



August 5, 2015

SCDOT  
955 Park Street  
Columbia, South Carolina

Attention: Mr. Trapp Harris, P.E.

Reference: **Summary of Environmental and Geotechnical Considerations  
Port Access Road**  
North Charleston, South Carolina  
S&ME Project No. 1131-08-554

Dear Mr. Harris:

We are pleased to present the attached Summary of Environmental and Geotechnical Considerations for the Port Access Road project. Our services were performed pursuant to our Agreement and Contract dated July 21, 2008. Our findings and considerations presented herein are provided in regard to the information contained in our Phase I Environmental Site Assessment (ESA) and Environmental Data Summary Reports dated January 24, 2011 and June 26, 2015, respectively.

S&ME reminds the users of this information that although site-specific information was collected during our previous services, additional site-specific data gathered during demolition and construction activities may be required and should be considered before implementing any specific actions. For instance, waste materials generated as part of demolition and construction activity may require characterization before options can be considered for proper disposal. Similarly, excess soil or sediment produced during construction (i.e., soil or sediment that cannot, based on physical constraints or geotechnical requirements, be placed back where it was removed) may require characterization and/or coordination with property owners, responsible parties, and/or regulatory agencies before the excess soil or sediment can be moved or re-used on other properties, or properly disposed. Furthermore, groundwater removed from the subsurface at parcels with known groundwater contamination may not be considered an "allowable non-stormwater discharge" during future construction as defined in the South Carolina NPDES General Permit for Stormwater Discharges from Construction Activities (SCR100000). As such, groundwater removed from parcels or areas with known groundwater contamination during construction (for instance from dewatering) may require characterization before options can be considered for proper discharge or disposal.

The selection of personal protective equipment for construction workers, if any, will be a function of many factors including, but not limited to, the presence and concentration of contaminants, employee training, site-specific health and safety plans, and construction methodology.

Although we gathered data from various locations along the proposed Port Access Road route, we did not sample every possible location mimicking future construction activity. As such, multiple areas exist that could be classified as areas of unknown conditions; however, our intent was to provide general information that could be relied upon for planning purposes until more detailed information could be

collected by others, if necessary. In addition, we were limited in the areas available to conduct our assessment activities.

Lastly, certain property owners and/or responsible parties may impose additional environmental requirements during construction. For instance, the US Navy will require specific construction methodology information to be submitted before issuing permits regarding properties where they will remain the responsible party. The US Navy will likely require sampling and disposal requirements as a condition of their permit approval process.

Based on the environmental information we collected during our Phase I ESA and environmental media assessments, we prepared an Environmental Management Plan (EMP) for each parcel identified by the South Carolina Department of Transportation (as shown on the attached Figure 1). An EMP Matrix showing parcels based on environmental sampling, known and/or suspected contaminants, and disposal requirements is also attached. This matrix summary is intended as an overview of the environmental and geotechnical considerations, for the convenience of the reader. The complete environmental and geotechnical reports must be reviewed in their entirety prior to making decisions regarding each parcel.

Each EMP presents general site information, environmental considerations, and geotechnical considerations. The environmental considerations provide the following information:

- ◆ Our opinion of whether or not environmental permitting with respect to environmental contamination is anticipated,
- ◆ A list of known or suspected contaminants in environmental media (soil, groundwater, sediment, and surface water),
- ◆ A summary of the analytes detected at concentrations exceeding industrial screening values for soil (ISLs) and drinking water levels for groundwater (MCLs) in environmental media samples collected during our assessment activities, and
- ◆ Our opinion of whether or not disposal requirements are known.

Our opinions regarding known disposal requirements were generally based on the known regulatory involvement, the environmental media data summary results, and whether or not the parcel was previously used for landfilling. For instance if there is known regulatory involvement, the environmental media data summary results indicate an exceedance of an applicable screening value, and/or there is a known landfill on the parcel, it is our opinion that there are known disposal requirements, meaning that waste material removed from the parcel could require characterization and coordination with an appropriate disposal facility. Our opinion that there are known disposal requirements does not necessarily indicate that all environmental media excavated or otherwise removed from the parcel is considered a waste that requires disposal. Conversely, our opinion that there are *no* known disposal requirements does not necessarily indicate that all environmental media excavated or otherwise removed from the parcel is *not* considered a waste that requires disposal. During demolition and construction activities, it is plausible that potentially hazardous materials could be discovered (e.g., storage tanks, buried debris / trash, septic tanks, hydraulic lifts, piping, etc.) that should be properly handled and disposed, regardless of the information contained herein. The information contained in this Summary of Environmental and Geotechnical Considerations Report may require updating based on the findings during demolition and construction activities.

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Summary of Environmental and Geotechnical Considerations**

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The geotechnical considerations provide a brief summary of the types of geotechnical improvements that could be necessary on the parcel and how the environmental considerations relate to the potential improvements.

We appreciate the opportunity to be of service to SCDOT for this important project. If you have any questions concerning this report, please call.

Sincerely,

**S&ME, Inc.**



Mary Beth Cline, P.E.  
Project Environmental Engineer



Chuck Black, P.E.  
Senior Environmental Engineer

Attachments: Figure 1 – Site Map  
Environmental Management Plan Matrix  
Port Access Road - Environmental Management Plans, by parcel number









Environmental Management Plan Matrix  
 Port Access Road  
 Charleston, South Carolina  
 S&ME Project No. 1131-08-554

Tract Number	- Samples Collected Onsite - Known/Suspected Contaminants - Known Disposal Requirements	- Samples Collected Nearby - Known/Suspected Contaminants - Known Disposal Requirements	- Samples Collected Nearby - Suspected Contaminants - No known Disposal Requirements	- Samples Collected Nearby - No Suspected Contaminants - No known Disposal Requirements	- No Samples Collected Onsite or Nearby - Suspected Contaminants - No known Disposal Requirements	- No Samples Collected Onsite or Nearby - No Suspected Contaminants - No known Disposal Requirements
Tract 1	X					
Tract 2				X		
Tract 3				X		
Tract 4	X					
Tract 5		X				
Tract 6	X					
Tract 7				X		
Tract 8					X	
Tract 9						X
Tract 10						X
Tract 11						X
Tract 12						X
Tract 13						X
Tract 14						X
Tract 15						X
Tract 16						X
Tract 17						X
Tract 18						X
Tract 19						X
Tract 20					X	
Tract 21						X
Tract 22	X					
Tract 23		X				
Tract 24	X					
Tract 25			X			
Tract 26	X					
Tract 27				X		
Tract 28	X					
Tract 29	X					



Environmental Management Plan Matrix  
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 Charleston, South Carolina  
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Tract Number	- Samples Collected Onsite - Known/Suspected Contaminants - Known Disposal Requirements	- Samples Collected Nearby - Known/Suspected Contaminants - Known Disposal Requirements	- Samples Collected Nearby - Suspected Contaminants - No known Disposal Requirements	- Samples Collected Nearby - No Suspected Contaminants - No known Disposal Requirements	- No Samples Collected Onsite or Nearby - Suspected Contaminants - No known Disposal Requirements	- No Samples Collected Onsite or Nearby - No Suspected Contaminants - No known Disposal Requirements
Tract 30			X			
Tract 31		X				
Tract 32		X				
Tract 33	X					
Tract 34		X				
Tract 35	X					
Tract 36	Omitted					
Tract 37	X					
Tract 38		X				
Tract 39					X	
Tract 40	X					
Tract 41		X				
Tract 42				X		
Tract 43	X					
Tract 44		X				
Tract 45	X					
Tract 46		X				
Tract 47		X				
Tract 48		X				
Tract 49		X				
Tract 50		X				
Tract 51		X				
Tract 52		X				
Tract 53		X				
Tract 54				X		
Tract 55			X			
Tract 56				X		
Tract 57	X					
Tract 58				X		



Environmental Management Plan Matrix  
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Tract Number	- Samples Collected Onsite - Known/Suspected Contaminants - Known Disposal Requirements	- Samples Collected Nearby - Known/Suspected Contaminants - Known Disposal Requirements	- Samples Collected Nearby - Suspected Contaminants - No known Disposal Requirements	- Samples Collected Nearby - No Suspected Contaminants - No known Disposal Requirements	- No Samples Collected Onsite or Nearby - Suspected Contaminants - No known Disposal Requirements	- No Samples Collected Onsite or Nearby - No Suspected Contaminants - No known Disposal Requirements
Tract 59		X				
Tract 60			X			
Tract 61			X			
Tract 62	X					
Tract 63			X			
Tract 64	Omitted					
Tract 65			X			
Tract 66		X				
Tract 67	X					
Tract 68		X				
Tract 69		X				
Tract 70		X				



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## Tract 1

### Site Information

Location	Baker Hospital Boulevard/Adjacent to I-26
TMS Number	469-00-00-002
Current Use	Not in use
Historical Use	Property known as Ashley River Center Parcel 002. Historically owned by chemical and oil companies. Worker housing for nearby phosphate fertilizer manufacturing. Daniel Jenkins Housing Project
Responsible Party	Exxon Mobil
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	VCC Wando CERCLIS site. Voluntary Cleanup Contract.
Samples Collected Onsite	Soil: Tract 1 SB-1 (0-2), Tract 1 SB-1 (36-40), Tract 1 SB-2 (0-2), Tract 1 SB-2 (50-54) Groundwater: Tract 1 TW-1 (54-60), Tract 1 TW-2 (26-30)
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Phosphate fertilizer production
Environmental Permitting	Institutional Controls by Exxon Mobil. Voluntary Cleanup Contract
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner, Exxon Mobil, SCDHEC, and EPA.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork will require responsible party and regulatory coordination and may require special handling and/or disposal measures.

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## Tract 2

### Site Information

Location	2703 King Street Extension
TMS Number	466-07-00-005
Current Use	Trucking company
Historical Use	Container storage. Historically owned by chemical and oil companies.
Responsible Party	Property owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 1 SB-1 (0-2), Tract 1 SB-1 (36-40), Tract 1 SB-2 (0-2), Tract 1 SB-2 (50-54), Tract 4A SB-1 (0-2), Tract 4A SB-1 (32-36) Groundwater: Tract 1 TW-1 (54-60), Tract 1 TW-2 (26-30), Tract 4A TW-1 (8-12)

### Environmental Considerations

Known Environmental Issues	Historically owned by chemical and oil companies. Phosphate fertilizer production nearby along the Ashley River.
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 3

### Site Information

Location	2453 King Street Extension
TMS Number	466-07-00-006
Current Use	Warehouse for distribution
Historical Use	Container storage. Historically owned by chemical and oil companies.
Responsible Party	Property owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 1 SB-1 (0-2), Tract 1 SB-1 (36-40), Tract 1 SB-2 (0-2), Tract 1 SB-2 (50-54) Groundwater: Tract 1 TW-1 (54-60), Tract 1 TW-2 (26-30)

### Environmental Considerations

Known Environmental Issues	Historically owned by chemical and oil companies. Historical phosphate fertilizer production nearby along the Ashley River. Solvay chemical company located to the southwest.
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 4/4A/4B/4C/4D

### Site Information

Location	2151 King Street Extension
TMS Number	466-00-00-011
Current Use	Solvay USA Chemical Company
Historical Use	Historically owned by chemical and oil companies including Rhodia Chemical Company and Mobile Chemical Company. Phosphogypsum stack onsite.
Responsible Party	Property owner and previous property owners
Known Regulatory Involvement	SCDHEC, EPA
Known Permits, Contracts, Conditions, Agreements, etc.	RCRA Permit No. SCD 003 358 389 Air Permit No. TV-0560-0011
Samples Collected Onsite	Soil: Tract 4 SB-1 (4-8), Tract 4 SB-2 (0-2), Tract 4 SB-2 (40-44), Tract 4A SB-1 (0-2), Tract 4A SB-1 (32-36), Tract 4B SB-1 (1-3), Tract 4B SB-1 (18-22), Tract 4C SB-1 (0-2), Tract 4C SB-1 (0-2), Tract 4C SB-1 (42-46), Tract 4D SB-1 (0-2), Tract 4D SB01 (6-10) Groundwater: Tract 4 TW-1 (8-12), Tract 4 TW-2 (4-14), Tract 4A TW-1 (8-12), Tract 4B TW-1 (6-10), Tract 4C TW-1 (3-13) Gypsum: Tract 4 SB-1 (0-4)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Onsite phosphogypsum stack. Current and historical ownership/use by chemical and oil companies.
Environmental Permitting	Yes - EPA and SCDHEC
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, Radium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, Radium, Radon Gypsum: Radium
Data Summary Report Results Samples Collected Onsite in 2014	Analytes exceeding ISL in Soil: Metals Analytes exceeding MCL in Groundwater: Metals, Radium-226 Radium-226 exceeded surficial soil screening level in the gypsum sample and one surficial soil sample.
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 5

### Site Information

Location	Austin Avenue at I-26 Overpass
TMS Number	466-00-00-023
Current Use	Not in use
Historical Use	Property known as Van Ness. Historically owned by chemical and oil companies.
Responsible Party	Property Owner (is an NRP)
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	Voluntary Cleanup Contract
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 4 SB-1 (4-8), Tract 4B SB-1 (1-3), Tract 4B SB-1 (18-22), Tract 4C SB-1 (0-2), Tract 4C SB-1 (0-2), Tract 4C SB-1 (42-46), Tract 4D SB-1 (0-2), Tract 4D SB01 (6-10), Tract 6 SB-2 (0-2), Tract 6 SB-2 (10-14) Groundwater: Tract 4 TW-1 (8-12), Tract 4B TW-1 (6-10), Tract 4C TW-1 (3-13), Tract 6 TW-2 (54-58) Gypsum: Tract 4 SB-1 (0-4)

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### Environmental Considerations

Known Environmental Issues	Historical ownership. Phosphogypsum stack on northern adjoining property. Phosphate fertilizer production nearby along the Ashley River
Environmental Permitting	Voluntary Cleanup Contract
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2013-2014	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner and SCDHEC.

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### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 6

### Site Information

Location	2031 Summerville Avenue
TMS Number	466-16-00-099
Current Use	Southern Lumber and Millwork - office space, retail space, millworking, and lumber storage. Diesel fuel ASTs, parts washer, small quantities of oils, fuel, and lubricants.
Historical Use	Southern Lumber and Millwork. Unknown if wood treatment occurred onsite. Gas tank shown onsite in 1955 Sanborn Map
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 6 SB-1 (0-2), Tract 6 SB-1 (10-14), Tract 6 SB-2 (0-2), Tract 6 SB-2 (10-14) Groundwater: Tract 6 TW-1 (8-12), Tract 6 TW-2 (54-58)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Onsite use of solvents and petroleum products. Adjoining property to the northwest is Solvay/Rhodia.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results Samples Collected Onsite in 2013	Analytes exceeding ISL in Soil: Metals Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 7

### Site Information

Location	2028 Summerville Avenue
TMS Number	466-16-00-099
Current Use	Vacant private residence
Historical Use	Private residence
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 6 SB-2 (0-2), Tract 6 SB-2 (10-14) Groundwater: Tract 6 TW-2 (54-58)

### Environmental Considerations

Known Environmental Issues	Northern, eastern, and southern adjoining property used as Southern Lumber and Millwork
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 8

### Site Information

Location	Austin Avenue at Peace Street
TMS Number	464-01-00-031
Current Use	City of Charleston Park
Historical Use	Owned by chemical and oil companies. Rosemont School.
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Ownership. Adjoining property to the north is Van Ness.
Environmental Permitting	No
Suspected Contaminants	Soil: Metals, pesticides Groundwater: Metals, pesticides
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 9

### Site Information

Location	Summerville Avenue
TMS Number	466-16-00-118
Current Use	Not in use. Leased by Anchor Sign, a signage provider
Historical Use	Owned by Southern Chemical Products Company
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Ownership
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 10

### Site Information

Location	Summerville Avenue
TMS Number	466-16-00-100
Current Use	Not in use. Leased by Anchor Sign, a signage provider
Historical Use	Owned by Southern Chemical Products Company
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Ownership
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 11

### Site Information

Location	2001 Summerville Avenue
TMS Number	466-16-00-101
Current Use	Not in use. Leased by Anchor Sign, a signage provider
Historical Use	Owned and used by Southern Chemical Products Company. Used by Professional Carpet Sales
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Ownership and use
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 12

### Site Information

Location	Peace Street near Summerville Avenue
TMS Number	466-16-00-104
Current Use	Anchor Sign, a signage provider, wood shop
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 13

### Site Information

Location	Peace Street at Doscher Avenue, Adjacent to I-26
TMS Number	464-01-00-030
Current Use	Not in use
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 14

### Site Information

Location	Peace Street at Summerville Avenue
TMS Number	466-16-00-120
Current Use	Anchor Sign, a signage provider, lumber and material storage
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 15

### Site Information

Location	1913 Summerville Avenue
TMS Number	466-16-00-108
Current Use	Anchor Sign, a signage provider, office space and fleet repair shop. Oils, lubricants, solvents, used oil, transmission fluids, and batteries typical of an auto repair shop observed onsite in 2010.
Historical Use	Contractor Wareshouse, Unclaimed Freight Disposal in 1970 City Directory
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 16

### Site Information

Location	1911 Summerville Avenue
TMS Number	466-16-00-112
Current Use	Anchor Sign, a signage provider, storage. Used oil tote and rusted 55-gallon drum observed onsite in 2010.
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 17

### Site Information

Location	1911 Summerville Avenue
TMS Number	466-16-00-112
Current Use	Anchor Sign, a signage provider, storage. Used oil tote and rusted 55-gallon drum observed onsite in 2010.
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 18

### Site Information

Location	1911 Summerville Avenue
TMS Number	466-16-00-112
Current Use	Anchor Sign, a signage provider, storage. Used oil tote and rusted 55-gallon drum observed onsite in 2010.
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 19

### Site Information

Location	Discher Street at I-26
TMS Number	464-02-00-001
Current Use	Not in use
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 20

### Site Information

Location	1885 Summerville Avenue
TMS Number	464-02-00-002
Current Use	Machinist, Inc., a machine shop. Stained soils around an air compressor, rusted 55-gallon drum, and small containers of oils and lubricants were observed onsite in 2010.
Historical Use	Machine shop since 1981
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Onsite machine shop since 1981
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork may require special handling and/or disposal measures.

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## Tract 21

### Site Information

Location	2224 Odessa Street
TMS Number	464-02-00-003
Current Use	Private residence with septic tank
Historical Use	Residence constructed in 1940s
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Adjoining property to the north and east used as a machine shop
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 22

### Site Information

Location	Meeting Street Road at Little Avenue
TMS Number	466-16-00-124
Current Use	Not in use
Historical Use	Former Automobile Junkyard. Soil and asphalt mounds observed onsite in 2010. 1955 Sanborn Map indicated auto shop onsite or nearby.
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 22 SB-1 (0-2), Tract 22 SB-1 (4-8) Groundwater: Tract 22 TW-1 (16-20)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Former onsite Automobile Junkyard. Former retail petroleum filling stations on the northern and eastern adjoining properties.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 23

### Site Information

Location	2103 Meeting Street
TMS Number	466-16-00-083
Current Use	Not in use
Historical Use	Silk Stockings by Amber UST Facility ID 19206 (offsite portion of Tract 23)
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	UST Facility ID 19206
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 22 SB-1 (0-2), Tract 22 SB-1 (4-8), Tract 24 SB-1 (0-2), Tract 24 SB-1 (2-6), Tract 24 SB-2 (0-2), Tract 24 SB-2 (10-14) Groundwater: Tract 22 TW-1 (16-20), Tract 24 TW-1 (4-8), Tract 24 TW-2 (3-7)

### Environmental Considerations

Known Environmental Issues	Former retail petroleum filling stations on northern and eastern adjoining properties. Former automobile junkyard on northwestern adjoining property.
Environmental Permitting	UST Facility ID 19206
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011	Analytes exceeding MCL in Groundwater: VOCs, Metals, PCBs
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 24

### Site Information

Location	Meeting Street Road at Spruill Avenue
TMS Number	466-16-00-076
Current Use	Not in use
Historical Use	Former retail petroleum filling station known as Sharpton's Triangle Service Center.
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 24 SB-1 (0-2), Tract 24 SB-1 (2-6), Tract 24 SB-2 (0-2), Tract 24 SB-2 (10-14) Groundwater: Tract 24 TW-1 (4-8), Tract 24 TW-2 (3-7)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Former onsite retail petroleum filling station. Former retail petroleum filling station on southern adjoining property. Former hydraulic repair business on eastern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs Groundwater: VOCs, SVOCs, Metals, PCBs
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2011	Analytes exceeding MCL in Groundwater: VOCs, Metals, PCBs
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 25

### Site Information

Location	2132 Spruill Avenue
TMS Number	466-16-00-020
Current Use	Baldwin Brothers, Inc., hydraulic repair business. A used oil AST and small quantities of motor oil and hydraulic oil were observed in 2010.
Historical Use	Hydraulic repair, auto parts, motorcycle sales and service businesses since 1955
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 24 SB-1 (0-2), Tract 24 SB-1 (2-6), Tract 24 SB-2 (0-2), Tract 24 SB-2 (10-14), Tract 26 SB-1 (0-2), Tract 26 SB-1 (52-55) Groundwater: Tract 24 TW-1 (4-8), Tract 24 TW-2 (3-7), Tract 26 TW-1 (26-30)

### Environmental Considerations

Known Environmental Issues	Onsite use as hydraulic repair business. Former automobile body shop on southern adjoining property. Atlantic Pest Control listed as previous owner of southern adjoining property. Former retail petroleum filling station on western adjoining property.
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011-2012	Analytes exceeding MCL in Groundwater: VOCs, Metals, PCBs
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 26

### Site Information

Location	2128 Spruill Avenue
TMS Number	466-16-00-019
Current Use	Plantation Painters
Historical Use	Paints and paint thinners observed inside and outside in 2010 . RCRA-SQG from disposing of lead based paint chips. Former automobile body shop. Atlantic Pest Control listed as previous owner.
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 26 SB-1 (0-2), Tract 26 SB-1 (52-55) Groundwater: Tract 26 TW-1 (26-30)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Onsite historical use. Former retail petroleum filling station on western adjoining property. Former hydraulic repair business on northern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals, pesticides
Samples Collected Onsite in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 27

### Site Information

Location	2120 Spruill Avenue
TMS Number	466-16-00-018
Current Use	Joe's Round Up, adult entertainment
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 24 SB-1 (0-2), Tract 24 SB-1 (2-6), Tract 24 SB-2 (0-2), Tract 24 SB-2 (10-14), Tract 26 SB-1 (0-2), Tract 26 SB-1 (52-55), Tract 28 SB-1 (0-2) Groundwater: Tract 24 TW-1 (4-8), Tract 24 TW-2 (3-7), Tract 26 TW-1 (26-30), Tract 28 TW-1 (40-44)

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### Environmental Considerations

Known Environmental Issues	Former automobile body shop on northern adjoining property. Atlantic Pest Control listed as previous owner of northern adjoining property. Former retail petroleum filling station on western adjoining property. Truck repair business on southern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals, pesticides
Samples Collected Nearby in 2011-2012	Analytes exceeding MCL in Groundwater: VOCs, Metals, PCBs
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 28

### Site Information

Location	2118 Spruill Avenue
TMS Number	466-16-00-017
Current Use	Road-1 Truck Repair
Historical Use	Truck repair shop with closed floor drains, trough drains, oils, lubricants, parts washers, oil water separator, batteries, drums, a tote, and an AST were observed in 2010. Large steel plates on ground surface east of building (unknown use).
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 28 SB-1 (0-2) Groundwater: Tract 28 TW-1 (40-44)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Onsite historical use. Automobile repair on southern adjoining property. Former retail petroleum filling station on western adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 29

### Site Information

Location	Talluah Road
TMS Number	466-00-00-063
Current Use	Not in use
Historical Use	Former Macalloy Corporation
Responsible Party	Property Owner
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	NPL Site. CERCLIS ID No. SCD 003 360 476. Record of Decision. Consent Agreement No. 05-06-HW (CA). Declaration of Covenants & Restrictions and Operations and Maintenance Manual
Samples Collected Onsite	Soil: Tract 29 SB-1 (0-2), Tract 29 SB-1 (4-8), Tract 29 SB-2 (0-2), Tract 29 SB-2 (4-8) Groundwater: Tract 29 TW-1 (8-12), Tract 29 TW-2 (24-28)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production
Environmental Permitting	Institutional controls
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: none
Samples Collected Onsite in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner, SCDHEC, and EPA.

### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 30

### Site Information

Location	West of Talluah Road
TMS Number	466-00-00-052
Current Use	Overhead power transmission line
Historical Use	Adjoins Macalloy property
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 29 SB-2 (0-2), Tract 29 SB-2 (4-8) Groundwater: Tract 29 TW-2 (24-28)

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production on the eastern and northern adjoining property.
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: none
Samples Collected Nearby in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 31

### Site Information

Location	Tellico Road
TMS Number	466-00-00-066
Current Use	Not in use
Historical Use	Former Macalloy Corporation
Responsible Party	Macalloy Potentially Responsible Party Group (PRPs)
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	NPL Site. CERCLIS ID No. SCD 003 360 476. Record of Decision. Consent Agreement No. 05-06-HW (CA). Declaration of Covenants & Restrictions and Operations and Maintenance Manual
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 29 SB-2 (0-2), Tract 29 SB-2 (4-8) Groundwater: Tract 29 TW-2 (24-28)

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production
Environmental Permitting	Institutional controls
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: none
Samples Collected Nearby in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner, SCDHEC, and EPA.

### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 32

### Site Information

Location	Talluah Road
TMS Number	466-00-00-064
Current Use	Not in use
Historical Use	Former Macalloy Corporation
Responsible Party	Macalloy Potentially Responsible Party Group (PRPs)
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	NPL Site. CERCLIS ID No. SCD 003 360 476. Record of Decision. Consent Agreement No. 05-06-HW (CA). Declaration of Covenants & Restrictions and Operations and Maintenance Manual
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 29 SB-1 (0-2), Tract 29 SB-1 (4-8) Groundwater: Tract 29 TW-1 (8-12)

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production
Environmental Permitting	Institutional controls
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: none
Samples Collected Nearby in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner, SCDHEC, and EPA.

### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 33

### Site Information

Location	1800 Pittsburgh Avenue
TMS Number	466-00-00-010
Current Use	Not in use
Historical Use	Former Macalloy Corporation
Responsible Party	Macalloy Potentially Responsible Party Group (PRPs)
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	NPL Site. CERCLIS ID No. SCD 003 360 476. Record of Decision. Consent Agreement No. 05-06-HW (CA). Declaration of Covenants & Restrictions and Operations and Maintenance Manual
Samples Collected Onsite	Soil: Tract 33 SB-1 (0-2), Tract 33 SB-1 (4-8), Tract 33 SB-2 (0-2), Tract 33 SB-2 (10-14), Tract 33 SB-3 (0-2), Tract 33 SB-3 (14-18), Tract 33 SB-4 (0-2), Tract 33 SB-4 (22-26) Groundwater: Tract 33 TW-1 (20-24), Tract 33 TW-2 20-24), Tract 33 TW-3 (20-24), Tract 33 TW-4 (14-18)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production
Environmental Permitting	Institutional controls
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: SVOC, Metals
Samples Collected Onsite in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner, SCDHEC, and EPA.

### Geotechnical Considerations

Shallow subsurface excavation, earthwork, ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 34

### Site Information

Location	Navy Base (SC State Ports Authority)- marsh of Shipyard Creek
TMS Number	400-00-00-105
Current Use	Not in use
Historical Use	Marsh at Navy Base, Landfill
Responsible Party	US Navy
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	RCRA Permit No. SC0 170 022 560 (SWMU 9, AOC 654). RCRA Land Use Controls. Declaration of Covenants and Restrictions.
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 35 SB-3 (0-2), Tract 35 SB-4 (0-2) Groundwater: TW-3 (1-5) Sediment: Tract 35 SS-1, Tract 35 SS-2 Surface Water: Tract 35 SW-1

### Environmental Considerations

Known Environmental Issues	Adjoining property: SWMU 9 (closed monitored landfill), AOC 654 (former septic tank and drain field associated with Building 661), USTs at Building 661
Environmental Permitting	Process to Conduct Construction Activities in Areas under Land Use Controls at the Charleston Naval Complex (Process Document)
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, Pesticides, and PCBs Groundwater: VOCs, SVOCs, Metals, Pesticides, and PCBs Sediment: VOCs, SVOCs, Metals, Pesticides, PCBs, and hexavalent chromium Surface Water: VOCs, SVOCs, Metals, Pesticides, PCBs, and hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011-2012	Analytes exceeding MCL in Groundwater: none Analytes exceeding SSV in Sediment: Metals Analytes exceeding MCL in Surface Water: none
Known Disposal Requirements	Yes. Characterization Required. Navy approval required.

### Geotechnical Considerations

Shallow subsurface excavation, earthwork, ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater. Must comply with CNC Process Document.

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## Tract 35

### Site Information

Location	Navy Base- south of Bainbridge Avenue
TMS Number	400-00-00-004
Current Use	Northwestern portion of parcel used by Charleston Water Systems materials storage yard. Southern portion not in use.
Historical Use	Navy Base, Landfill
Responsible Party	US Navy
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	RCRA Permit No. SC0 170 022 560 (SWMU 9, SWMU 196, AOC 654). RCRA Land Use Controls. Voluntary Cleanup Contract. Declaration of Covenants and Restrictions. SCDHEC UST Facility ID 14437.
Samples Collected Onsite	Soil: Tract 35 SB-1 (0-2), Tract 35 SB-1 (12-16), Tract 35 SB-2 (0-2), Tract 35 SB-2 (24-28), Tract 35 SB-3 (0-2), Tract 35 SB-4 (0-2), Tract 35 SB-4 (10-14), Tract 35 SB-5 (0-2), Tract 35 SB-5 (4-8), Tract 35 SB-6 (0-2), Tract 35 SB-6 (6-10), Tract 35 SB-7 (0-2), Tract 35 SB-7 (20-24) Groundwater: Tract 35 TW-1 (40-44), Tract 35 TW-2 (26-30), Tract 35 TW-3 (1-5), Tract 35 TW-4 (16-20), Tract 35 TW-5 (0-10), Tract 35 TW-6 (16-20), Tract 35 TW-7 (20-24) Sediment: Tract 35 SS-1, Tract 35 SS-2 Surface Water: Tract 35 SW-1
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	SWMU 9 (closed monitored landfill), SWMU 196 (previous storage area of solvents, paints, acid, and lubricant oil, a potassium chromate tank, and transformers), AOC 654 (former septic tank and drain field associated with Building 661), USTs at Building 661
Environmental Permitting	Process to Conduct Construction Activities in Areas under Land Use Controls at the Charleston Naval Complex (Process Document)
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, Pesticides, and PCBs Groundwater: VOCs, SVOCs, Metals, Pesticides, and PCBs Sediment: VOCs, SVOCs, Metals, Pesticides, PCBs, and hexavalent chromium Surface Water: VOCs, SVOCs, Metals, Pesticides, PCBs, and hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2011-2012	Analytes exceeding MCL in Groundwater: SVOCs and Metals Analytes exceeding SSV in Sediment: Metals Analytes exceeding MCL in Surface Water: none
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Navy approval required.

### Geotechnical Considerations

Shallow subsurface excavation, earthwork, ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater. Must comply with CNC Process Document.





Environmental Management Plan  
Port Access Road  
Charleston, South Carolina  
S&ME Project No. 1131-08-554

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**Tract 36**

**Omitted**



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## Tract 37

### Site Information

Location	1801 Shipyard Creek Road
TMS Number	469-00-00-006
Current Use	Not in use
Historical Use	Former incinerator facility with ash pond and heating oil AST
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Montenay/Foster Wheeler Charleston Resource Recovery)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 37 SB-1 (0-2), Tract 37 SB-1 (22-26), Tract 37 SB-2 (0-2), Tract 37 SB-2 (8-12), Tract 37 SB-3 (0-2), Tract 37 SB-3 (8-12) Groundwater: Tract 37 TW-1 (20-24), Tract 37 TW-2 (10-14), Tract 37 TW-3 (10-14) Sediment: Tract 37 SS-1 Surface Water: Tract 37 SW-1
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Onsite historical use. Container repair yard on northern adjoining property. Navy Base SWMU 9 and SWMU 196 on eastern adjoining property. Former Macalloy site on southern adjoining property. TriState landfill.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, dioxins/furans Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, dioxins/furans Sediment: VOCs, SVOCs, Metals, PCBs, pesticides, dioxins/furans Surface Water: VOCs, SVOCs, Metals, PCBs, pesticides, dioxins/furans
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2012	Analytes exceeding MCL in Groundwater: VOCs and Metals Analytes exceeding SSV in Sediment: SVOCs and Metals Analytes exceeding MCL in Surface Water: None
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subsurface excavation, earthwork, ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 38

### Site Information

Location	Shipyards Creek Road
TMS Number	466-04-00-008
Current Use	ConGlobal, a cargo container/chassis repair shop. Spent blasting materials from paint removal were observed on or near the property. ASTs of diesel, gasoline, hydraulic oil, engine oil, and kerosene, paints, paint thinners, welding materials, tires, grease, oils, and parts washers were observed on the offsite portion of the property in 2010.
Historical Use	Cargo container and chassis repair shop, TriState Landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 35 SB-4 (0-2), Tract 35 SB-4 (10-14), Tract 35 SB-5 (0-2), Tract 35 SB-5 (4-8), Tract 37 SB-1 (0-2), Tract 37 SB-1 (22-26) Groundwater: Tract 35 TW-4 (16-20), Tract 35 TW-5 (0-10), Tract 37 TW-1 (20-24) Sediment: Tract 37 SS-1 Surface Water: Tract 37 SW-1

### Environmental Considerations

Known Environmental Issues	Onsite historical use. TriState landfill. Navy Base SWMU 9 and SWMU 196 on eastern adjoining property. Former incinerator site on southern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals Sediment: VOCs, SVOCs, Metals Surface Water: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011-2012	Analytes exceeding MCL in Groundwater: VOCs and Metals Analytes exceeding SSV in Sediment: SVOCs and Metals Analytes exceeding MCL in Surface Water: None
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 39

### Site Information

Location	2534 Spruill Avenue
TMS Number	466-04-00-007
Current Use	ConGlobal, a cargo container/chassis repair shop. Numerous drums and buckets of paints, paint thinners, oil and grease, welding materials parts washers and tires were observed on the offsite portion of the property in 2010.
Historical Use	Cargo container and chassis repair shop
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Onsite historical use. TriState landfill adjacent.
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	No
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork may require special handling and/or disposal measures.

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## Tract 40

### Site Information

Location	East side of Spruill Avenue near Stromboli
TMS Number	466-04-00-013
Current Use	City of North Charleston Park
Historical Use	Tri-State Landfill (Park South)
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Onsite historical use. Container repair yard on southern adjoining property. UST Facility ID 15926 on western adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 41

### Site Information

Location	Spruill Avenue at Stromboli Avenue
TMS Number	466-03-00-161
Current Use	Stevedore training
Historical Use	Tri-State Landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Tri-State landfill. UST Facility ID 15025 nearby to the north.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 42

### Site Information

Location	2635 Spruill Avenue
TMS Number	466-08-00-512
Current Use	Not in use
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 44 SB-1 (0-2), Tract 44 SB-1 (4-8) Groundwater: Tract 44 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Former Tri-State landfill located on northern adjoining property. Western adjoining property is listed on the UST databases under the name Carolina Shipping Company.
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 43

### Site Information

Location	1950 Stromboli Avenue
TMS Number	466-08-00-456
Current Use	Stevedore Repair
Historical Use	Stevedore Repair for approximately 40 years
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	SCDHEC UST Facility ID 01325
Samples Collected Onsite	Soil: Tract 44 SB-1 (0-2), Tract 44 SB-1 (6-10) Groundwater: Tract 44 TW-1 (4-8) Samples identified as Tract 44 were actually collected from Tract 43 because of underground utilities on Tract 44.
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Release reported from onsite USTs in August 1992. No Further Action issued by SCDHEC in 1993. Former Tri-State landfill located on northern adjoining property. Western adjoining property is listed on the UST database under the name CC South.
Environmental Permitting	SCDHEC UST Facility ID 16835
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork will require responsible party and regulatory coordination and may require special handling and/or disposal measures.

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## Tract 44

### Site Information

Location	1950 Stromboli Avenue
TMS Number	466-03-00-166
Current Use	Ditch along Stromboli Avenue
Historical Use	Tri-State Landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No. Samples identified as Tract 44 were actually collected from southern adjoining Tract 43 because of underground utilities.
Samples Collected Nearby	Soil: Tract 44 SB-1 (0-2), Tract 44 SB-1 (4-8) Groundwater: Tract 44 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Onsite historical use. TriState Landfill. UST Facility ID 01325 thought to be onsite, later found to be on southern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 45

### Site Information

Location	1923 Stromboli Avenue
TMS Number	466-08-00-455
Current Use	Trucking terminal warehouse
Historical Use	Onsite warehouse over 50 years
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	SCDHEC UST Facility ID 16835
Samples Collected Onsite	Soil: Tract 45 SB-1 (0-2), Tract 45 SB-1 (14-18) Groundwater: Tract 45 TW-1 (17-21)
Samples Collected Nearby	Yes

### Environmental Considerations

Known Environmental Issues	Onsite diesel UST removed from the ground in 1984. Former Tri-State landfill located on northern adjoining property. Western adjoining property is listed on the UST, LUST, and GWCI databases under the name Southern Bell.
Environmental Permitting	SCDHEC UST Facility ID 16835
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork will require responsible party and regulatory coordination and may require special handling and/or disposal measures.

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## Tract 46

### Site Information

Location	2600 Meeting Street Road
TMS Number	466-08-00-453
Current Use	AT&T dispatch offices, auto shop, and storage yard. 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.
Historical Use	Bell South
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	SCDHEC UST Facility ID 01536
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 45 SB-1 (0-2), Tract 45 SB-1 (14-18) Groundwater: Tract 45 TW-1 (17-21)

### Environmental Considerations

Known Environmental Issues	Former onsite underground storage tanks with documented petroleum release. Former automobile junkyard on western adjoining property. Tri-State landfill nearby.
Environmental Permitting	SCDHEC UST Facility ID 01536
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork will require responsible party and regulatory coordination and may require special handling and/or disposal measures.

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## Tract 47

### Site Information

Location	2650 Meeting Street Road
TMS Number	466-03-00-048
Current Use	Paved drive associated with offsite trucking repair facility. Abandoned monitoring wells associated with Southern Bell UST site observed onsite in 2010.
Historical Use	GEX, the former navy supply store. Intermodal Management LTD UST Facility ID 15926 (offsite portion of Tract 47)
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	SCDHEC UST Facility ID 15926
Samples Collected Onsite	No
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Former underground storage tanks with documented petroleum release located on offsite portion of Tract 47. Southern Bell UST Facility ID 01536 located on southern adjoining property. Tri-State landfill nearby.
Environmental Permitting	SCDHEC UST Facility ID 15926 onsite. SCDHEC UST Facility ID 01536 nearby.
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	No
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork will require responsible party and regulatory coordination and may require special handling and/or disposal measures.

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## Tract 48

### Site Information

Location	Spruill Avenue
TMS Number	466-03-00-164
Current Use	Stevedore training
Historical Use	Tri-State Landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Tri-State landfill. UST Facility ID 15025 on northern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 49

### Site Information

Location	2665 Spruill Avenue
TMS Number	466-03-00-160
Current Use	Asphalt paved fenced storage area for Eason Diving. Monitoring wells observed onsite.
Historical Use	Former retail petroleum filling station and Tri-State landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	SCDHEC UST Facility ID 15025
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Former underground storage tanks with documented petroleum release located onsite. Tri-State landfill.
Environmental Permitting	SCDHEC UST Facility ID 15025
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 50

### Site Information

Location	2667 Spruill Avenue
TMS Number	466-03-00-159
Current Use	Asphalt paved parking lot; painter and woodworker shop
Historical Use	Historical Ownership include Palm Oil Company and Petroleum Equipment Co., Inc., TriState landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Historical ownership. Tri-State Landfill. Former retail petroleum filling station on southern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 51

### Site Information

Location	2664 Spruill Avenue
TMS Number	466-04-00-015
Current Use	Storage area for crane rental company
Historical Use	Tri-State Landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Tri-State landfill. UST Facility ID 15025 nearby to the north.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 52

### Site Information

Location	2668 Spruill Avenue
TMS Number	466-04-00-015
Current Use	Asphalt paved and grassed fenced parking and storage area for Eason Diving, a commercial diving company
Historical Use	Tri-State Landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Tri-State landfill. UST Facility ID 15025 nearby to the west.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 53

### Site Information

Location	2669 Spruill Avenue
TMS Number	466-03-00-158
Current Use	Restaurant and bar with operational septic tank
Historical Use	Jake's Stop Grocery and Tri-State Landfill
Responsible Party	Property Owner
Known Regulatory Involvement	SCDHEC SHWS/LF (Charleston Spruill Ave Dump/Gaston Dump/Charleston County Dump)
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Tri-State landfill. Charleston Steel located on eastern adjoining property.
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on historic use, Class III Landfill. Characterization Required. Coordinate with property owner and SCDHEC.

### Geotechnical Considerations

Shallow subgrade stabilization, earthwork, and ground improvement spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal. Ground improvement elements may require construction techniques to reduce migration of groundwater.

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## Tract 54

### Site Information

Location	2671 Spruill Avenue
TMS Number	466-03-00-157
Current Use	Parking for a restaurant. Remnants of flooring from former building observed onsite in 2010.
Historical Use	None identified with environmental concern, Tri-State Landfill nearby
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Charleston Steel located on eastern adjoining property. Tri-State Landfill adjacent.
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 55

### Site Information

Location	2700 Spruill Avenue
TMS Number	466-04-00-005
Current Use	Parking, landscape buffer, and break area for employees of Charleston Steel.
Historical Use	Amvet Bar; Tri-State Landfill nearby
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Charleston Steel operations on eastern adjoining property. Tri-State Landfill nearby.
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork may require special handling and/or disposal measures.

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## Tract 56

### Site Information

#### Location

TMS Number	466-03-00-156
Current Use	Parking and landscape buffer for Mims Amusement office and repair shop
Historical Use	Navy finance office
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 40 SB-1 (0-2), Tract 40 SB-1 (4-8) Groundwater: Tract 40 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Charleston Steel operations on eastern adjoining property. Tri-State Landfill on southern and eastern adjoining properties.
Environmental Permitting	No
Known/Suspected Contaminants	No
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 57

### Site Information

Location	2533 Stromboli Avenue
TMS Number	466-08-00-421
Current Use	Storage of furniture and files
Historical Use	Former retail petroleum station
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 57 SB-1 (0-2), Tract 57 SB-1 (6-10) Groundwater: Tract 57 TW-1 (8-12)
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Former onsite retail petroleum filling station
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: None
Samples Collected Onsite in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork may require special handling and/or disposal measures.

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## Tract 58

### Site Information

Location	2532 Spruill Avenue
TMS Number	466-08-00-499
Current Use	Asphalt paved parking area for warehouse storage building
Historical Use	None identified with environmental concern
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 57 SB-1 (0-2), Tract 57 SB-1 (6-10) Groundwater: Tract 57 TW-1 (8-12)

### Environmental Considerations

Known Environmental Issues	No
Environmental Permitting	No
Known/Suspected Contaminants	No

  

Data Summary Report Results	Analytes exceeding ISL in Soil: None
Samples Collected Nearby in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

No known environmental conditions that would affect geotechnical design.

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## Tract 59

### Site Information

Location	2025 Tellico Road
TMS Number	466-00-00-062
Current Use	Collection and bailing of waste paper and plastics for recycling. Two 200-gallon ASTs with secondary containment onsite (one diesel, one gasoline).
Historical Use	Former Macalloy Corporation
Responsible Party	Macalloy Potentially Responsible Party Group (PRPs)
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	NPL Site. CERCLIS ID No. SCD 003 360 476. Record of Decision. Consent Agreement No. 05-06-HW (CA). Declaration of Covenants & Restrictions and Operations and Maintenance Manual
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 29 SB-2 (0-2), Tract 29 SB-2 (4-8) Groundwater: Tract 29 TW-2 (24-28)

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production
Environmental Permitting	Institutional controls
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: none
Samples Collected Nearby in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner, SCDHEC, and EPA.

### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 60

### Site Information

Location	Bainbridge Avenue
TMS Number	466-04-00-009
Current Use	Not in use
Historical Use	Marshland adjacent to Navy Base
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 35 SB-4 (0-2), Tract 35 SB-4 (10-14) Groundwater: Tract 35 TW-4 (16-20)

### Environmental Considerations

Known Environmental Issues	Navy Base SWMU 9 on eastern adjoining property.
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals, Pesticides, and PCBs Groundwater: VOCs, SVOCs, Metals, Pesticides, and PCBs Sediment: VOCs, SVOCs, Metals, Pesticides, and PCBs Surface Water: VOCs, SVOCs, Metals, Pesticides, and PCBs
Data Summary Report Results	Analytes exceeding ISL in Soil: None
Samples Collected Nearby in 2011	Analytes exceeding MCL in Groundwater: None
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork may require special handling and/or disposal measures.

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## Tract 61

### Site Information

Location	2102 Spruill Avenue
TMS Number	466-16-00-016
Current Use	Road-1 Truck Repair. Truck repair shop with closed floor drains, trough drains, oils, lubricants, parts washers, oil water separator, batteries, drums, a tote, and an AST were observed in 2010. Large steel plates on ground surface east of building (unknown use).
Historical Use	Truck repair and service companies
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 28 SB-1 (0-2) Groundwater: Tract 28 TW-1 (40-44)

### Environmental Considerations

Known Environmental Issues	Onsite historical use. Automobile repair on southern adjoining property. Former retail petroleum filling station on western adjoining property.
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 62

### Site Information

Location	2635 Carner Avenue
TMS Number	466-03-00-002
Current Use	Not in use
Historical Use	Former automobile junk yard
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 62 SB-1 (0-2), Tract 62 SB-1 (4-8) Groundwater: Tract 62 TW-1 (4-8)
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Former onsite automobile junk yard
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Onsite in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork may require special handling and/or disposal measures.

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## Tract 63

### Site Information

Location	Meeting Street Road
TMS Number	469-00-00-005
Current Use	Not in use
Historical Use	Former automobile junk yard. Mounds of debris covered with thick vegetation were observed in 2010.
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 62 SB-1 (0-2), Tract 62 SB-1 (4-8) Groundwater: Tract 62 TW-1 (4-8)

### Environmental Considerations

Known Environmental Issues	Former onsite automobile junk yard
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Shallow subgrade stabilization and earthwork may require special handling and/or disposal measures.

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**Tract 64**

**Omitted**



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## Tract 65

### Site Information

Location	Marshland of Shipyard Creek adjacent to Macalloy
TMS Number	No TMS Identified
Current Use	Not in use. Marshland
Historical Use	Former Macalloy Corporation adjoins to the west, SWMU 9 to NE
Responsible Party	Property Owner
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 35 SB-7 (0-2), Tract 35 SB-7 (20-24) Groundwater: Tract 35 TW-7 (20-24)

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production adjacent to west, landfill to NE
Environmental Permitting	No
Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: SVOCs
Known Disposal Requirements	No. Characterize during construction.

### Geotechnical Considerations

Deep foundation spoils and water may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 66

### Site Information

Location	Adjacent to I-26 and Tract 1
TMS Number	No TMS Identified
Current Use	Not in use
Historical Use	Property known as Ashley River Center Parcel 002. Historically owned by chemical and oil companies. Worker housing for nearby phosphate fertilizer manufacturing. Daniel Jenkins Housing Project
Responsible Party	Exxon Mobil
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	VCC Wando CERCLIS site. Voluntary Cleanup Contract.
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 1 SB-2 (0-2), Tract 1 SB-2 (50-54) Groundwater: Tract 1 TW-2 (26-30)

### Environmental Considerations

Known Environmental Issues	Phosphate fertilizer production
Environmental Permitting	Institutional Controls by Exxon Mobil. Voluntary Cleanup Contract
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2012	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner, Exxon Mobil, SCDHEC, and EPA.

### Geotechnical Considerations

Shallow subsurface excavation, earthwork, ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 67

### Site Information

Location	2413 Meeting Street Road
TMS Number	466-07-00-001
Current Use	Not in use
Historical Use	Former retail petroleum station, auto repair shops, and automobile junk yard
Responsible Party	Property Owner
Known Regulatory Involvement	No
Known Permits, Contracts, Conditions, Agreements, etc.	No
Samples Collected Onsite	Soil: Tract 67 SB-1 (0-2), Tract 67 SB-1 (28-32) Groundwater: Tract 67 TW-1 (8-12)
Samples Collected Nearby	No

### Environmental Considerations

Known Environmental Issues	Former retail petroleum station, auto repair shops, and automobile junk yard on offsite portion of tax parcel
Environmental Permitting	No
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: SVOCs and Metals
Samples Collected Onsite in 2011	Analytes exceeding MCL in Groundwater: None
Known Disposal Requirements	Yes. Based on data collected for the Environmental Data Summary Report, Class III Landfill. Characterization Required.

### Geotechnical Considerations

Ground improvement, shallow subgrade stabilization, surcharge program, and deep foundation spoils and water may require special handling and/or disposal measures. Ground improvement or deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 68

### Site Information

Location	Austin Avenue
TMS Number	No TMS Identified
Current Use	Not in use
Historical Use	Property known as Van Ness. Historically owned by chemical and oil companies.
Responsible Party	Property Owner (is an NRP)
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	Voluntary Cleanup Contract
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 4 SB-1 (4-8), Tract 4B SB-1 (1-3), Tract 4B SB-1 (18-22), Tract 4C SB-1 (0-2), Tract 4C SB-1 (0-2), Tract 4C SB-1 (42-46), Tract 4D SB-1 (0-2), Tract 4D SB01 (6-10), Tract 6 SB-2 (0-2), Tract 6 SB-2 (10-14) Groundwater: Tract 4 TW-1 (8-12), Tract 4B TW-1 (6-10), Tract 4C TW-1 (3-13), Tract 6 TW-2 (54-58) Gypsum: Tract 4 SB-1 (0-4)

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### Environmental Considerations

Known Environmental Issues	Historical ownership. Phosphate fertilizer production nearby along the Ashley River
Environmental Permitting	Voluntary Cleanup Contract
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals Groundwater: VOCs, SVOCs, Metals
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2013-2014	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner and SCDHEC.

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### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 69

### Site Information

Location	Talluah Road
TMS Number	No TMS Identified
Current Use	Talluah Road
Historical Use	Former Macalloy Corporation
Responsible Party	Macalloy Potentially Responsible Party Group (PRPs)
Known Regulatory Involvement	EPA and SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	NPL Site. CERCLIS ID No. SCD 003 360 476. Record of Decision. Consent Agreement No. 05-06-HW (CA). Declaration of Covenants & Restrictions and Operations and Maintenance Manual
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 29 SB-1 (0-2), Tract 29 SB-1 (4-8) Groundwater: Tract 29 TW-1 (8-12)

### Environmental Considerations

Known Environmental Issues	Ferrochromium alloy production
Environmental Permitting	Institutional controls
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium Groundwater: VOCs, SVOCs, Metals, PCBs, pesticides, hexavalent chromium
Data Summary Report Results	Analytes exceeding ISL in Soil: none
Samples Collected Nearby in 2013	Analytes exceeding MCL in Groundwater: Metals
Known Disposal Requirements	Yes. Characterization Required. Coordinate with property owner, SCDHEC, and EPA.

### Geotechnical Considerations

Deep foundation spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Deep foundation elements may require construction techniques to reduce migration of groundwater.

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## Tract 70

### Site Information

Location	Existing Bainbridge Avenue
TMS Number	No TMS Identified
Current Use	Bainbridge Avenue
Historical Use	Navy Base, Bainbridge Avenue, Landfill
Responsible Party	US Navy
Known Regulatory Involvement	SCDHEC
Known Permits, Contracts, Conditions, Agreements, etc.	RCRA Permit No. SC0 170 022 560. RCRA Land Use Controls. Voluntary Cleanup Contract. Declaration of Covenants and Restrictions.
Samples Collected Onsite	No
Samples Collected Nearby	Soil: Tract 35 SB-4 (0-2), Tract 35 SB-4 (10-14) Groundwater: Tract 35 TW-4 (16-20)

### Environmental Considerations

Known Environmental Issues	Closed monitored landfill
Environmental Permitting	Process to Conduct Construction Activities in Areas under Land Use Controls at the Charleston Naval Complex (Process Document)
Known/Suspected Contaminants	Soil: VOCs, SVOCs, Metals, Pesticides, and PCBs Groundwater: VOCs, SVOCs, Metals, Pesticides, and PCBs
Data Summary Report Results	Analytes exceeding ISL in Soil: Metals
Samples Collected Nearby in 2011	Analytes exceeding MCL Groundwater: SVOCs and Metals
Known Disposal Requirements	Yes. Characterization Required. Navy approval required.

### Geotechnical Considerations

Shallow subsurface excavation, earthwork, and ground improvement spoils and water will require responsible party and regulatory coordination and may require special handling and/or disposal measures. Ground improvement elements may require construction techniques to reduce migration of groundwater. Must comply with CNC Process Document.

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