDOT, FHWA, and NOAA-NMFS, it was determined that the wetland areas in the Port Access Road Interchange area were generally of poor quality and not likely to be adversely affected due to the proposed spanning of these areas.

Please let me know if you concur with this assessment/description.

Thanks,

Chad C Long

SCDOT Archaeologist/NEPA Coordinator

955 Park Street

Columbia, SC 29202

803.737.1396

--
Jaclyn Daly-Fuchs
Fishery Biologist
NOAA's National Marine Fisheries Service
219 Fort Johnson Road
Charleston, SC 29412
(843) 762-8610

http://sero.nmfs.noaa.gov

disturbance within the project corridor. The contract for this project will include a clause for dealing with late discoveries.

Based on our review of the original survey and existing conditions, the Department has determined that no historic properties will be affected by the proposed undertaking.

Please let me know if you concur with this determination or need additional information.

Thanks,

Chad C Long
SCDOT Archaeologist/NEPA Coordinator
955 Park Street
Columbia, SC 29202
803.737.1396