I-526 Mark Clark Expressway
Hazardous Materials/Waste Survey
Technical Report

Prepared for
South Carolina Department of Transportation,
Charleston County, and the Federal Highway Administration

October 2009
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1.0 INTRODUCTION

This report provides an evaluation of recognized environmental conditions (RECs) in connection with the proposed Mark Clark Expressway project in Charleston County, South Carolina, as related to the presence or likely presence of hazardous materials (hazmat) and hazardous waste sites. These conditions may be due to present or prior activities within, or adjacent to the proposed new location alternatives.

The study area generally stretches south from the current terminus of I-526 at U.S. 17 in West Ashley, across the Stono River onto portions of Johns Island, crossing the Stono River again onto portions of James Island, and ending at S.C. 30 (the James Island Connector). (See Figure 1 for a site location map) This study area includes the seven reasonable new location alternatives identified for consideration for this project.

1.1 Purpose

The term "recognized environmental condition" is defined in the American Society for Testing and Materials (ASTM) standards (E 1527-05) as "the presence or likely presence of any hazmat, hazardous waste or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws." However, de minimis conditions that would generally not warrant enforcement action if brought to the attention of appropriate government agencies, or that generally do not present a material risk to the public or the environment, are not considered recognizable environmental conditions.

In the following pages of this report is an assessment of findings and corresponding regulatory data. Site location maps and descriptions of the regulatory databases are also included.

1.2 Terms and Conditions

This report has been prepared for and is intended for the exclusive use of the addressee of this report. Others who use the report do so at their own risk. Wilbur Smith Associates consents that its information and reports may be furnished to, and used by, others participating in the assessment and/or development of the project, but only in the same manner and extent as if such others were the addressees and the Client. The terms, conditions, and limitations of liability contained in the Wilbur Smith Associates/Client Agreement shall apply to others to whom Client furnishes such information and reports.
1.3 Limitations and Exceptions of Assessment

The primary focus of this Hazardous Materials/Waste Survey is related to identification of RECs. Although related records have been reviewed, the scope for this project is not to be construed as an audit for regulatory compliance purposes. Additionally, this assessment is not intended to address possible environmental constraints, which may apply to future development and/or use of the property (for example, development within regulated wetlands or other environmentally-sensitive areas).

Considerations of the potential for radon gas, lead-based paints, lead in drinking water, wetlands, and asbestos were not addressed by this investigation. Similarly, consideration of the potential presence of formaldehyde or other indoor air contaminants was beyond the scope of this assessment. In addition, the study performed by Wilbur Smith Associates (as the environmental professional) did not include a review of recorded land title records for possible environmental liens.

This investigation did not include the placement of soil borings for environmental purposes, installation of groundwater monitor wells, or collection of samples for chemical analyses. The findings have been based on observations of site-specific conditions, our interpretation of site history, and site usage information. However, it is recognized that no environmental assessment can eliminate uncertainty regarding environmental conditions in connection with a property. Therefore, the lack of identification of such concerns should not be construed as a guaranteed absence of such conditions.

1.4 Limiting Conditions and Methodologies Used

All portions of the study area were generally accessible for inspection during the site visits performed in August 2009. In accordance with ASTM Standards for Environmental Site Assessments, the proper minimum search distance of .5 miles from the proposed right of way (ROW) of each alternative was used for the field inspection to identify the presence of any Federal National Priorities List (NPL) sites or Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal Facilities (TSDFs). Located sites were mapped and evaluated with respect to the potential for contamination and proximity to the ROW limits (i.e., alignment footprint). Other types of hazardous materials sites that were mapped and evaluated included infectious waste generators, above- and underground storage tanks, and site generating hazardous waste materials.

2.0 RECORDS REVIEW

Hazmat and hazardous waste sites were inventoried based on a review of federal and state records of regulated sites as noted in Appendix A and the South Carolina Department of Health and Environmental Control’s (DHEC) online Underground Storage Tank Registry.
Environmental Data Resources, Inc. (EDR) was contracted to search the appropriate federal and state databases for sites of potential concern.¹ This review revealed a total of 101 hazmat facilities located within .5 miles of the new location alternatives.

The hazmat facilities located in the study area include hazardous waste that is generally defined as any material that has or will have, when combined with other materials, a deleterious effect on humans or the natural environment. Characterized as reactive, toxic, infectious, flammable, explosive, corrosive, or radioactive, hazardous waste may be solid, sludge, liquid, or gas. Potential hazardous material and waste sites include service stations, landfills, salvage yards, and industrial sites, as well as aboveground and underground storage tanks (ASTs and USTs).

3.0 POTENTIALLY IMPACTED SITES

Geographic Information System (GIS) spatial data layers were overlaid onto existing aerial maps of the I-526 alternatives in order to locate the 101 sites and determine which sites may be affected by each of the alternatives. In addition, the GIS data were compared to data collected during the field survey and a building inventory conducted of the study area. For the Mark Clark Expressway EIS, hazardous materials concerns include previously identified hazardous materials and hazardous waste sites. Additional field investigations would need to be conducted during the design phase and prior to ROW acquisition for sites impacted by the preferred alternative to characterize the extent of possible contamination from all known or suspected sites. Additional field investigations are outside of the scope of this Hazardous Material/Waste Survey.

All hazmat and hazardous waste sites identified within or immediately adjacent to the ROW are assumed to be potentially impacted by the alternatives and are discussed in the following subsection. The other sites of potential concern identified within a half-mile of the ROW of the alternatives, but not within or near the ROW, are not considered to be impacted. Table 1 below provides a summary of the sites within or immediately adjacent to the ROW that may be impacted by each alternative.

¹ EDR Data Map Environmental Atlas, Mark Clark Expressway, Charleston, S.C., Inquiry Number 02525479.1r, June 29, 2009.
Table 1
Potentially Impacted Hazardous Materials Sites by New Location Alternative

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<td>Money Man Pawn Shop (formerly Charleston Ford Tractor)</td>
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<td>1007259979</td>
<td>Port Oil Co. Unit 215</td>
<td>717 Folly Road</td>
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<td>X</td>
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</tr>
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</table>

Table 1 Potentially Impacted Hazardous Materials Sites by New Location Alternative

Eleven potentially impacted sites were identified. The locations of the sites are provided on Figures 2-4, which are focus maps of the site locations relative to the ROW limits.

3.1 Hazmat Facilities

Money Man Pawn Shop (formerly Charleston Ford Tractor) is located at 2097 U.S. 17 and impacted by Alternatives A through G. A release from a UST was confirmed for the site in May 1989. The site received a letter of no further action (NFA) on July 9, 2003. A DHEC NFA letter signifies that no further action will be required and is issued when conditions or remediation has been met. The site also may have two abandoned USTs containing hydrocarbons.

West Ashley Toyota is located at 2100 U.S. 17 and impacted by Alternatives A through G. This site has a RCRA conditionally exempt small quantity generator. No RCRA violations are indicated.

Olmstead Pontiac is located at 2001 U.S. 17 and impacted by Alternatives A through G.
This site is listed as a RCRA non-generator of hazardous waste with no violations indicated. Addresses in this area have changed and the listed address for this site is no longer valid. The property is now owned by SCDOT.

**Homequarters Warehouse (formerly Parker Motors Inc.)** is located at 2000 U.S. 17 and impacted by Alternatives A through G. A release from a UST was reported in December 1991 and confirmed for the site in March 1992. An NFA letter was not reported. The site also had four abandoned USTs, two reportedly held gasoline and two held waste oil. These were reported as removed on June 15, 1992. Addresses in this area have changed and the listed address for this site is no longer valid. The property is now owned by SCDOT.

**Westside Volkswagen** is located at 1980 U.S. 17 and impacted by Alternatives A through G. A release from a UST was confirmed for the site in June 1993. The site received a NFA letter on June 14, 1994. Addresses in this area have changed and the listed address for this site is no longer valid.

**Glidden Dulux Paints** is located at 2020 U.S. 17 and impacted by Alternatives A through G. A release from a UST was confirmed for the site in September 1995. The tank was reported as removed December 15, 1995. No further information was available.

**Triangle Lanes Bowling (formerly a Gulf Service Station)** is located at 1963 U.S. 17 and impacted by Alternatives A through G. This site is reported to have two USTs; however, since the site predates 1974 then the status of those USTs is not available on federal or state databases.

**Charleston Mitsubishi** is located at 1968 U.S. 17 and impacted by Alternatives A through G. This site has a RCRA conditionally exempt small quantity generator. No RCRA violations are indicated.

**Koger Hardware** is located at 2052 River Road and impacted by Alternative D. A release from a UST was confirmed for the site in April 1996. The site received a NFA letter on March 11, 1999. The site also may have three abandoned USTs, one containing kerosene and two containing hydrocarbons.

**Port Oil Co. Unit 215** is located at 717 Folly Road and impacted by Alternatives A through E. A release from a UST was confirmed for the site in April 1987. The site received a NFA letter on July 28, 2004. The site also may have three abandoned USTs containing gasoline.

**Sunoco #2633** is located at 737 Folly Road and impacted by Alternatives A through E. This site has had two UST releases. The first release was confirmed in January 1993 with a NFA letter issued on January 12, 1993. The second release was confirmed in January 2004 with a NFA letter issued on February 26, 2009. This is an active gas station with five USTs containing gasoline, diesel, and kerosene.
FIGURE 2
IMPACTED HAZMAT FACILITIES ON U.S. 17
ALTERNATIVE D

2052 RIVER ROAD

ALTERNATIVE B

FIGURE 3
IMPACTED HAZMAT FACILITIES ON RIVER ROAD

Legend
- Railroad
- Freeway/Expressway
- Primary Highway
- State/County Road

Study Area

0 0.05 0.1 Miles
FIGURE 4
IMPACTED HAZMAT FACILITIES ON FOLLY ROAD
4.0 SUMMARY

This report presents a review of the presence of documented hazardous material sites within the project study area. Eleven hazardous material sites were found within or adjacent to the seven reasonable new location alternatives. Alternative D impacts the highest number (11) of hazardous material sites. Alternatives A, B, C, and E are the next highest at 10 and Alternatives F and G impact the fewest sites (8). Any properties partially or wholly acquired for this project or sites where project construction would occur may require further inspection and assessment.
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.

**FEDERAL RECORDS**

**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: 02/02/2009 | Source: EPA |
| Date Data Arrived at EDR: 02/12/2009 | Telephone: N/A |
| Date Made Active in Reports: 03/30/2009 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 07/27/2009 |

**NPL Site Boundaries**

Sources:

- EPA’s Environmental Photographic Interpretation Center (EPIC)
  Telephone: 202-564-7333

- EPA Region 1
  Telephone 617-918-1143

- EPA Region 3
  Telephone 215-814-5418

- EPA Region 4
  Telephone 404-562-8033

- EPA Region 5
  Telephone 312-886-6686

- 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: 04/23/2009 | Source: EPA |
| Date Data Arrived at EDR: 04/28/2009 | Telephone: N/A |
| Date Made Active in Reports: 05/19/2009 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 07/27/2009 |

**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: 02/02/2009 | Source: EPA |
| Date Data Arrived at EDR: 02/12/2009 | Telephone: N/A |
| Date Made Active in Reports: 03/30/2009 | Last EDR Contact: 04/20/2009 |
| Number of Days to Update: 46 | Next Scheduled EDR Contact: 07/27/2009 |

| 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.

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.

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.

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.

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

RCRA-TSDF: RCRA - Transporters, 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.
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: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118  
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: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118  
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: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118  
Data Release Frequency: Varies

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: 11/12/2008  
Date Data Arrived at EDR: 11/18/2008  
Date Made Active in Reports: 03/16/2009  
Number of Days to Update: 118  
Data Release Frequency: Varies
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: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
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: 03/31/2009
Date Data Arrived at EDR: 04/22/2009
Date Made Active in Reports: 05/05/2009
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/29/2009
Next Scheduled EDR Contact: 09/28/2009
Data Release Frequency: Varies

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: 12/31/2008
Date Data Arrived at EDR: 01/30/2009
Date Made Active in Reports: 05/19/2009
Number of Days to Update: 109
Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 05/12/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/31/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 43
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/16/2009
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data
Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72
Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/27/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

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.
### 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.

### 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.

### 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.

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

### 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.
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.

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.

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.

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.

MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes
violation information.

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.
### TSCA: 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.

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### FTTS: FIFRA/TSCA Tracking System

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.

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### FTTS INSPI: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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### 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.

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### HIST FTTS INSPI: 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.
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.

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.

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.

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.

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.
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).

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.

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.

STATE AND LOCAL RECORDS

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING
ALL SITES: 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: 10/13/2008
Date Data Arrived at EDR: 10/14/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 36
Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 05/12/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Quarterly

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: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Annually

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: 04/07/2009
Date Data Arrived at EDR: 04/07/2009
Date Made Active in Reports: 05/06/2009
Number of Days to Update: 29
Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 04/07/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Varies

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: 04/08/2009
Date Data Arrived at EDR: 04/09/2009
Date Made Active in Reports: 05/06/2009
Number of Days to Update: 27
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: 04/07/2009
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Varies

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: 03/06/2009
Date Data Arrived at EDR: 03/06/2009
Date Made Active in Reports: 05/06/2009
Number of Days to Update: 61
Source: Department of Health and Environmental Control
Telephone: 803-898-4350
Last EDR Contact: 05/18/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

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.
### AST: Aboveground Storage Tank List
Registered Aboveground Storage Tanks.

| Date of Government Version: 03/25/2004 | Source: Department of Health and Environmental Control |
| Date Data Arrived at EDR: 08/04/2004 | Telephone: 803-898-4350 |
| Date Made Active in Reports: 09/23/2004 | Last EDR Contact: 06/22/2009 |
| Number of Days to Update: 50 | Next Scheduled EDR Contact: 09/21/2009 |
| Data Release Frequency: Varies | |

### SPILLS: Spill List
Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

| Date of Government Version: 04/21/2009 | Source: Department of Health and Environmental Control |
| Date Data Arrived at EDR: 04/23/2009 | Telephone: 803-898-4111 |
| Date Made Active in Reports: 05/06/2009 | Last EDR Contact: 06/22/2009 |
| Number of Days to Update: 13 | Next Scheduled EDR Contact: 09/21/2009 |
| Data Release Frequency: Varies | |

### AUL: Land Use Controls
The term Land Use Controls or "LUCs" encompass institutional controls, such as those involved in real estate interests, governmental permitting, zoning, public advisories, deed notices, and other legal restrictions. The term also includes restrictions on access, whether achieved by means of engineered barriers (e.g., fence or concrete pad) or by human means (e.g., the presence of security guards). Additionally, the term includes both affirmative measures to achieve the desired restrictions (e.g., night lighting of an area) and prohibitive directives (e.g., restrictions on certain types of wells for the duration of the corrective action). Considered altogether, the LUCs for a facility will provide a tool for how the property should be used in order to maintain the level of protectiveness that one or more corrective actions were designed to achieve.

| Date of Government Version: 10/13/2008 | Source: Department of Health & Environmental Control |
| Date Data Arrived at EDR: 10/14/2008 | Telephone: 803-896-4049 |
| Date Made Active in Reports: 11/19/2008 | Last EDR Contact: 05/12/2009 |
| Number of Days to Update: 36 | Next Scheduled EDR Contact: 07/06/2009 |
| Data Release Frequency: Varies | |

### 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: 04/07/2009 | Source: Department of Health and Environmental Control |
| Date Data Arrived at EDR: 04/07/2009 | Telephone: 803-896-4049 |
| Date Made Active in Reports: 05/06/2009 | Last EDR Contact: 04/07/2009 |
| Number of Days to Update: 29 | Next Scheduled EDR Contact: 07/06/2009 |
| Data Release Frequency: Varies | |

### DRYCLEANERS: Drycleaner Database
The Drycleaning Facility Restoration Trust Fund database is used to access, prioritize and cleanup contaminated registered drycleaning sites.

| Date of Government Version: 07/21/2006 | Source: Department of Health & Environmental Control |
| Date Data Arrived at EDR: 09/08/2006 | Telephone: 803-898-3882 |
| Date Made Active in Reports: 09/29/2006 | Last EDR Contact: 05/28/2009 |
| Number of Days to Update: 21 | Next Scheduled EDR Contact: 08/24/2009 |
| Data Release Frequency: Varies | |
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: 10/13/2008
Date Data Arrived at EDR: 10/14/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 36
Next Scheduled EDR Contact: 07/06/2009
Data Release Frequency: Varies

Source: Department of Health & Environmental Control
Telephone: 803-896-4069

NPDES: Waste Water Treatment Facilities Listing
A listing of waste water treatment facility locations.

Date of Government Version: 04/13/2009
Date Data Arrived at EDR: 04/14/2009
Date Made Active in Reports: 05/06/2009
Number of Days to Update: 22
Next Scheduled EDR Contact: 07/13/2009
Data Release Frequency: Varies

Source: Department of Health & Environmental Control
Telephone: 803-898-4300

AIRS: Permiited Airs Facility Listing
A listing of permitted airs facilities.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 03/25/2009
Date Made Active in Reports: 05/06/2009
Number of Days to Update: 42
Next Scheduled EDR Contact: 09/21/2009
Data Release Frequency: Varies

Source: Department of Health & Environmental Control
Telephone: 803-898-4279

TRIBAL RECORDS

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
Next Scheduled EDR Contact: 08/03/2009
Data Release Frequency: Semi-Annually

Source: USGS
Telephone: 202-208-3710

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
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: Varies

Source: Environmental Protection Agency
Telephone: 703-308-8245

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 06/05/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 12
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

Source: EPA Region 10
Telephone: 206-553-2857

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada
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**INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

**INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

**INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

**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).
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: 02/24/2009  
Source: EPA Region 4
Date Data Arrived at EDR: 03/03/2009  
Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2009  
Last EDR Contact: 05/17/2009
Number of Days to Update: 63  
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

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: 09/08/2008  
Source: EPA Region 5
Date Data Arrived at EDR: 09/19/2008  
Telephone: 312-886-6136
Date Made Active in Reports: 10/16/2008  
Last EDR Contact: 05/17/2009
Number of Days to Update: 27  
Next Scheduled EDR Contact: 08/17/2009
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: 05/20/2009  
Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2009  
Telephone: 214-665-7591
Date Made Active in Reports: 05/29/2009  
Last EDR Contact: 05/17/2009
Number of Days to Update: 9  
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Semi-Annually

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  
Source: EPA Region 7
Date Data Arrived at EDR: 12/30/2008  
Telephone: 913-551-7003
Date Made Active in Reports: 03/16/2009  
Last EDR Contact: 05/22/2009
Number of Days to Update: 76  
Next Scheduled EDR Contact: 08/17/2009
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: 06/01/2009  
Source: EPA Region 8
Date Data Arrived at EDR: 06/03/2009  
Telephone: 303-312-6137
Date Made Active in Reports: 06/17/2009  
Last EDR Contact: 05/17/2009
Number of Days to Update: 14  
Next Scheduled EDR Contact: 08/17/2009
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: 12/15/2008  
Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2008  
Telephone: 415-972-3368
Date Made Active in Reports: 03/16/2009  
Last EDR Contact: 05/17/2009
Number of Days to Update: 90  
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly
INDIAN UST R10: Underground Storage Tanks on Indian Land


Date of Government Version: 06/04/2009
Date Data Arrived at EDR: 06/05/2009
Date Made Active in Reports: 06/17/2009
Number of Days to Update: 12

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/17/2009
Next Scheduled EDR Contact: 08/17/2009
Data Release Frequency: Quarterly

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: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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: 12/31/2006
Date Data Arrived at EDR: 12/11/2008
Date Made Active in Reports: 03/19/2009
Number of Days to Update: 98

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/12/2009
Next Scheduled EDR Contact: 09/07/2009
Data Release Frequency: Annually

TC02525479.1r Page GR-15
GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.
- Date of Government Version: 12/31/2008
- Date Data Arrived at EDR: 05/05/2009
- Date Made Active in Reports: 05/22/2009
- Number of Days to Update: 17
- Source: Department of Environmental Protection
- Last EDR Contact: 05/05/2009
- Next Scheduled EDR Contact: 08/03/2009
- 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: 01/27/2009
- Date Data Arrived at EDR: 02/25/2009
- Date Made Active in Reports: 03/12/2009
- Number of Days to Update: 15
- Source: Department of Environmental Conservation
- Telephone: 518-402-8651
- Last EDR Contact: 05/27/2009
- Next Scheduled EDR Contact: 08/24/2009
- Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.
- Date of Government Version: 12/31/2007
- Date Data Arrived at EDR: 09/11/2008
- Date Made Active in Reports: 10/02/2008
- Number of Days to Update: 21
- Source: Department of Environmental Protection
- Telephone: N/A
- Last EDR Contact: 06/08/2009
- Next Scheduled EDR Contact: 09/07/2009
- Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information.
- Date of Government Version: 06/01/2009
- Date Data Arrived at EDR: 06/12/2009
- Date Made Active in Reports: 06/29/2009
- Number of Days to Update: 17
- Source: Department of Environmental Management
- Telephone: 401-222-2797
- Last EDR Contact: 06/15/2009
- Next Scheduled EDR Contact: 09/14/2009
- Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.
- Date of Government Version: 12/31/2007
- Date Data Arrived at EDR: 08/22/2008
- Date Made Active in Reports: 09/08/2008
- Number of Days to Update: 17
- Source: Department of Natural Resources
- Telephone: N/A
- Last EDR Contact: 04/07/2009
- Next Scheduled EDR Contact: 07/06/2009
- 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.

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 1999 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

STREET AND ADDRESS INFORMATION

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SOUTH CAROLINA RBCA
SITE PRIORITY CLASSIFICATION SYSTEM

Sites are placed in Classification 1 if:
- an emergency situation exists
- a fire or explosion hazard exists
- vapors or free product exists in a structure or utility
- concentrations of chemical(s) of concern (COC) have been detected in a potable water supply or surface water supply intake
- free product exists on surface water
- COC exist in surface water

Sites are placed in Classification 2 if:
Classification 2a:
- a significant near term (0 to 1 year) threat to human health, safety, or sensitive environmental receptors exists
- potable supply wells or surface water supply intakes are located < 1 year ground water travel distance downgradient of the source area

Classification 2b:
- free product exists in a monitoring well at a measured thickness > 1 foot
- potable supply wells or surface water supply intakes are located < 1000 feet downgradient of the source area (where ground-water velocity data is not available).

Sites are placed in Classification 3 if:
Classification 3a:
- a short-term (1 to 2 years) threat to human health, safety, or sensitive environmental receptors exists
- potable supply wells or surface water supply intakes are located > 1 year and < 2 years ground-water travel distance down-gradient of the source area
- sensitive habitats or surface water exist < 1 year ground-water travel distance downgradient of the source area and the ground water discharges to the sensitive habitat or surface water

Classification 3b:
- free product exists in a monitoring well at a measured thickness > 0.01 foot
- concentrations of COC above the Risk Based Screening Level (RBSL) have been detected in a non-potable water supply well
- hydrocarbon-containing surface soil (< 3 feet below grade) exists in areas that are not paved
- sensitive habitats or surface water used for contact recreation exist < 500 feet downgradient of the source area (where ground-water velocity and discharge location data are not available).
- the site is located in a sensitive hydrogeologic setting, determined based on the presence of fractured or carbonate bedrock hydraulically connected to the impacted aquifer
- ground water is encountered < 15 feet below grade and the site geology is predominantly sand or gravel

**Sites are placed in Classification 4 if:**

**Classification 4a:**
- a long term (> 2 years) threat to human health, safety, or sensitive environmental receptors exists
- potable supply wells or surface water supply intakes are located > 2 years and < 5 years ground-water travel distance downgradient of the source area
- non-potable supply wells are located < 1 year ground water travel distance downgradient of the source area

**Classification 4b:**
- free product exists as a sheen in any monitoring wells
- non-potable supply wells are located < 1000 feet downgradient of the source area (where groundwater velocity data is not available)
- the ground water is encountered < 15 feet and the site geology is predominantly silt or clay

**Sites are placed in Classification 5 if:**
- there is no demonstrable threat, but additional data are needed to show that there are no unacceptable risks posed by the site
- assessment data for the site indicate concentrations in some samples are above the RBSL or Site Specific Target Level (SSTL), as appropriate, and further assessment is needed
- assessment data for the site indicate concentrations in samples are below the RBSL or SSTL, as appropriate, but the samples are determined not to be representative; therefore, further assessment is needed