



PROCESSING FORM FOR PROGRAMMATIC CATEGORICAL EXCLUSIONS
NON MAJOR FEDERAL ACTIONS

Project ID P041233

Route US 123 (Calhoun Memorial Hwy)

County Pickens

Part 1 - Project Description

Include the Project Name/Description

US 123 (Calhoun Memorial Highway) Bridge Replacements over Georges Creek
SCDOT proposes to replace the US 123 NB and SB (Calhoun Memorial Highway) Bridges over Georges Creek in Pickens County. The purpose of this project is to replace the bridges to correct the load restriction placed on them as well as restore all bridge components to good condition. The existing bridges are posted for load restrictions and has one or more components in poor condition. The bridges are currently open to traffic and would remain open to traffic during construction.

NEPA studies revealed no significant impacts or effects to resources within the project study area.

It is anticipated that minor amounts of right of way will be required for the replacement of these structures. The minor amount of right of way needed will include temporary and/or permanent strips. Existing right of way is approximately 200' along the roadway and 300' in the area of the bridges. Given the rural location new acquisitions are not anticipated to have negative effects to resources or landowners and will be within the existing project study area.

Part 2 - PCE Type

Select the appropriate Categorical Exclusion from 23 CFR Part 771.117 that best fits the entire project from the drop-down menu. **Reference Appendix A of the PCE Agreement for a more detailed description of each CE contained in 23 CFR 771.117.**

23 CFR 771.117(c) Bridge rehabilitation, reconstruction, or replacement or railroad crossing improvements

23 CFR 771.117(d)

Part 3 - Thresholds

To be processed as a Programmatic Categorical Exclusion (PCE) the following conditions must be met in addition to the General Criteria (as outlined in the PCE Agreement between FHWA-SC and SCDOT). Place a "X" in the appropriate box below. If the answer is "Yes" to any of the below criteria, SCDOT will consult with FHWA-SC to determine the appropriate level of NEPA documentation required and forward to FHWA-SC for approval. ***Reference Part 4 of the Processing form or Section IV of the PCE Agreement for more details and definitions regarding each threshold.**

1.	Involves any unusual circumstances as described in <u>*23 CFR Part 771.117(b)</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
2.	The acquisition of more than <u>*minor amounts</u> of temporary or permanent strips of right-of-way	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
3.	Involves acquisitions that result in residential or non-residential displacements	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
4.	Involves any adverse impacts to EJ populations	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Part 3 - Thresholds Continued

5.	Results in capacity expansion of a roadway by adding through lanes	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
6.	Involves construction that would result in <u>*major traffic disruptions</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
7.	Involves <u>*changes in access control</u> requiring FHWA approval	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
8.	An adverse effect determination under Section 106 of the National Historic Preservation Act.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
9.	Use of Section 4(f) property that cannot be documented with a FHWA <i>de minimis</i> determination or a programmatic Section 4(f) other than the programmatic evaluation for the use of historic bridges	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
10.	Any use of a Section 6(f) property	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
11.	Requires an Individual USACE 404 Permit	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
12.	Requires an Individual U.S. Coast Guard Permit.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
13.	Work encroaching in a regulatory floodway, adversely affecting the base floodplain (100 yr.) pursuant to E.O. 11988 and 23 CFR Part 650 Subpart A	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
14.	Construction in, across, or adjacent to a river designated as a National Wild and Scenic River	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
15.	Involves an increase of 15 dBA or greater on any noise receptor or abatement measures are found to be feasible and reasonable due to noise impacts	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
16.	May affect and is likely to adversely affect a Federally listed species or designated critical habitat or projects with impacts subject to the BGEPA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
17.	Involves acquisition of land for hardship, protective purposes, or early acquisition	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
18.	Does not meet the latest Conformity Determination for air quality non-attainment areas (if applicable).	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
19.	Any known or potential <u>major</u> hazardous waste sites within the right-of-way.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
20.	Is not included in or is inconsistent with the STIP and/or TIP	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Part 3 Continued - Additional criteria to be completed for disposal of excess right-of-way PCE

1.	Is the parcel part of a SCDOT environmental mitigation effort or could it be used for environmental mitigation?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.	Is there a formal plan to use this parcel for a future transportation project (is it part of an approved LRTP)?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Part 4 - Threshold Definitions

Unusual Circumstances (23 CFR Part 771.117) - Unusual circumstances are defined as:

- a. Significant environmental impacts;
- b. Substantial controversy on environmental grounds;
- c. Significant impact on properties protected by Section 4(f) of the DOT ACT or Section 106 of the National Historic Preservation Act; or
- d. Inconsistencies with any Federal, State, or local law, requirement, or administrative determination relating to the environmental aspects of the action.

Minor Amount of Right-of-Way (ROW):

A minor amount of ROW is defined as less than 3 acres per linear mile for linear projects or less than 10 acres of impacts for non-linear projects (eg: intersections, bridges), and no removal of major property improvements. Examples of major improvements include residential and business structures, or the removal of other features which would change the functional utility of the property. Removal of minor improvements, such as fencing, landscaping, sprinkler systems, and mailboxes would be allowed.

Major Traffic Disruptions:

A major traffic disruption is defined as an action that would result in: a) adverse effects to through-traffic businesses or schools, b) substantial change in environmental impacts, or c) public controversy associated with the use of the temporary road, detour, or ramp closure.

Changes in Access Control:

Requires approval from FHWA for changes in access control on the Interstate system (eg: Interchange Modification Reports or Interchange Justification Reports).

Environmental Commitments: (Check all that apply)

- | | | |
|---|--|---|
| <input checked="" type="checkbox"/> USTs/Hazardous Materials | <input checked="" type="checkbox"/> General Permit | <input type="checkbox"/> Right of Way |
| <input checked="" type="checkbox"/> Water Quality | <input type="checkbox"/> Individual Permit | <input checked="" type="checkbox"/> Floodplains |
| <input checked="" type="checkbox"/> Migratory Bird Treaty Act | <input type="checkbox"/> Essential Fish Habitat | <input type="checkbox"/> Lead Based Paint |
| <input checked="" type="checkbox"/> Stormwater | <input checked="" type="checkbox"/> Cultural Resources | |
| <input type="checkbox"/> Coast Guard Permit Exclusion | <input type="checkbox"/> Noise | <input checked="" type="checkbox"/> Non-Standard Commitment (see below) |

Part of CLRB 2022-1 DB Package 16
 Impacts to jurisdictional waters will be less than thresholds outlined in the USACE approved GP for SCDOT projects. A Public Information Meeting was held for the US 123 and SC 124 bridges on November 10, 2022 from 5 - 7 PM at Tremont Church of God. Additional comments were allowed when northbound bridge added. Please see [Attachment E for the Meeting Summary and comments received.](#)

Relevant field studies and environmental reviews have been completed to determine that the project meets the criteria set forth in the Programmatic Categorical Exclusion Agreement signed by FHWA-SC and SCDOT. It is understood that any additions/deletions to the project may void environmentally processing the project as presently classified; consequently, any engineering changes must be brought to the attention of SCDOT Environmental Services Office immediately. A copy of this form is included in the project file and one (1) copy has been provided to FHWA.

Approved By:

Will McGoldrick

Digitally signed by Will McGoldrick
Date: 2023.03.08 10:37:26 -05'00'

Date

3/8/23

Primavera:

- Yes No

NEPA Start Date:

Sep 27, 2022

Does the project contain additional commitments?: (if Yes attach to form)

- Yes No

Date: 2/16/2023



Project ID: P041233 County: Pickens District: District 3 Doc Type: PCE Total # of Commitments: 8

Project Name: US 123 NB and SB (Calhoun Memorial Highway) Bridge Replacements over Georges Creek

The Environmental Commitment **Contractor Responsible** measures listed below **are to be included in the contract and must be implemented**. It is the responsibility of the Program Manager to make sure the Environmental Commitment **SCDOT Responsible** measures are adhered to. If there are questions regarding the commitments listed please contact:

CONTACT NAME: Michael Pitts **PHONE #:** (803)-737-2566

ENVIRONMENTAL COMMITMENTS FOR THE PROJECT

USTs/Hazardous Materials NEPA Doc Ref: Responsibility: CONTRACTOR

If avoidance of hazardous materials is not a viable alternative and soils that appear to be contaminated are encountered during construction, the South Carolina Department of Health and Environmental Control (SCDHEC) will be informed. Hazardous materials will be tested and removed and/or treated in accordance with the United States Environmental Protection Agency and the SCDHEC requirements, if necessary.

Special Provision

Water Quality NEPA Doc Ref: Responsibility: CONTRACTOR

The contractor will be required to minimize possible water quality impacts through implementation of BMPs, reflecting policies contained in 23 CFR 650B and the Department's Supplemental Specification on Erosion Control Measures (latest edition) and Supplemental Technical Specifications on Seeding (latest edition). Other measures including seeding, silt fences, sediment basins, etc. as appropriate will be implemented during construction to minimize impacts to water quality.

Special Provision

Migratory Bird Treaty Act NEPA Doc Ref: Responsibility: CONTRACTOR

The federal Migratory Bird Treaty Act, 16 USC § 703-711, states that it is unlawful to pursue, hunt, take, capture or kill; attempt to take, capture or kill; possess, offer to or sell, barter, purchase, deliver or cause to be shipped, exported, imported, transported, carried or received any migratory bird, part, nest, egg or product, manufactured or not. The South Carolina Department of Transportation (SCDOT) will comply with the Migratory Bird Treaty Act of 1918 in regard to the avoidance of taking of individual migratory birds and the destruction of their active nests.

The contractor shall notify the Resident Construction Engineer (RCE) at least four (4) weeks prior to construction/demolition/maintenance of bridges and box culverts. The RCE will coordinate with SCDOT Environmental Services Office (ESO), Compliance Division, to determine if there are any active birds using the structure. After this coordination, it will be determined when construction/demolition/maintenance can begin. If a nest is observed that was not discovered after construction/demolition/maintenance has begun, the contractor will cease work and immediately notify the RCE, who will notify the ESO Compliance Division. The ESO Compliance Division will determine the next course of action.

The use of any deterrents by the contractor designed to prevent birds from nesting, shall be approved by the RCE with coordination from the ESO Compliance Division. The cost for any contractor provided deterrents will be provided at no additional cost to SCDOT.

Special Provision

Project ID: P041233

SCDOT
NEPA ENVIRONMENTAL COMMITMENTS
FORM



ENVIRONMENTAL COMMITMENTS FOR THE PROJECT

Stormwater

NEPA Doc Ref:

Responsibility:

CONTRACTOR

Stormwater control measures, both during construction and post-construction, are required for SCDOT projects with land disturbance and/or constructed in the vicinity of 303(d), TMDL, ORW, tidal, and other sensitive waters in accordance with the SCDOT's MS4 Permit. The selected contractor would be required to minimize potential stormwater impacts through implementation of construction best management practices, reflecting policies contained in 23 CFR 650 B and SCDOT's Supplemental Specifications on Seed and Erosion Control Measures (latest edition).

Special Provision

General Permit

NEPA Doc Ref:

Responsibility:

CONTRACTOR

Impacts to jurisdictional waters will be permitted under a Department of the Army Section 404 permit from the U.S. Army Corps of Engineers. Based on preliminary design, it is anticipated that the proposed project would be permitted under SCDOT's General Permit (GP). The required mitigation for this project will be determined through consultation with the USACE and other resource agencies.

Special Provision

Cultural Resources

NEPA Doc Ref:

Responsibility:

CONTRACTOR

The contractor and subcontractors must notify their workers to watch for the presence of any prehistoric or historic remains, including but not limited to arrowheads, pottery, ceramics, flakes, bones, graves, gravestones, or brick concentrations during the construction phase of the project, if any such remains are encountered, the Resident Construction Engineer (RCE) will be immediately notified and all work in the vicinity of the discovered materials and site work shall cease until the SCDOT Archaeologist directs otherwise.

Special Provision

Project ID: P041233

SCDOT
NEPA ENVIRONMENTAL COMMITMENTS
FORM



ENVIRONMENTAL COMMITMENTS FOR THE PROJECT

Floodplains

NEPA Doc Ref:

Responsibility:

CONTRACTOR

The Engineer of Record will send a set of final plans and request for floodplain management compliance to the local County Floodplain Administrator.

Special Provision

Non-Standard Commitment

NEPA Doc Ref:

PCE Attachment F

Responsibility:

CONTRACTOR

Hazardous Waste/UST Phase 2 Testing

Soil testing is recommended for one site within the Project Study Area: Parcel ID #19.
Please refer to Attachment F - Phase 1 Limited Environmental Records Review for additional information and recommendations.

Special Provision

NEPA Doc Ref:

Page: XX Paragraph: XX

Responsibility:

Special Provision

Attachment A – Cultural Resources Project Screening Form

Attachment B – Natural Resources Tech Memo

Attachment C – Bridge Replacement Scoping Risk Assessment Form

Attachment D – Floodplain Checklist

Attachment E – Public Information Meeting Summary & Comments

Attachment F – Phase I Limited Environmental Records Review

Attachment A – Cultural Resources Project Screening Form



Cultural Resources Project Screening Form

File Number: PIN: Route: County:

Project Name:

Type 1: Resurfacing, installation of fencing, signs, pavement markings, traffic signals, passenger shelters, railroad warning devices, installation of rumble strips, and landscaping

Project Type

Type 2: Bridge replacements on alignment, construction of bicycle/pedestrian facilities, and intersection improvements

Type 3: Projects that do not fall into Type 1 and Type 2 categories (e.g. road widening)

Comments

This project replaces the bridge carrying US 123 (Calhoun Memorial Highway) over Georges Creek. The archaeological area of potential effect (APE) is 75 feet from the road centerline (150 feet total) and 1,500 feet from either end of the bridge. The architectural APE extends 300 feet outside of the archaeological APE. HDR conducted background research using ArchSite and the National Register of Historic Places files at the SC Department of Archives and History. HDR conducted a cultural resources field survey on October 10, 2022 and created a short form report detailing the project. The survey consisted of a pedestrian reconnaissance of the entire archaeological APE augmented by the excavation of shovel test pits (STPs). A total of 60 STP locations were investigated. Thirty-eight STPs were not excavated due to slope, wetlands, manicured lawn, fenced pasture, or ground disturbance. The remaining 22 STPs were excavated but produced no cultural resources. No archaeological sites were identified within the archaeological APE. SHPO Site No. 0206 is the only historic resource recorded. It is a Minimal Traditional structure built in the late 1940s, originally as a residence and later used as a commercial building. The resource is recommended not eligible for the National Register of Historic Places (NRHP). The bridge to be replaced is a 5-span T-beam structure built in 1948 (Bridge No. 000000000003537). The structure is 200 feet long with a width between the curbs of 25.8 feet and a cast-in-place concrete deck. The bridge is a very common type built from a standardized and SCDOT built hundreds of T-beam bridges from the 1920s-1950s. The bridge is recorded in the South Carolina Historic Bridge Survey. Although it is over 50 years of age, it was not recorded or formally evaluated for inclusion on the NRHP because it qualifies for streamlined review under the Federal Highway Administration's Program Comment on Post-1945 Bridges. No historic properties will be affected by this project. No additional cultural resources investigations are recommended.

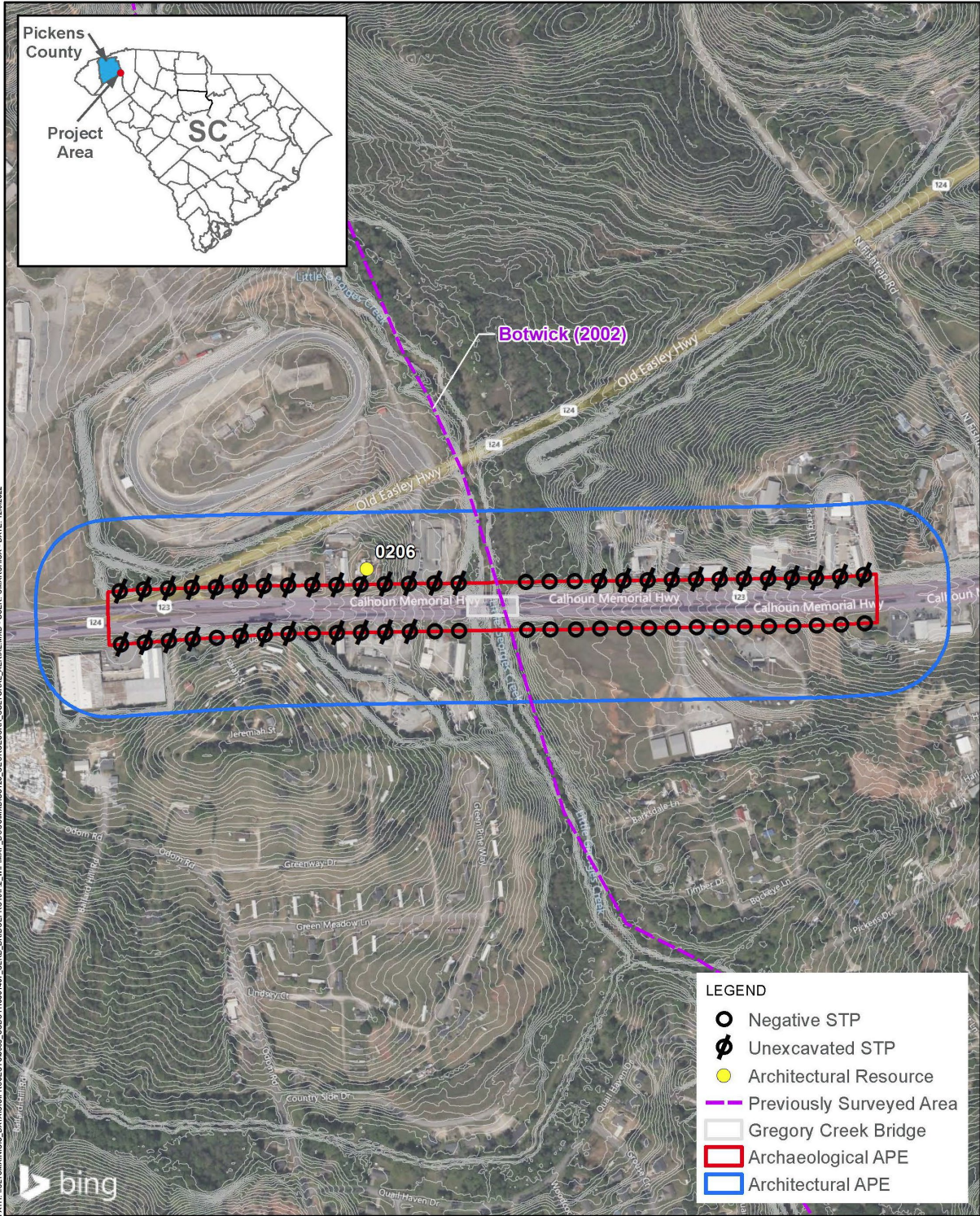
Effect Determination:

*SHPO consultation is required for all Type 3 projects and any project with a No Adverse or Adverse Effect Determination.

This screening form was developed to satisfy documentation requirements for Type I and Type II projects under a Programmatic Agreement between the Federal Highway Administration, the South Carolina State Historic Preservation Office, the US Army Corps of Engineers, and the South Carolina Department of Transportation. For Type I and Type II projects that have no effect on historic properties, the completion of this screening form with supporting documentation (e.g. ArchSite Map) provides evidence of FHWA and SCDOT's compliance with Section 106 of the National Historic Preservation Act.

Prepared by:

Review Date:



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DATE:
NOVEMBER 4, 2022

**Pickens County
US123 Bridge
Replacement Over
Georges Creek**

Project ID:

Attachment B – Natural Resources Tech Memo

Memo

Date: January 3, 2023

Project: US 123 SB Bridge Replacement over George's Creek
SCDOT PIN #P041233

To: Will McGoldrick – SCDOT

From: Michael Inman – HDR
Eric Mularski, PWS – HDR

Subject: **Natural Resources Survey Technical Memorandum**

HDR conducted a natural resources survey for the South Carolina Department of Transportation (SCDOT) US 123 SB Bridge Replacement over George's Creek (Project) on October 10, 2022. The Project will involve the replacement of the US 123 SB Bridge over George's Creek to improve structural integrity, capacity, and/or safety concerns.

The Study Area encompasses approximately 41.7 acres, and primarily consists of commercial and residential properties, undeveloped forested land, and existing road right-of-way along Calhoun Memorial Highway (aka US 123) in Pickens County, South Carolina (Attachment 1, Figures 1 through 3). This technical memorandum provides a summary of HDR's methods and findings from a desktop analysis and on-site natural resources survey. Attached to this memorandum are supporting figures, an SCDOT Permit Determination Form and South Carolina Department of Health and Environmental Control (SCDHEC) Watershed and Water Quality Information Report, HDR's biological assessment, and a USFWS bat habitat consistency letter.

Desktop Analysis Methods

A desktop analysis was completed as part of an initial Study Area evaluation to identify key environmental resources to be considered for permitting and/or design. The potential resources identified in the desktop evaluation were field-verified by HDR to ensure that critical regulatory items will not adversely impact the Project. The following resources were consulted during the desktop analysis:

- Federal Emergency Management Agency (FEMA) Map Service Center (<https://msc.fema.gov/portal>)
- South Carolina Department of Natural Resources (SCDNR) and South Carolina Natural Heritage Program (SCNHP) (<https://schtportal.dnr.sc.gov/portal/apps/sites/#/natural-heritage-program>)
- U.S. Fish and Wildlife Services (USFWS) Environmental Conservation Online System (ECOS) (<https://ecos.fws.gov/ecpl/>)
- USFWS Information for Planning and Consultation (IPaC) (<https://ecos.fws.gov/ipac/>)
- USFWS National Wetland Inventory (NWI) (<http://www.fws.gov/wetlands>)
- U.S. Geological Survey (USGS) National Hydrography Dataset (NHD) (<http://nhd.usgs.gov/>)



- USGS Topographic Quadrangle Maps (1:24,000-scale) Easley (1983) and Greenville (1983) Quadrangle

Wetlands and Jurisdictional Waters of U.S.

On-site reconnaissance activities identified one stream, George's Creek within the Study Area (Attachment 1, Figure 4). Details of this jurisdictional water of the U.S. are provided in Table 1.

Table 1. Summary of Delineated Waters of the U.S. within the Study Area

Feature Name	Coordinates (Decimal Degrees)	Type of Aquatic Resource	Cowardin et al. (1979) Classification ¹	Estimated Amount of Aquatic Resource in Study Area
Streams				
Stream 1 George's Creek	34.831272 -82.496823	non-section 10 - non-wetland	R2UB2	Length: 619 lf Average Width: 30 ft
Total Streams:				Length: 616 lf

¹ R2UB2: Riverine, lower perennial, unconsolidated bottom, with a sand bottom

Based on preliminary bridge design, no impacts to jurisdictional waters are expected during construction. The SCDOT Permit Determination Form has been completed and is provided as Attachment 2 of this memo.

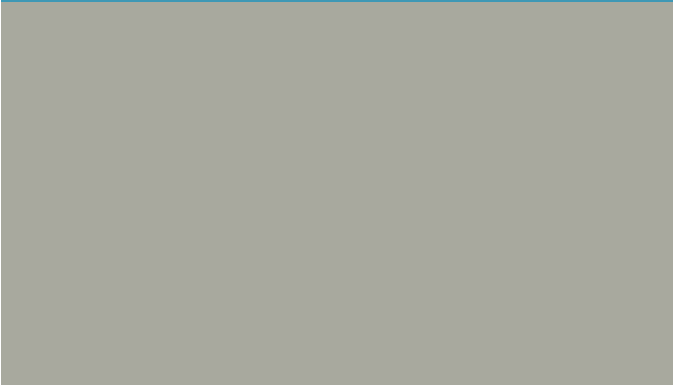
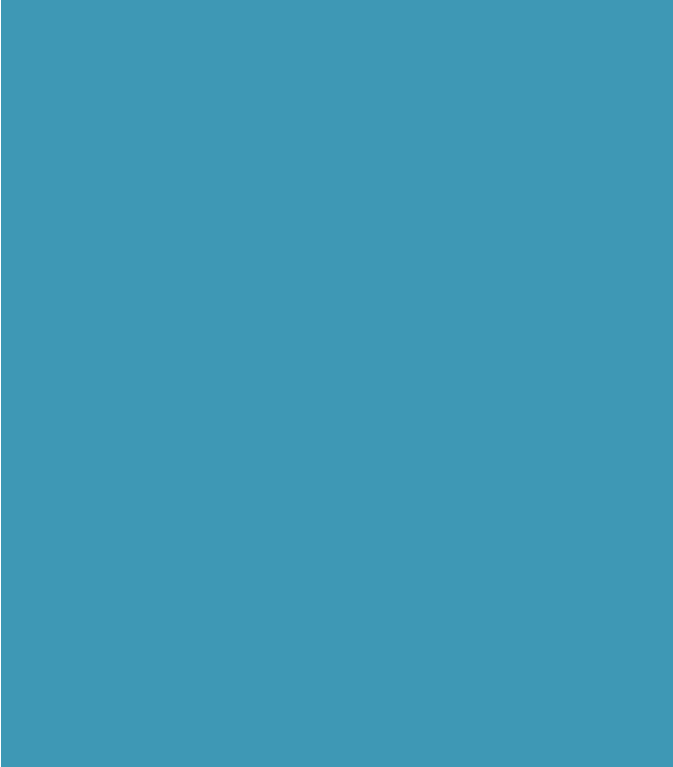
As part of the natural resources assessment, a field survey was conducted on October 10, 2022 within the Study Area pursuant to Section 7 of the Endangered Species Act. Results are provided in HDR's biological assessment (Attachment 3). The USFWS IPaC and county species list was used to determine what potential federally protected species could be on site.

Attachments:

- Attachment 1 – Figures
- Attachment 2 – SCDOT Permit Determination Form and SCDHEC Water Quality Report
- Attachment 3 – Biological Assessment and USFWS Consistency Letter

References

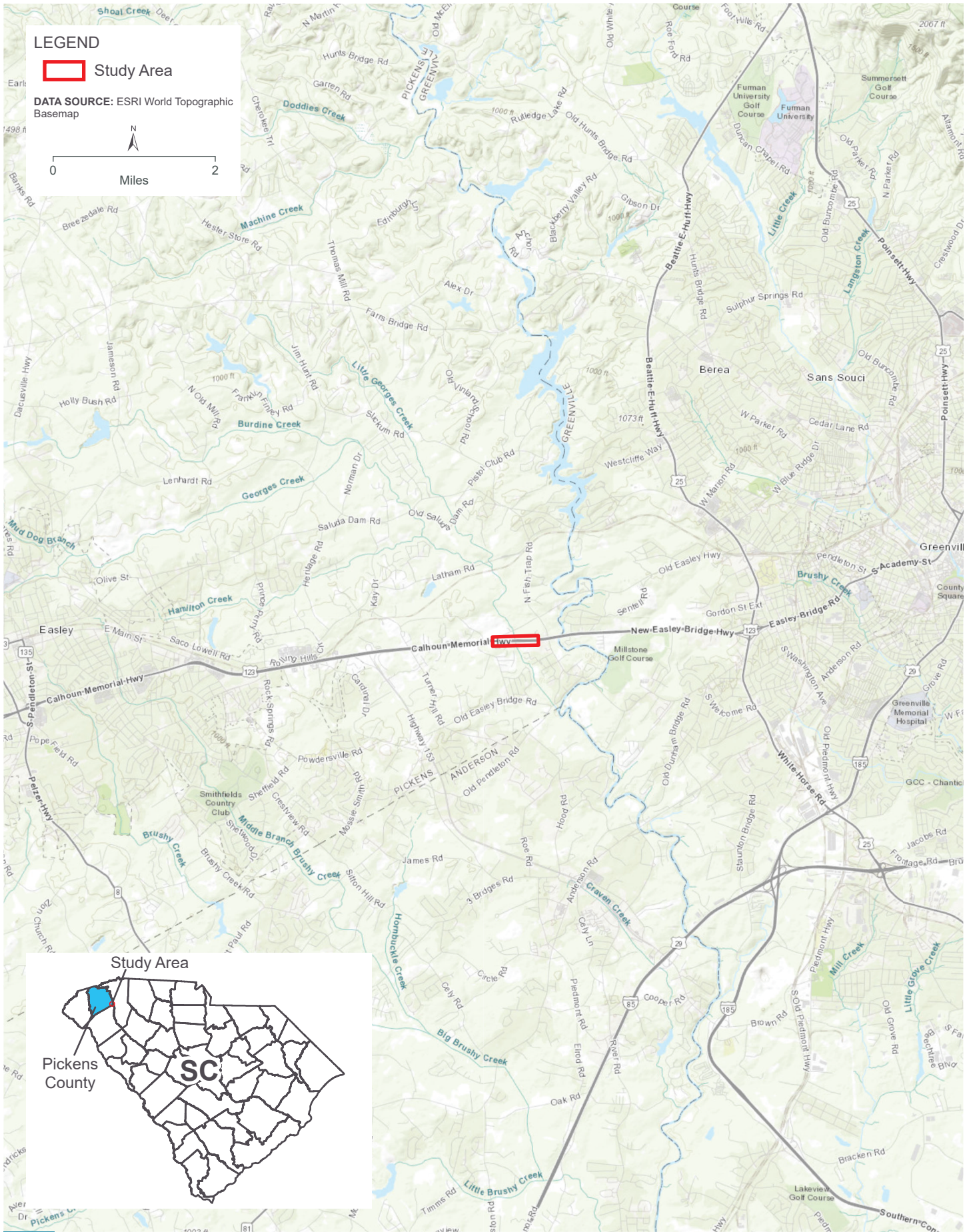
- Cowardin, L.M., Carter, V., Golet, F.C., and LaRoe, E.T. 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service, Washington, D.C.
- Federal Emergency Management Agency (FEMA). 2021. Special Flood Hazard Area Definition/Description. [Online] URL: <http://www.fema.gov/special-flood-hazard-area>. (Accessed May 2022).
- South Carolina Natural Heritage Program (SCNHP). 2022. Data Explorer database. [Online] URL: <https://schtportal.dnr.sc.gov/portal/apps/sites/#/natural-heritage-program>. (Accessed April 2022).



1

Figures






**US-123 BRIDGE REPLACEMENT OVER GEORGES CREEK
 PROJECT VICINITY**

Figure 1



LEGEND

 Study Area (42 acres)

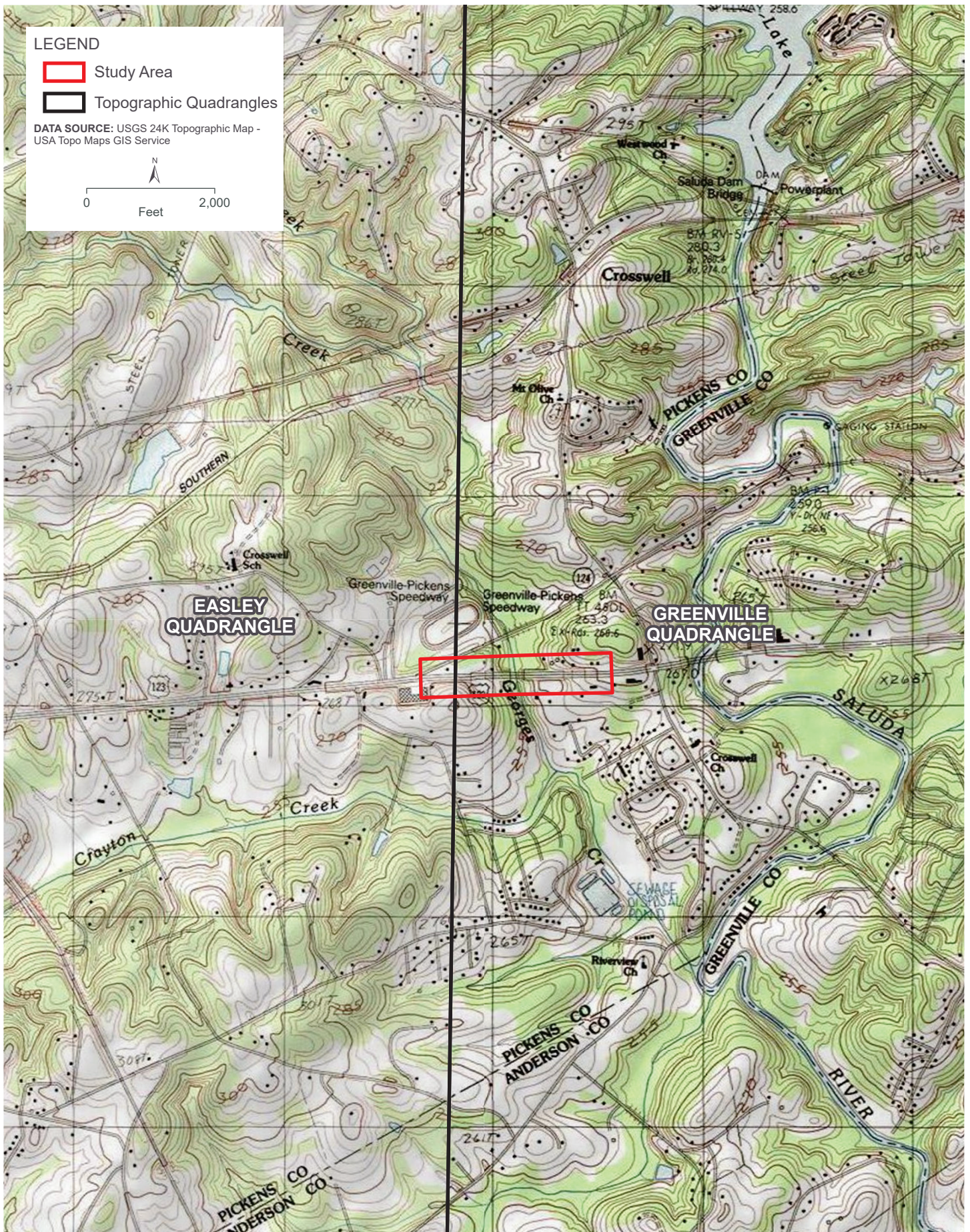
 Bridge

DATA SOURCE: Bing Maps Hybrid Aerial Imagery



US-123 BRIDGE REPLACEMENT OVER GEORGES CREEK
PROJECT AERIAL

Figure 2





US-123 BRIDGE REPLACEMENT OVER GEORGES CREEK
USGS TOPOGRAPHIC QUADRANGLES

Figure 3



LEGEND

-  Study Area
-  HDR Delineated Stream

DATA SOURCE: Bing Maps Hybrid Aerial Imagery



US-123 BRIDGE REPLACEMENT OVER GEORGES CREEK
APPROXIMATE BOUNDARIES OF WATERS OF THE U.S.

Figure 4



2

SCDOT Permit Determination
Form and SCDHEC Water
Quality Report

Date: 12/7/2022

PERMIT DETERMINATION

FROM Michael Inman COMPANY HDR Engineering, Inc.

CONTACT INFO (phone and/or email) michael.inman@hdrinc.com

SCDOT PROJECT ENGINEER Michael Pitts

TO Will McGoldrick - Design Build Coordinator 

Project Description Bridge replacement over George's Creek along US 123 (Calhoun Memorial Highway)
in Pickens County, SC.

Route or Road No. US 123 County Pickens

CONST. PIN P041233 OTHER PINS or STRUCTURE # _____

RESPONSE:

It has been determined that no permits are required because:

The following permit(s) is/are necessary:
(Please check which type(s) of permit the project will need)

USACE Permit GP IP 401 JD

OCRM Permit CAP CZC

Navigable SCDHEC NAVGP – if checked a USCG and/or USACE navigable permit may also be required, but will be determined during the NEPA and Permitting stages.

Other _____

Water Classification: FW  *Print and attach the SCDHEC water quality report*

303(d) listed no yes, for * _____

TMDL developed no yes, for * ECOLI

*List all that apply using the SCDHEC abbreviations

Comments: US 123 Bridge is an existing bridge replacement project. At this time,
impacts should be avoidable.

The determination above was based on the most recently available information at the time. This is a preliminary determination and is subject to change if the design of the project is modified.

 Inman, Michael 12/7/22
Biologist, SCDOT/Consultant Date



Watershed and Water Quality Information

General Information

Applicant Name: SCDOT **Permit Type:** Construction
Address: 3717 CALHOUN MEM HWY, **Latitude/Longitude:** 34.831327 / -82.496853
 EASLEY, SC, 29642
MS4 Designation: Small MS4 **Monitoring Station:** S-007
Within Coastal Critical Area: No **Water Classification (Provisional):** FW
Waterbody Name: GEORGES CREEK **Entered Waterbody Name:**

Parameter Description

NH3N	Ammonia	CD	Cadmium	CR	Chromium
CU	Copper	CG	Mercury	NI	Nickel
PB	Lead	ZN	Zinc	DO	Dissolved Oxygen
PH	pH	TURBIDITY	Turbidity	ECOLI	Escherichia coli (Freshwaters)
FC	Fecal Coliform (Shellfish)	BIO	Macroinvertebrates (Bi)	TP	(Lakes) Phosphorus
TN	(Lakes) Nitrogen	CHLA	(Lakes) Chlorophyll a	ENTERO	Enterococcus (Coastal Waters)
HGF	Mercury (Fish Tissue)	CB	PCB (Fish)		

Impaired Status (downstream sites)

Station	NH3N	CD	CR	CU	HG	NI	PB	ZN	DO	PH	TURBIDITY	ECOLI	FC	BIO	TP	TN	CHLA	ENTERO	HGF	PCB
S-007	F	F	F	F	F	F	F	F	F	F	F	InTN	X	X	X	X	X	X	X	X

F = Standards full supported A = Assessed at upstream station WnTN = Within TMDL, parameter not supported WnTF = Within TMDL, parameter full supported
 N = Standards not supported X = Parameter not assessed at station InTN = In TMDL, parameter not supported InTF = In TMDL, parameter full supported

Parameters to be addressed (those not supporting standards)

ECOLI - Escherichia coli (Freshwaters)

Fish Consumption Advisory

Waters of Concern (WOC)

TMDL Information - TMDL Parameters to be addressed

In TMDL Watershed: Yes **TMDL Site:** S-300
TMDL Report No: 023-04 **TMDL Parameter:** Fecal
TMDL Document Link: https://www.scdhec.gov/sites/default/files/docs/HomeAndEnvironment/Docs/tmdl_usal_da_fc.pdf



Biological Assessment and
USFWS Consistency Letter

Biological Assessment of the
US 123 SB Bridge Replacement over George's Creek
Pickens County, SC
SCDOT PIN #P041233

January 3, 2023

Pursuant to Section 7 of the Endangered Species Act, a field survey was conducted within the project corridor. The following list of threatened (T) and endangered (E) species was obtained from the U.S. Fish and Wildlife Service (USFWS):

Mammals

Northern long-eared bat (*Myotis septentrionalis*) – E
Tricolored bat (*Perimyotis subflavus*) – Proposed Endangered

Reptiles

Bog turtle (*Glyptemys muhlenbergii*) - SAT

Plants

Dwarf-flowered heartleaf (*Hexastylis naniflora*) - T
Mountain sweet pitcher plant (*Sarracenia rubra ssp. Jonesii*) - E
Smooth coneflower (*Echinacea laevigata*) – T

Methods

The project area was examined by GIS and field reconnaissance methods on October 10, 2022. Habitats surveyed were determined by each species' ecological requirements.

Results

The project consists of replacing a bridge and associated road work on US 123 SB Bridge over George's Creek in Pickens County, South Carolina. Land use in the vicinity of the project includes residential and commercial properties, and relatively undisturbed forested land along George's Creek and the floodplain. Habitat types within the project corridor consist of riparian forest along the banks of George's Creek surrounded by upland forested floodplain, highway right of way (ROW), and sewer line ROW.

The riparian areas of the project corridor are dominated by large canopy tree species such as water oak (*Quercus nigra*), green ash (*Fraxinus pennsylvanica*), river birch (*Betula nigra*), American sycamore (*Platanus occidentalis*), box elder (*Acer Negundo*), and sweetgum (*Liquidambar styraciflua*). The understory is dominated by bamboo (*Phyllostachys sp*), giant cane (*Arundinaria gigantea*) and immature species of those found in the canopy. The forested riparian areas within the project corridor are characteristic of bottomland hardwood forest. Bottomland hardwoods are typically found on floodplains of rivers and streams and can occur in the Piedmont as well as the Coastal Plain.

The forested floodplain canopy is dominated by American sycamore and box elder, with the understory consisting of much of the same species. The upper floodplain area is dominated by tulip poplar (*Liriodendron tulipifera*) and American beech (*Fagus grandifolia*).

The ROW area along the US 123 bridges is mostly infested with kudzu (*Pueria montana*). Other areas of the highway and sewer line ROWs consist mostly of herbaceous species such as deer tongue (*Dichantheium clandestinum*), dog fennel (*Eupatorium capillifolium*), horse nettle (*Solanum carolinense*), rabbit tobacco (*Pseudognaphalium luteoalbum*), false nettle (*Boehmeria cylindrica*), and golden rod (*Solidago sp.*).

George's Creek is classified as a perennial, unconsolidated bottom, riverine system. The creek is somewhat incised with areas of active erosion, and it appears that it occasionally overtops its banks during heavy rain events.

According to the Heritage Trust database of endangered, threatened, and rare species, there were no occurrences of any federally listed species in the vicinity of the project. Additionally, a field review of the project study area showed that there is no suitable habitat for any listed species except for northern long-eared bat and tricolored bat. Tricolored bat and northern long eared bat habitat was surveyed and identified within the forested areas on site as well as under the US-123 bridge; however, there was no evidence of bat use. A formal survey for tricolored bat and northern long eared bat was not conducted.

The Project was found to be consistent with the Federal Highway Association biological opinion for northern long-eared bat. A copy of the concurrence letter is attached to this report.

Bog turtles are a semi-aquatic turtle that tend to prefer open-canopy sedge bogs or wet meadows where they can move between water and land. The microhabitats of these types of preferred wetlands allow them to complete their natural life cycle of basking, hibernating, foraging, nesting, and sheltering. This specific type of habitat was not observed along the banks of George's Creek or elsewhere within the project corridor.

Dwarf-flowered heartleaf has a limited range in the piedmont of South Carolina and is typically found in acidic soils along stream banks, however, it was not identified along the banks of George's creek within the study area. Only six known populations of mountain sweet pitcher plant have been observed in South Carolina, all of which are in Greenville County. The study area is not ideal for this species due to the lack of wetland habitat. The dense overstory and limited embankments along the roadway also do not provide suitable habitat for the smooth coneflower.

Based upon the lack of suitable habitat and/or no observations of the listed species in the vicinity of the project, results of the threatened and endangered species study indicate that the proposed action will not affect any threatened or endangered species or critical habitats currently listed by the USFWS.

Submitted by:

A handwritten signature in blue ink, appearing to read 'mld', is positioned at the top left of the page.

Michael Inman
HDR Environmental Scientist
1/3/2023



United States Department of the Interior



FISH AND WILDLIFE SERVICE
South Carolina Ecological Services
176 Croghan Spur Road, Suite 200
Charleston, SC 29407-7558
Phone: (843) 727-4707 Fax: (843) 727-4218
<http://www.fws.gov/charleston/>

In Reply Refer To:
Project code: 2022-0021942
Project Name: US 123

March 21, 2022

Subject: Consistency letter for the 'US 123' project under the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat.

To whom it may concern:

The U.S. Fish and Wildlife Service (Service) has received your request dated March 21, 2022 to verify that the **US 123** (Proposed Action) may rely on the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (PBO) to satisfy requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 *et seq.*).

Based on the information you provided (Project Description shown below), you have determined that the Proposed Action will have no effect on the endangered Indiana bat (*Myotis sodalis*) or the threatened Northern long-eared bat (*Myotis septentrionalis*). If the Proposed Action is not modified, **no consultation is required for these two species**. If the Proposed Action is modified, or new information reveals that it may affect the Indiana bat and/or Northern long-eared bat in a manner or to an extent not considered in the PBO, further review to conclude the requirements of ESA Section 7(a)(2) may be required.

For Proposed Actions that include bridge/culvert or structure removal, replacement, and/or maintenance activities: If your initial bridge/culvert or structure assessments failed to detect Indiana bats, but you later detect bats prior to, or during construction, please submit the Post Assessment Discovery of Bats at Bridge/Culvert or Structure Form (User Guide Appendix E) to this Service Office within 2 working days of the incident. In these instances, potential incidental take of Indiana bats may be exempted provided that the take is reported to the Service.

If the Proposed Action may affect any other federally-listed or proposed species and/or designated critical habitat, additional consultation between the lead Federal action agency and this Service Office is required. If the proposed action has the potential to take bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act

may also be required. In either of these circumstances, please advise the lead Federal action agency accordingly.

The following species may occur in your project area and **are not** covered by this determination:

- Bog Turtle *Glyptemys muhlenbergii* Similarity of Appearance (Threatened)
 - Dwarf-flowered Heartleaf *Hexastylis naniflora* Threatened
 - Monarch Butterfly *Danaus plexippus* Candidate
 - Mountain Sweet Pitcher-plant *Sarracenia rubra* ssp. *jonesii* Endangered
 - Smooth Coneflower *Echinacea laevigata* Endangered
-

Project Description

The following project name and description was collected in IPaC as part of the endangered species review process.

Name

US 123

Description

US 123

Determination Key Result

Based on the information you provided, you have determined that the Proposed Action will have no effect on the endangered Indiana bat and/or the threatened Northern long-eared bat. Therefore, no consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required for these two species.

Qualification Interview

1. Is the project within the range of the Indiana bat^[1]?

[1] See [Indiana bat species profile](#)

Automatically answered

No

2. Is the project within the range of the Northern long-eared bat^[1]?

[1] See [Northern long-eared bat species profile](#)

Automatically answered

Yes

3. Which Federal Agency is the lead for the action?

A) *Federal Highway Administration (FHWA)*

4. Are *all* project activities limited to non-construction^[1] activities only? (examples of non-construction activities include: bridge/abandoned structure assessments, surveys, planning and technical studies, property inspections, and property sales)

[1] Construction refers to activities involving ground disturbance, percussive noise, and/or lighting.

No

5. Does the project include *any* activities that are **greater than** 300 feet from existing road/rail surfaces^[1]?

[1] Road surface is defined as the actively used [e.g. motorized vehicles] driving surface and shoulders [may be pavement, gravel, etc.] and rail surface is defined as the edge of the actively used rail ballast.

No

6. Does the project include *any* activities **within** 0.5 miles of a known Indiana bat and/or NLEB hibernaculum^[1]?

[1] For the purpose of this consultation, a hibernaculum is a site, most often a cave or mine, where bats hibernate during the winter (see suitable habitat), but could also include bridges and structures if bats are found to be hibernating there during the winter.

No

7. Is the project located **within** a karst area?

No

8. Is there *any* suitable^[1] summer habitat for Indiana Bat or NLEB **within** the project action area^[2]? (includes any trees suitable for maternity, roosting, foraging, or travelling habitat)

[1] See the Service's [summer survey guidance](#) for our current definitions of suitable habitat.

[2] The action area is defined as all areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action (50 CFR Section 402.02). Further clarification is provided by the [national consultation FAQs](#).

No

9. Does the project include wetland or stream protection activities associated with compensatory wetland mitigation?

No

10. Does the project include slash pile burning?

No

11. Does the project include *any* bridge removal, replacement, and/or maintenance activities (e.g., any bridge repair, retrofit, maintenance, and/or rehabilitation work)?

Yes

12. Is there *any* suitable habitat^[1] for Indiana bat or NLEB **within** 1,000 feet of the bridge? (includes any trees suitable for maternity, roosting, foraging, or travelling habitat)

[1] See the Service's current [summer survey guidance](#) for our current definitions of suitable habitat.

No

13. Does the project include the removal, replacement, and/or maintenance of *any* structure other than a bridge? (e.g., rest areas, offices, sheds, outbuildings, barns, parking garages, etc.)

No

14. Will the project involve the use of **temporary** lighting *during* the active season?

No

15. Will the project install new or replace existing **permanent** lighting?

No

16. Does the project include percussives or other activities (**not including tree removal/trimming or bridge/structure work**) that will increase noise levels above existing traffic/background levels?

No

17. Are *all* project activities that are **not associated with** habitat removal, tree removal/trimming, bridge and/or structure activities, temporary or permanent lighting, or use of percussives, limited to actions that DO NOT cause any additional stressors to the bat species?

Examples: lining roadways, unlighted signage, rail road crossing signals, signal lighting, and minor road repair such as asphalt fill of potholes, etc.

Yes

18. Will the project raise the road profile **above the tree canopy**?

No

19. Is the location of this project consistent with a No Effect determination in this key?

Automatically answered

Yes, because the project action area is not within suitable Indiana bat and/or NLEB summer habitat and is outside of 0.5 miles of a hibernaculum.

20. Is the bridge removal, replacement, or maintenance activities portion of this project consistent with a No Effect determination in this key?

Automatically answered

Yes, because the bridge is more than 1,000 feet from the nearest suitable habitat and is therefore considered unsuitable for use by bats

Determination Key Description: FHWA, FRA, FTA Programmatic Consultation For Transportation Projects Affecting NLEB Or Indiana Bat

This key was last updated in IPaC on February 24, 2022. Keys are subject to periodic revision.

This decision key is intended for projects/activities funded or authorized by the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and/or Federal Transit Administration (FTA), which may require consultation with the U.S. Fish and Wildlife Service (Service) under Section 7 of the Endangered Species Act (ESA) for the endangered **Indiana bat** (*Myotis sodalis*) and the threatened **Northern long-eared bat** (NLEB) (*Myotis septentrionalis*).

This decision key should only be used to verify project applicability with the Service's [February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects](#). The programmatic biological opinion covers limited transportation activities that may affect either bat species, and addresses situations that are both likely and not likely to adversely affect either bat species. This decision key will assist in identifying the effect of a specific project/activity and applicability of the programmatic consultation. The programmatic biological opinion is not intended to cover all types of transportation actions. Activities outside the scope of the programmatic biological opinion, or that may affect ESA-listed species other than the Indiana bat or NLEB, or any designated critical habitat, may require additional ESA Section 7 consultation.

IPaC User Contact Information

Agency: Department of Transportation

Name: Ann-Marie Altman

Address: 955 Park Street

City: Columbia

State: SC

Zip: 29201

Email altmanam@scdot.org

Phone: 8037370946

Attachment C – Bridge Replacement Scoping Risk Assessment Form

BRIDGE REPLACEMENT SCOPING TRIP RISK ASSESSMENT FORM

COUNTY: _____

DATE: _____

ROAD #: _____

STREAM CROSSING: _____

Purpose & Need for the Project:

I. FEMA Acknowledgement

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

Panel Number: _____ Effective Date: _____ (See Attached)

II. FEMA Floodmap Investigation

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

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

III. No Rise/CLOMR Preliminary Determination

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

Justification:

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

Justification:

BRIDGE REPLACEMENT SCOPING TRIP RISK ASSESSMENT FORM

IV. Preliminary Bridge Assessment

A. Locate Existing Plans

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

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

B. Historical Highwater Data

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

b. SCDOT/USGS Documented Highwater Elevations
 Yes Results: _____
 No

c. Existing Plans Yes See Above
 No

V. Field Review

A. Existing Bridge

Length: _____ ft. Width: _____ ft. Max. span Length: _____ ft.

Alignment: Tangent Curved

Bridge Skewed: Yes No Angle: _____

End Abutment Type: _____

Riprap on End Fills: Yes No Condition: _____

Superstructure Type: _____

Substructure Type: _____

Utilities Present: Yes No
Describe:

Debris Accumulation on Bridge: Percent Blocked Horizontally: _____ %
Percent Blocked Vertically: _____ %

Hydraulic Problems: Yes No
Describe:

BRIDGE REPLACEMENT SCOPING TRIP RISK ASSESSMENT FORM

V. Field Review (cont.)

B. Hydraulic Features

a. Scour Present: Yes No Location: _____

b. Distance from F.G. to Normal Water Elevation: _____ ft.

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

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

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

f. Channel Banks Stable: Yes No

Describe:

g. Soil Type: _____

h. Exposed Rock: Yes No Location: _____

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

C. Existing Roadway Geometry

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

Yes No

Describe:

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

If "No", will the proposed bridge be:

Staged Constructed

Replaced on New Alignment

BRIDGE REPLACEMENT SCOPING TRIP RISK ASSESSMENT FORM

VI. Field Review (cont.)

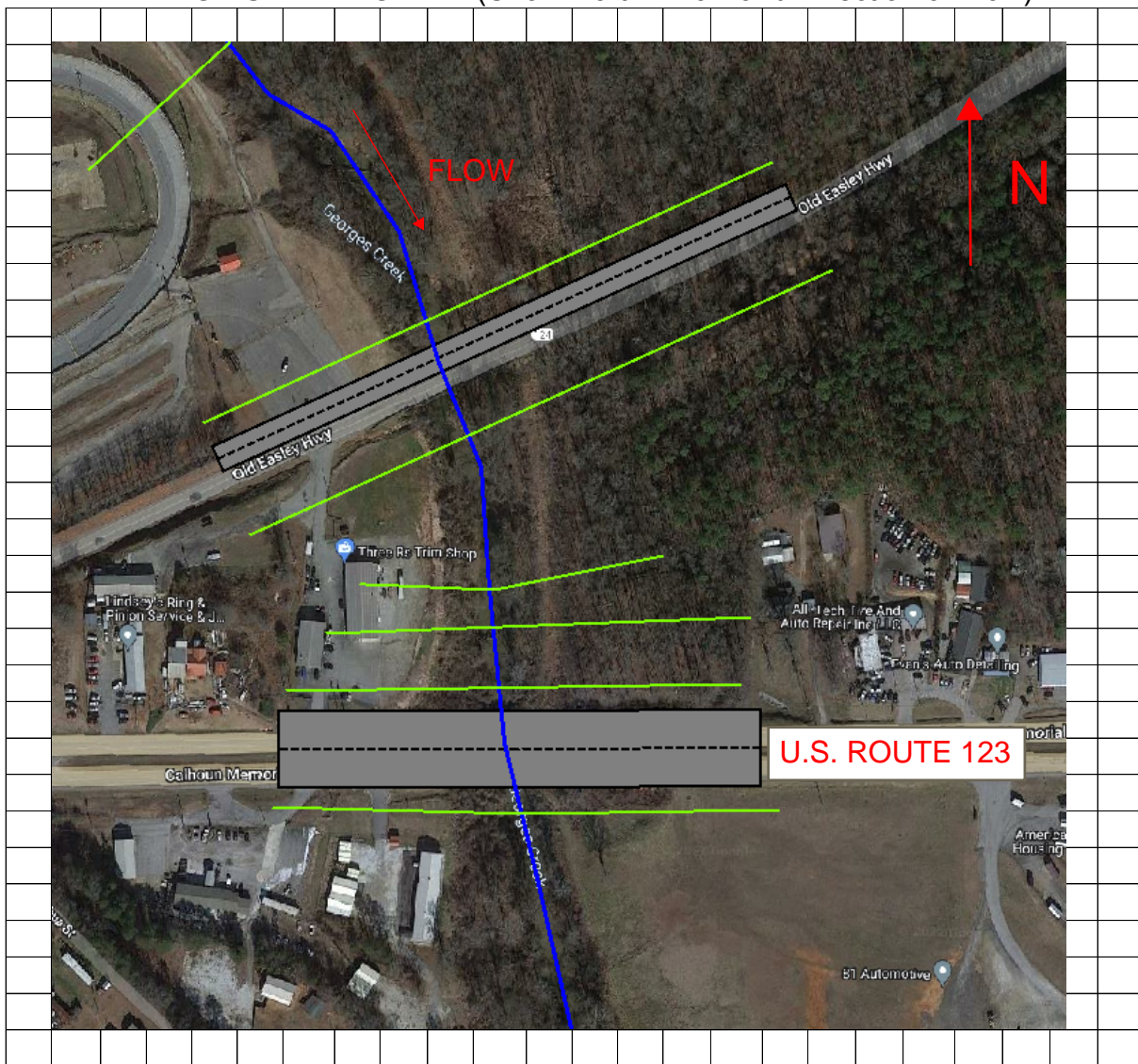
A. Proposed Bridge Recommendation:

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

Span Arrangement: _____

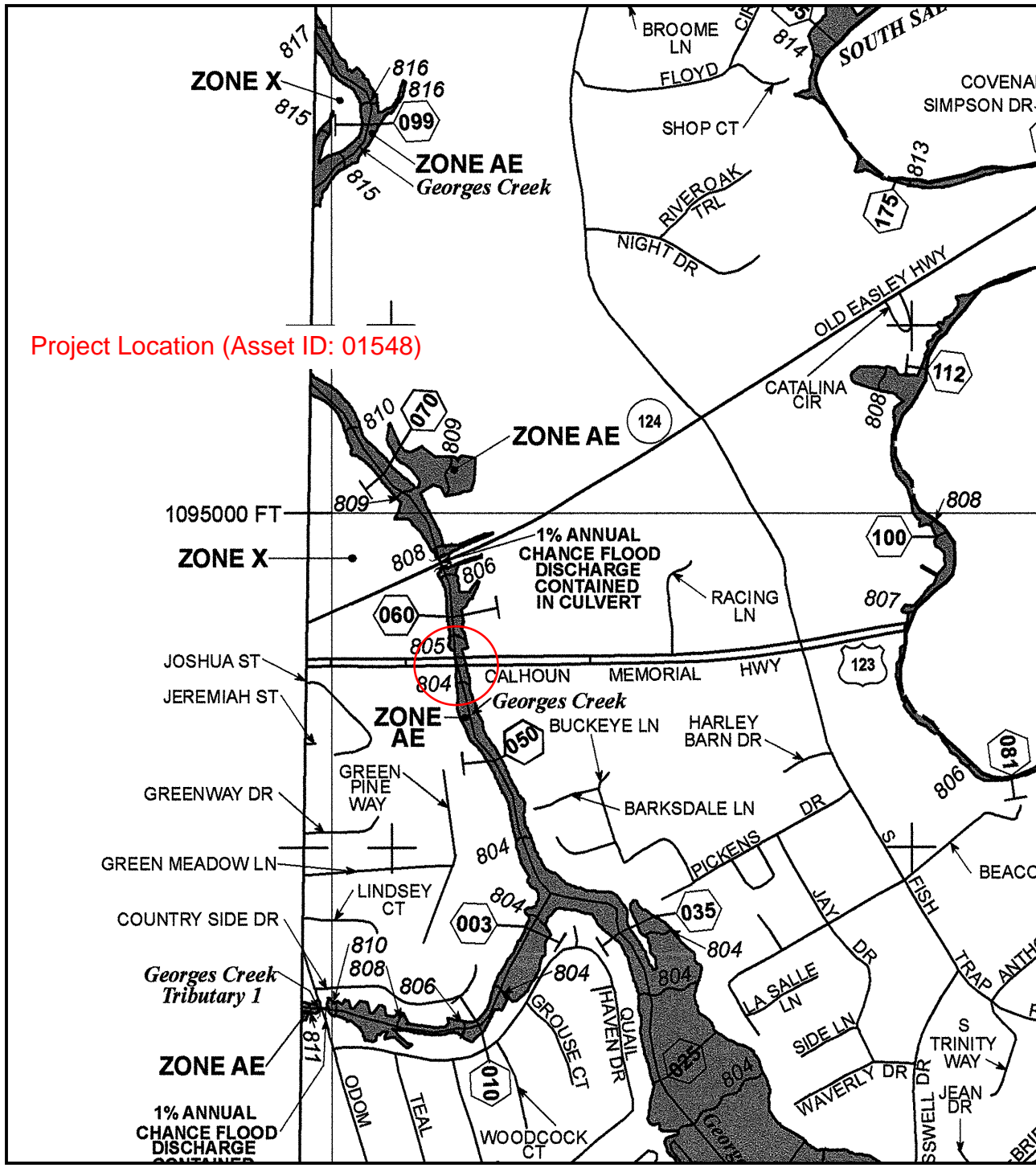
Notes: _____

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



Performed By: _____

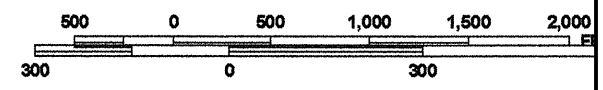
Title: _____



Project Location (Asset ID: 01548)



MAP SCALE 1" = 1000'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0330D

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

PANEL 330 OF 430
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
PICKENS COUNTY	450166	0330	D

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



MAP NUMBER
 45077C0330D
EFFECTIVE DATE
 APRIL 16, 2008

Federal Emergency Management Agency

This is an official FIRMette showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.

Attachment D – Floodplain Checklist

**South Carolina Department of Transportation
Location and Hydraulic Design of Encroachments on Floodplains Checklist**

23 CFR 650, this regulation shall apply to all encroachments and to all actions which affect base floodplains, except for repairs made with emergency funds. Note: These studies shall be summarized in the environmental review documents prepared pursuant to 23 CFR 771.

I. PROJECT DESCRIPTION

The South Carolina Department of Transportation (SCDOT) proposes to replace the load restricted bridge crossing of Georges Creek along U.S. Route 123 (Calhoun Memorial Hwy) in Pickens County.

The proposed improvement would replace the bridge and include associated roadway improvements to accommodate the proposed bridge.

- A. Narrative Describing Purpose and Need for Project
- a. Relevant Project History:
 - b. General Project Description and Nature of Work (attach Location and Project Map):
 - c. Major Issues and Concerns:

The primary purpose of the project is to replace the bridge to correct the load restriction placed on it and restore all bridge components to good condition. Roadway improvements are limited to those associated with accommodating the new structure.

The project crosses Georges Creek which is shown on the Flood Insurance Rate Map (FIRM) Panel 45077C033D. Georges Creek is designated as a Special Flood Hazard Area Zone AE without an established floodway in the vicinity of the project. The project is not expected to be a significant or longitudinal encroachment as defined under 23 CFR 650A, nor is it expected to have an appreciable environmental impact on the base flood elevation. In addition, the project would be developed to comply with all appropriate floodplain regulations and guidelines.

- B. Are there any floodplain(s) regulated by FEMA located in the project area?
Yes No

C. Will the placing of fill occur within a 100-year floodplain?

Yes

No

D. Will the existing profile grade be raised within the floodplain?

The roadway grade will be raised to accommodate the larger bridge structure.

E. If applicable, please discuss the practicability of alternatives to any longitudinal encroachments.

Minor longitudinal encroachments are expected based on the revised roadway profile.

F. Please include a discussion of the following: commensurate with the significance of the risk or environmental impact for all alternatives containing encroachments and those actions which would support base floodplain development:

a. What are the risks associated with implementation of the action?

Risks are minimal; the project will replace the existing bridge with larger bridge opening. The increased opening will have a negligible impact on the BFE's along the floodplain.

b. What are the impacts on the natural and beneficial floodplain values?

The project is not expected to impact the floodplain values, as the hydraulics will be retained/improved.

c. What measures were used to minimize floodplain impacts associated with the action?

A similar bridge size will be used.

- d. Were any measures used to restore and preserve the natural and beneficial floodplain values impacted by the action?

Not applicable.

- G. Please discuss the practicability of alternatives to any significant encroachments or any support of incompatible floodplain development.

The impacts are not considered significant encroachments and would not support incompatible floodplain development. The proposed project will have no significant impact to base flood elevations along the stream and will not impact the potential for development within the floodplain.

- H. Were local, state, and federal water resources and floodplain management agencies consulted to determine if the proposed highway action is consistent with existing watershed and floodplain management programs and to obtain current information on development and proposed actions in the affected? Please include agency documentation.

All analysis for the project was performed in accordance with SCDOT, FEMA, and local regulations.

As the project progresses to final construction plans, the hydraulic modeling will be updated based on the final bridge layout.

____ Thomas Miller _____

____ 12-8-2022 _____

SCDOT Hydraulic Engineer

Date

**Attachment E – Public Information Meeting
Summary & Comments**

Meeting Summary

Project:	SCDOT Closed and Load Restricted Bridge Project
Subject:	Package 16 Public Information Meetings
Date:	Thursday, November 10, 2022 5:00 p.m. – 7:00 p.m.
	Tuesday, November 15, 2022 5:00 p.m. – 7:00 p.m.
Location:	Tremont Church of God Secona Baptist Church

February 2023 Updated Outreach

Originally, the US 123 Southbound Bridge was proposed to be replaced, with the US 123 Northbound Bridge to be retained. In February of 2023, the US 123 Northbound Bridge was added to the project for replacement.

Due to the addition of the US 123 Northbound Bridge, additional outreach was completed to the surrounding area via postcard mailers. These mailers shared information about the bridge addition to the project and invited individuals to share feedback with the project team.

The postcard mailers were sent to the same postal codes for the US 123 project area that were included in the November 2022 project outreach mailing.

An additional comment period was offered to the public for 15 days, starting February 21, 2023 and ending March 8, 2023.

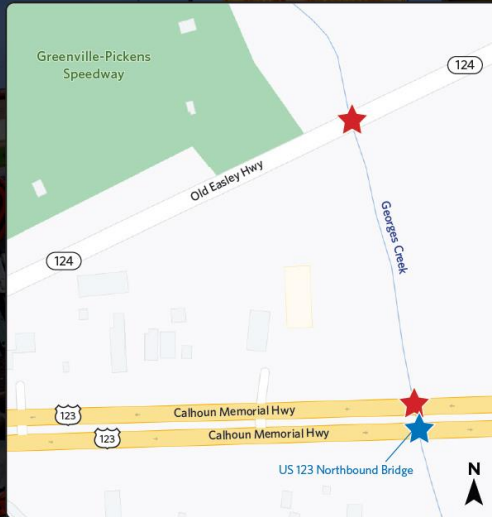
Outreach Type	Number of Recipients	Type of Recipients	Date Sent
Postcard	3,549	<ul style="list-style-type: none">• General Public• Mailed via Every Door Direct Mail Service• Sent to all postal routes surrounding the project area.	Mailed week of February 20, 2023

An image of the postcard mailer is shown below.



UPDATED PUBLIC ANNOUNCEMENT

Package 16 Closed and Load Restricted Bridge Replacements in Pickens County



A public meeting was held for this project in November 2022. Since that meeting, the US 123 Northbound Bridge has been added to the project for replacement (blue star on map). The South Carolina Department of Transportation (SCDOT) invites you to review the proposed addition to the project and provide your comments.

SCDOT proposes to replace the US 123 Southbound & Northbound Bridges and the SC 124 Bridge over Georges Creek as indicated on the map. The proposed project would replace the bridges to meet current design and safety standards. Please visit the project website below for more information.

www.scdotgis.online/CLRBPackage16_Pickens

SCDOT will accept official public comments through 3/8/23.

Questions or concerns, please contact the SCDOT Project Manager: Michael Pitts at (803) 737-2566 or PittsME@scdot.org.

November 2022 Meeting Overview

The South Carolina Department of Transportation (SCDOT) proposes to replace four bridges in Pickens County. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The proposed facilities are comprised of two and four lane roadways with 12-foot travel lanes and paved shoulders. The four bridges are SC 183 Bridge (Walhalla Highway) over Gregory Creek, SC 183 Bridge (Walhalla Highway) over Twelve-Mile Creek, US 123 Bridge (Calhoun Memorial Highway) over Georges Creek, and SC 124 Bridge (Old Easley Highway) over Georges Creek.

The purpose of these projects is to replace the bridges to correct the load restriction placed on them as well as restore all bridge components to good condition. The existing bridges are posted for load restrictions and have one or more components in poor condition. The proposed work involves replacing the current bridges with a new bridge on existing or shifted alignments.

Two meetings were held in person, with a location close to each set of bridges (SC 183 bridges and US 123/SC 124 bridges). On November 10, 2022, SCDOT held a public information meeting regarding proposed improvements to the US-123 Southbound Bridge and SC-124 Bridge over Georges Creek in Pickens County. The meeting was held from 5:00 PM until 7:00 PM at Tremont Church of God, located at 2853 New Easley Highway, Greenville, SC 29611. On November 15, 2022, SCDOT held a public information meeting regarding proposed improvements to the SC-183 Bridges over Twelve Mile Creek and Gregory Creek in Pickens County. The meeting was held from 5:00 PM until 7:00 PM at Secona Baptist Church, located at 234 Secona Rd, Pickens, SC 29671.

The meetings were open to the public and provided an opportunity for the public to submit formal comments. The comment period for the projects began November 1 and ended on November 30, 2022.

Information about the projects, including meeting displays, was available on the website throughout the duration of the comment period. A comment form was also available. The project website can be accessed at: <https://scdot-environmental-project-site-scdot.hub.arcgis.com/pages/clrb-package-16-br>.

November 2022 Meeting Outreach

Leading up to the public meetings and comment period, the project team executed several outreach strategies to maximize public participation. The outreach activities completed are listed in the table below.

Outreach Type	Number of Recipients	Type of Recipients	Date Sent
Postcard	5,485 (two mailings, one per area)	<ul style="list-style-type: none"> General Public Mailed via Every Door Direct Mail Service Sent to all postal routes surrounding the project areas. 	Mailed week of October 31, 2022
Facebook Advertisements	3,881 people were reached via the two Facebook ads	<ul style="list-style-type: none"> General public The Facebook ads were directed at people living within a 15-mile radius of the project area. <p><i>*Additional statistics available in the following table.</i></p>	November 7 – November 10, 2022 November 7 – November 15, 2022
Stakeholder and Elected Official Letters/Emails	42	<ul style="list-style-type: none"> An email was sent to elected officials and key stakeholders via email by SCDOT 	November 1, 2022
Press Release	N/A	<ul style="list-style-type: none"> Local Media & General public via published or aired stories Distributed via SCDOT media office HDR provided content to SCDOT team for release. 	November 1, 2022
Legal Ad	N/A	<ul style="list-style-type: none"> General Public Placed in the Greenville News, Sentinel Progress and Pickens County Courier 	November 1, 2022 November 2, 2022
Road Signs	N/A	<ul style="list-style-type: none"> General Traveling Public Posted on both entrances of each bridge to alert regular bridge users 	Late October placement

of the public meeting and comment period.

Additional statistics regarding the Facebook advertisements are shown in the table below.

Facebook Advertisement Results	
Number of Facebook Ads	2
Total Spend	\$100.00
Dates	November 7 – November 10, 2022 November 7 – November 15, 2022
# of People Reached	3,881 November 10 Meeting Ad: 2,220 people reached November 15 Meeting Ad: 1,661 people reached

November 2022 Meeting Participation

Statistics regarding public participation in the Public Information meetings are shown in the table below.

Virtual Public Information Meeting Results	
Total Meeting Attendees	Total Attendees - 35 November 10 Meeting – 14 November 15 Meeting - 21
Total Comments	Total Comments - 16 November 10 Meeting – 3 November 15 Meeting – 6 Website Comment Form – 6 Email to Michael Pitts – 1

*Sign in sheets for each meeting can be found below in **Appendix A**. Comment forms for each meeting, as well as a table of online comments, can be found below in **Appendix B**.*

November 2022 Meeting Content

The meeting was comprised of five meeting display boards, three project area maps, and a project informational handout. A comment station was also available. Information about the projects was also available online via the project website. Comments could be submitted via in person comment form, website comment form, email, mail, or phone.

*Display board content can be found in **Appendix C** below.*

*Meeting photos can be found in **Appendix D** below.*

Appendix A

November 10, 2022



Public Information Meeting: Sign-In Sheet

Closed and Load Restricted Bridge Project – Package 16
November 10, 2022

Name	Organization	Email Address	Phone	Initial
Joan Tolley		jamesandjoantolley@yahoo.com	864-269-3803	JT
JAMES Tolley		"	"	JT
Julie Ferguson		jferguson@wilsonferguson.com	803-280-6939	JF
Dennis Garber		dennis.garber@ice-eng.com		DG
Bret Clark		Hyper Formac LLC@aol.com	843-340-3965	BC
Drew Deady		shoaily123@yahoo.com	804-483-0844	DD
KRISTIN FREDERICKSON				KF
Martin Bowen		dwiteta@yahoo.com		MB
Penny Pickens		phillips.sp@edmsmith.com	(864) 567-6821	PP
Katie Carver	Stillwater Distal center	carver@gmail.com	804-777-3055	KC
Gary Cannon	Tremont Church of God	gary.cannon4850@gmail.com		GC
Jonathan King		J.King.steelcreator@gmail.com	864-915-5598	JK
CHRIS RASCO	POWERSVILLE WATER	CRASCO@POWERSVILLEWATER.ORG	864-918-5868	CR
Alyssa Rasco			864-887-0374	AR

November 15, 2022



Public Information Meeting: Sign-In Sheet

Closed and Load Restricted Bridge Project – Package 16
November 15, 2022

Name	Email Address	Phone	Address
Lee Cason	Lee@thestillwatergroup.net	864-419-1990	101 Mc Junkin Drive Pickens
Patsy Bailey	baileyscountrystore@yahoo.com	864-430-3179	110 Nimmons Rd. Sunset
Tom Smith	t.smith4697@gmail.com	864-483-6415	118 Haldan Cove, Six Mile
Tygh Pace		(864) 419-3456	278 Dobsonfork R Enley R
Chip Denny		864-483-7244	218 Blacksnake Rd Pickens
Mark Gordon			2450 Walkie Hwy
Cheryl Dunham	Cheridance@Live.com	941-466-8024	1143 Walkie Hwy
Donnie Patterson		864-852-1831	1203 Belle Shale Rd
Daniel Whitman		864-868-2164	
Fay Hillspie		864-767-0198	622 Amberwood Rd.
Jeff Cason	snakesessiv@aol.com		447 Walkie Hwy, Pickens 29671



Public Information Meeting: Sign-In Sheet

Closed and Load Restricted Bridge Project – Package 16
November 15, 2022

Name	Email Address	Phone	Address
Terry D. Galloway	Tdgalloway@bellsouth.net	664-404-9706	433 Mill Creek Rd. Pickens
Ryan Alexander	Ryan grade 955 at Yahoo.com <small>for chg 8/8 @ yahoo.com</small>	864-505-1658	121 Martin School Rd. Pickens
Allen's Holder	128 Holder Knob R.	864-382-1002	128 Holder Knob Rd. Pickens
Ricky Powell	RAPOSS@ARTLINK.NET	864-506-1422	258 Amberwood Rd. Pickens
WES SPENCER	wes.spencer@KCI.com	864-219-2584	
Tammy Bobo	tammybobo@gmail.com	864-905-5546	920 All good bridge rd, Pickens
Jim CAPAKI	HOSPICE CHARTER.NET	864-678-0799	BAKVAIlgood Br.
Joe DUNN	smokin_joe@charter.net	864-350-1929	161 MARTIN SCHOOL RD. PICKENS
Pat Mulkey	PMulkey2@gmail.com		
Joe Dunham	CHEARDON@LIVE.COM	714-428-8244	1143 GUALMARA HWY

Appendix B
November 10, 2022



**PUBLIC INFORMATION MEETING
COMMENT SHEET**
Comments are due by November 30, 2022

**CLOSED AND LOAD RESTRICTED BRIDGE – PACKAGE 16
PICKENS COUNTY**

NAME

Mr, Mrs, Ms, Mr & Mrs

Best Eric

(Please choose one:)

MAILING ADDRESS

3668 Calhoun Memorial Hwy Greenville SC 29611

Street/Route

City

State

Zip Code

PHONE NUMBER

843-340-3965

EMAIL Hyperformance LLC @ gmail.com

COMMENTS

Renovating yellow pole @ 3668 Calhoun Memorial

Mail Comments to:



SCDOT – Michael Pitts
PO Box 191
Columbia, SC 29202-0191
Or make verbal comments by phone: 1-803-737-2566
Or email to PittsME@scdot.org

NOTE: Information provided, including name and address, will be published and is subject to disclosure under the Freedom of Information Act.



South Carolina
Department of Transportation

**PUBLIC INFORMATION MEETING
COMMENT SHEET**
Comments are due by November 30, 2022

**CLOSED AND LOAD RESTRICTED BRIDGE – PACKAGE 16
PICKENS COUNTY**

NAME

Mr, Mrs, Ms, Mr & Mrs

Mr. Jonathan King

(Please choose one:)

MAILING ADDRESS

140 North Fish Trap Easley SC 29640

Street/Route

City

State

Zip Code

PHONE NUMBER

864 915 5598

EMAIL

JKing Steel erector@gmail.com

COMMENTS

The 124 /123 Bridge construction

If lanes or road closures may effect traffic on our stretch of road between 123 & 124 I would ask if some modifications to red lights @ 123 + 124 N. Fishtrap be made to accomadate extra traffic w/turn lights to move traffic safely thru intersections these turn lights would improve safety even ~~now~~ now before any bridge work adds traffic to our road

Thank you for your time

Mail Comments to:



SCDOT – Michael Pitts
PO Box 191
Columbia, SC 29202-0191
Or make verbal comments by phone: 1-803-737-2566
Or email toPittsME@scdot.org

NOTE: Information provided, including name and address, will be published and is subject to disclosure under the Freedom of Information Act.



**PUBLIC INFORMATION MEETING
COMMENT SHEET**
Comments are due by November 30, 2022

**CLOSED AND LOAD RESTRICTED BRIDGE – PACKAGE 16
PICKENS COUNTY**

NAME

Mr, Mrs, Ms, Mr & Mrs

Martin Bowen AND Kristin Fredericksen

(Please choose one:)

MAILING ADDRESS

206 Riverview Drive Greenville SC 29611

Street/Route City State Zip Code

PHONE NUMBER

864-650-3498

EMAIL

dwt@t@yahoo.com

COMMENTS

We live in Rivendale Neighborhood (off of Senteil) and would request that no detours be routed through the neighborhood (related to bridges on 123 and 124). The community has a two-lane road and several children/pedestrians that walk. It would be a safety concern with an increased traffic volume with the level of current pedestrian traffic.

Thank you-

Mail Comments to:



SCDOT – Michael Pitts
PO Box 191
Columbia, SC 29202-0191
Or make verbal comments by phone: 1-803-737-2566
Or email to PittsME@scdot.org

NOTE: Information provided, including name and address, will be published and is subject to disclosure under the Freedom of Information Act.

November 15, 2022



Public Comment Form

Public Involvement

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

Contact Information:

Name: Jim CAPALDI
Phone Number: 864 678-0799
Email Address: HOSP@CHARTER.NET
Street Address: 846 ALLGOOD BL. RD.

Interest in this Project (Please check one):

Business Owner___ Community Group___ Resident/Property Owner
Roadway Traveler___

Please provide any comments or questions below:

The ALLGOOD BL RD. IS BREAKING UP IN
FRONT OF MY HOME. SOMEWHAT CONCERNED
ABOUT THE VISIBILITY WITH THE TURNS & HILLS.





South Carolina Department of Transportation

Public Comment Form

Public Involvement

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

Contact Information:

Name: Patsy Bailey

Phone Number: 864-430-3119

Email Address: baileyscountrystore@yahoo.com

Street Address: 1427 Waballa Hwy Pickens, SC 29671

Interest in this Project (Please check one):

Business Owner Community Group Resident/Property Owner

Roadway Traveler

Please provide any comments or questions below:

thanks for info! Glad you are not closing
the bridge. Pickens County Flea Market has
been in business for 50 years!





South Carolina Department of Transportation

Public Comment Form

Public Involvement

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

Contact Information:

Name: Chip Dunn + Joe Dunn
 Phone Number: 864-483-7244 864-350-1879
 Email Address: smokin_joe@charter.net
 Street Address: 1270 Walthalla Hwy Pickens

Interest in this Project (Please check one):

Business Owner Community Group Resident/Property Owner
 Roadway Traveler

Please provide any comments or questions below:

We hope that the project would not take
any of our land. at S.C. Dunn + Sars Hbr,
We also would like to see a turning lane
at the flea market to help traffic on
Wednesdays.





South Carolina Department of Transportation

Public Comment Form

Public Involvement

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

Contact Information: *Daniel +*

Name: *Cheryl Dunham*

Phone Number: *941-468-8024*

Email Address: *Cheridan@live.com*

Street Address: *1143 Walthalla Hwy.*

Interest in this Project (Please check one):

Business Owner Community Group Resident/Property Owner

Roadway Traveler

Please provide any comments or questions below:

The flea market on Wednesdays causes a lot of traffic congestion. At times traffic is stopped in front of our house. We would welcome a detour during construction.





South Carolina Department of Transportation

Public Comment Form

Public Involvement

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

Contact Information:

Name: Tammy Bobo

Phone Number: 864 905 5546

Email Address: tammybobo@gmail.com

Street Address: 920 Allgood Bridge Rd Pickens

Interest in this Project (Please check one):

Business Owner Community Group Resident/Property Owner

Roadway Traveler

Please provide any comments or questions below:

Been told traffic will not be detoured thru. Allgood Br Rd, so glad. Allgood Br. Rd is dangerous, curvy, with many blind spots





South Carolina Department of Transportation

Public Comment Form

Public Involvement

SCDOT appreciates your participation and involvement in this project. Your thoughts and comments are important to us!

Contact Information:

Name: Tom Smith
Phone Number: 864-483-6415
Email Address: tsmith4697@gmail.com
Street Address: 118 Hidden Lane Six Mile SC 29682

Interest in this Project (Please check one):

Business Owner Community Group Resident/Property Owner
Roadway Traveler

Please provide any comments or questions below:

I understand that traffic will not be impacted
during this period. That is a good thing —



Online & Email Comment Table

Comment Date	Commenter Name	Comment
11/3/2022	Kelli Lancaster	"Will the traffic on Hwy 183 bridge project be re-routed through Allgood Bridge Road? When the bridge was repaired previously the traffic was re-routed and this put quite a bit of stress on the asphalt on our road. There are now pot holes on Allgood Bridge Road. Thank you for your response."
11/11/2022	Jared Davis	I live in the Riverdale community between 123/124. When the bridge on 123 was closed for a couple months over the summer I have some concerns for a longer closure with the amount of traffic going through our community. I am interested in how traffic will be routed and if it will be possible to make it not easy to use our neighborhood as a short cut. If there is no way to avoid it is it possible to get a 3 way stop sign at Knollview Dr and Sentell rd. We have tried for years but are always told it doesn't meet the threshold. I can tell you from walking my kids around the neighborhood people speed down sentell and if traffic is added this will be too dangerous to walk anymore. If you have any questions please let me know.
11/14/2022	Amy Johnson Ely	The link to the project of 2 Greenville co. bridges, is for Pickens. Please get the one for the right project up. Thanks!
11/16/2022	David R McJunkin	"i have reviewed the packages for both of the 183 bridges and are concerned about where traffic will be re routed. IF you guys use algoood bridge road as you did last time work was done on the bridge, this will again absolutely destroy algoood bridge road. if you are going to use this as the detour for 2.5 years, that would be a really bad situation to put a lot of folks in. if on the other hand you plan on leaving 183 open and putting the new bridges along side the old, that would be better, but i did not see that in any of the documents i have reviewed. What are the plans for traffic along 183 during the contruction time freamer? will the new bridges go in exactly the same location as the old? Based upon the bridge replacement on Belle Shols road in the recent past, i hope you do a better and more lasting job on these 2. That bridge has already had to have major work done on it VR David R McJunkin"
11/16/2022	Jackson Hurst	I approve and support SCDOT's Closed and Load Restricted Bridge Package 16 Pickens County Project. The aspect that I love about SCDOT's Closed and Load Restricted Bridge Package 16 Pickens County Project is that the following bridges: SC-183 over Gregory Creek, SC-183 over Twelve Mile Creek, SC-124 over Georges Creek, and SC-123 over Georges Creek will be replaced with bridges that are safer and up to current design standards.
11/30/2022	Dean Porter	Concerning the SC183 bridge project; what is the timeline for these two bridge replacements? The overall ~2.5 yr timeline given for the CLRB16 project encompasses 4 bridges as I read it. Just looking for a more detailed timeline on the SC183 portion.
11/30/2022	Dean Porter	"Dear Mr. Pitts, I apologize for an individual email versus using the comment function on the SCDOT project website. I did not realize it was a survey with a once and done setup. I had some additional questions to the one I submitted. All of these following questions are making the assumption that Allgood Bridge Rd will be the detour route for the duration of the project. 1. Concerning the SC-183 bridge replacement portion; What additional safeguards are planned for the intersection of Hwy 183 with Allgood Bridge Rd and Mile Creek roads?"

		<p>a. This difficult intersection became more so during the temporary closure of Hwy 183 in the summer/fall of 2020. This was when the Twelve Mile Creek bridge was closed for emergent structural upgrades.</p> <p>b. While westbound 183 traffic was reduced to local traffic only, the offset Mile Creek head-on and assumed right turning eastbound 183 traffic patterns made the required left turn from Allgood bridge Rd to Hwy 183 more dangerous.</p> <p>c. Has a temporary 3 or 4 way stop been considered?</p> <p>2. What actions are planned for the maintaining the condition of Allgood Bridge Rd road during or following the project?</p> <p>a. Allgood Bridge Rd took a heavy toll in wear and tear during the ~6 month closure in 2020.</p> <p>3. What specific actions are being done to minimize the time Hwy 183 will be out of service?</p> <p>a. During the emergent nature of the Twelve Mile bridge closure in the fall of 2020, road closure signs were implemented well before repairs could start. This was understandable given the materials and contract planning needed for an emergent repair. With these repairs being scheduled, it is reasonable to expect road closure to closely coincide with work start.</p> <p>4. Are there any plans to work the Twelve Mile and Gregory Creek bridges in parallel?</p> <p>a. Allgood Bridge Rd road is a secondary road, as you are aware, and not fully designed to handle the designed volume of Hwy 183 traffic. This was a burden to the residents living on Allgood Bridge Rd and to a lesser extent the residents/traffic from Amberwood Rd. As Amberwood Road is a popular short cut for Easley/Greenville traffic that ties back into Hwy 183 at Hillcrest Cemetery/Dillard Memorial Funeral Home.</p> <p>b. Speaking personally, living on the second longest straightway and nearest straightway off Hwy 183, the traffic and safety issues were brutal.(high speeds, little to no yielding to pedestrian/lawnmowers). ~2.5 years is a long time.</p> <p>It's not lost on me that a bridge failure is an outcome to be avoided at all costs. I am fully aligned with the need.</p> <p>Just looking for contractor accountability to defined milestones, timely and quality repairs, with minimized construction downtimes.</p> <p>Thank you for your time and consideration in this matter.</p> <p>Dean Porter 1379 Allgood Bridge Road 864-506-6010"</p>
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Appendix C

Meeting Boards

Closed and Load Restricted Bridge Package 16 *Pickens County*

Project Description

The South Carolina Department of Transportation (SCDOT) proposes to replace four bridges in Pickens County. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The proposed facilities are comprised of two and four lane roadways with 12-foot travel lanes and paved shoulders.

The four bridges are:

- SC 183 (Walhalla Hwy) Bridge over Gregory Creek
- SC 183 (Walhalla Hwy) Bridge over Twelve-mile Creek
- SC 124 (Old Easley Hwy) Bridge over Georges Creek
- US 123 (Calhoun Memorial Hwy) Southbound Bridge over Georges Creek

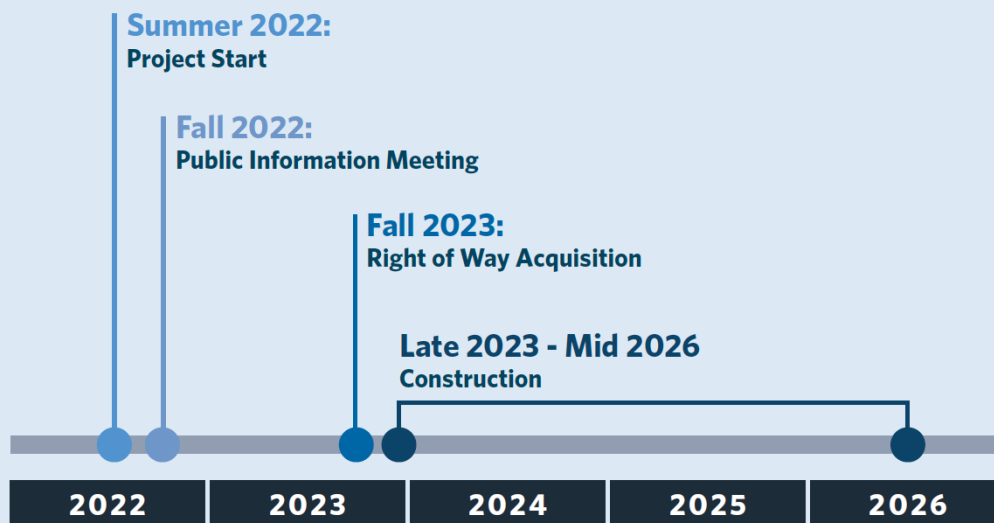
Purpose & Need

The purpose of these projects is to replace the bridges to correct the load restriction placed on them as well as restore all bridge components to good condition. The existing bridges are posted for load restrictions and have one or more components in poor condition. The proposed work involves replacing the current bridges with a new bridge on existing or shifted alignments.



Closed and Load Restricted Bridge Package 16 *Pickens County*

Project Schedule



Closed and Load Restricted Bridge Package 16



Pickens County



Closed and Load Restricted Bridge Package 16



Pickens County



Closed and Load Restricted Bridge Package 16



Pickens County



US-123 SOUTHBOUND OVER GEORGES CREEK
SC-124 OVER GEORGES CREEK
PUBLIC MEETING



Project Description

The South Carolina Department of Transportation (SCDOT) proposes to replace four bridges in Pickens County. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The proposed facilities are comprised of two and four lane roadways with 12-foot travel lanes and paved shoulders.

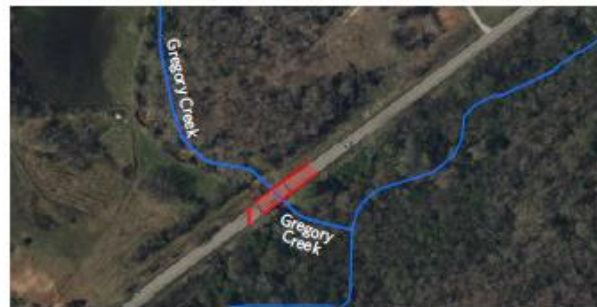
Stay updated:



Online at the project's website:
<https://scdotgis.online/CLRB16>

The four bridges are:

1. SC 183 (Walhalla Hwy) Bridge over Gregory Creek



2. SC 183 (Walhalla Hwy) Bridge over Twelve-mile Creek



3. SC 124 (Old Easley Hwy) Bridge over Georges Creek



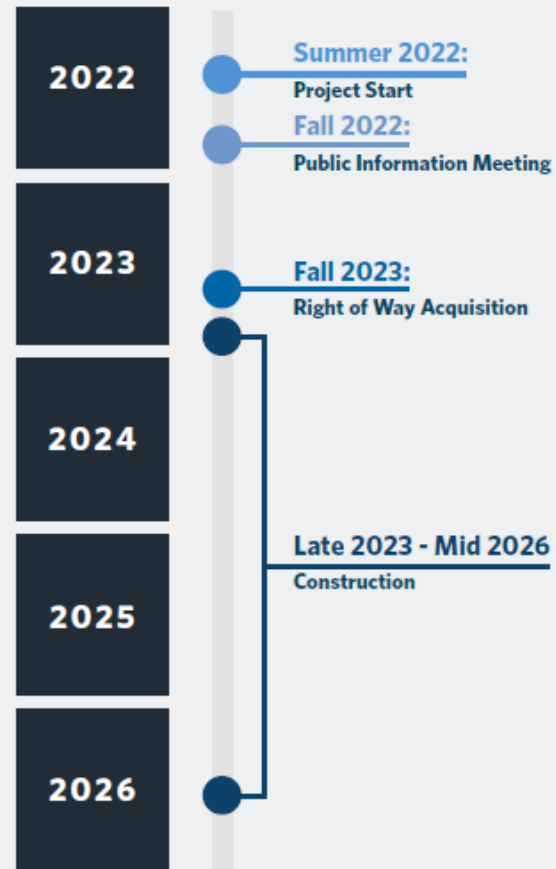
4. US 123 (Calhoun Memorial Hwy) Southbound Bridge over Georges Creek

Purpose & Need

The purpose of these projects is to replace the bridges to correct the load restriction placed on them as well as restore all bridge components to good condition. The existing bridges are posted for load restrictions and have one or more components in poor condition. The proposed work involves replacing the current bridges with a new bridge on existing or shifted alignments.



Project Schedule



Written comments can be provided in the following ways:

The comment period began on November 1 and will end on November 30, 2022.



Online at the project's website:
<https://scdotgis.online/CLR816>



Emailing your comments
to: PittsME@scdot.org



Mailing comments to:
Michael Pitts, SCDOT Project Manager
955 Park Street, P.O. Box 191
Columbia, SC 29202-0191



Filling out a **comment card**
and dropping it in the
comment box at either
Public Information Meeting

Appendix D







Comment Date	Received Via	Name	Email	Address	Comment	Response	Request Response?	Preferred Response Method
11/3/2022	Website Comment Form	Kelli Lancaster	klancaster426@gmail.com	429 Allgood Bridge Road, Pickens, SC 29671	Will the traffic on Hwy 183 bridge project be re-routed through Allgood Bridge Road? When the bridge was repaired previously the traffic was re-routed and this put quite a bit of stress on the asphalt on our road. There are now pot holes on Allgood Bridge Road. Thank you for your response.	At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.	Yes	Email
11/16/2022	Website Comment Form	David R McJunkin	mcjunkind@charter.net	182 Praters Creek Road, Pickens, SC 29671	i have reviewed the packages for both of the 183 bridges and are concerned about where traffic will be re routed. IF you guys use algood bridge road as you did last time wrork was done on the bridge, this will again absolutely destroy algoood bridge road. if you are going to use this as the detour for 2.5 years, that would be a really bad situation to put a lot of folks in. if on the other hand you plan on leaving 183 open and putting the new bridges along side the old, that would be better, but i did not see that in any of the documents i have reviewed. What are the plans for traffic along 183 during the conctruction time freamer? will the new bridges go in exactly the same location as the old? Based upon the bridge replacement on Belle Shols road in the recent past, i hope you do a better and more lasting job on these 2. That bridge has already had to have major work done on it	At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. The new bridges will follow a similar alignment to the existing roadway but may not be in the exact same location as the existing bridges due to the desire to maintain traffic on the existing facility and not detour.	Yes	Email
11/15/2022	In-Person Meeting Form	Jim Capaldi	hosp@charter.net	846 All Good Bridge Road	The All Good Bridge Road is breaking up in front of my home. Somewhat concerned about the visibility with the turns and hills.	While the scope of this project does not extend down All Good Bridge Road, at this time, it is SCDOT's goal that the bridge will remain open during construction and not detour traffic. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. Concerns about pavement and surface wear can be directed to the SCDOT District Maintenance Office at 975 Breazeale Road, Pickens, SC 29657 or (864) 859-0039.	N/A	
11/15/2022	In-Person Meeting Form	Tammy Bobo	tammybobo@gmail.com	920 All Good Bridge Road, Pickens	Been told traffic will not be detoured through All Good Bridge Road, so glad. All Good Bridge Road is dangerous, curvey, with many blind spots.	At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.	N/A	

11/30/2022	Email to Michael Pitts	Dean Porter	cxporter@charter.net	1379 Allgood Bridge Road	<p>Dear Mr. Pitts,</p> <p>I apologize for an individual email versus using the comment function on the SCDOT project website. I did not realize it was a survey with a once and done setup. I had some additional questions to the one I submitted. All of these following questions are making the assumption that Allgood Bridge Rd will be the detour route for the duration of the project.</p> <p>1. Concerning the SC-183 bridge replacement portion; What additional safeguards are planned for the intersection of Hwy 183 with Allgood Bridge Rd and Mile Creek roads? a. This difficult intersection became more so during the temporary closure of Hwy 183 in the summer/fall of 2020. This was when the Twelve Mile Creek bridge was closed for emergent structural upgrades. b. While westbound 183 traffic was reduced to local traffic only, the offset Mile Creek head-on and assumed right turning eastbound 183 traffic patterns made the required left turn from Allgood bridge Rd to Hwy 183 more dangerous. c. Has a temporary 3 or 4 way stop been considered?</p> <p>2. What actions are planned for the maintaining the condition of Allgood Bridge Rd road during or following the project? a. Allgood Bridge Rd took a heavy toll in wear and tear during the ~6 month closure in 2020.</p> <p>3. What specific actions are being done to minimize the time Hwy 183 will be out of service? a. During the emergent nature of the Twelve Mile bridge closure in the fall of 2020, road closure signs were implemented well before repairs could start. This was understandable given the materials and contract planning needed for an emergent repair. With these repairs being scheduled, it is reasonable to expect road closure to closely coincide with work start.</p> <p>4. Are there any plans to work the Twelve Mile and Gregory Creek bridges in parallel? a. Allgood Bridge Rd road is a secondary road, as you are aware, and not fully designed to handle the designed volume of Hwy 183 traffic. This was a burden to the residents living on Allgood Bridge Rd and to a lesser extent the residents/traffic from Amberwood Rd. As Amberwood Road is a popular short cut for Easley/Greenville traffic that ties back into Hwy 183 at Hillcrest Cemetery/Dillard Memorial Funeral Home. b. Speaking personally, living on the second longest straightaway and nearest straightway off Hwy 183, the traffic and safety issues were brutal. (high speeds, little to no yielding to pedestrian/lawnmowers). ~2.5 years is a long time.</p> <p>It's not lost on me that a bridge failure is an outcome to be avoided at all costs. I am fully aligned with the need.</p> <p>Just looking for contractor accountability to defined milestones, timely and quality repairs, with minimized construction downtimes.</p> <p>Thank you for your time and consideration in this matter.</p>	<p>At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. [we need to try and respond to his specific questions] 1. Based on current traffic patterns, a 3 or 4 way stop is not warranted at the SC 183/Allgood Farm Road intersection. 2. Allgood Farms Road will be realigned approximately 80 feet east of its current location to accommodate the slightly higher and longer new SC 183 bridge structure. The Allgood Farm Road intersection may be closed temporarily in order to tie into the new geometry at SC 183. 3. The new SC 183 bridge will be constructed adjacent to the existing SC 183 bridge; therefore, traffic will be maintained on the existing bridge during construction. 4. The chosen contractor will determine if both SC 183 bridges are constructed at the same time; however, it is SCDOT's intent that both existing SC 183 bridges remain open to traffic during project construction.</p>		
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Comment Date	Received Via	Name	Email	Address	Comment	Response	Request Response?	Preferred Response Method
11/11/2022	Website Comment Form	Jared Davis	Ahhjdd@gmail.com	208 Riverview Drive, Greenville, SC 29611	I live in the Riverdale community between 123/124. When the bridge on 123 was closed for a couple months over the summer I have some concerns for a longer closure with the amount of traffic going through our community. I am interested in how traffic will be routed and if it will be possible to make it not easy to use our neighborhood as a short cut. If there is no way to avoid it is it possible to get a 3 way stop sign at Knollview Dr and Sentell rd. We have tried for years but are always told it doesn't meet the threshold. I can tell you from walking my kids around the neighborhood people speed down sentell and if traffic is added this will be too dangerous to walk anymore. If you have any questions please let me know.	At this time, it is SCDOT's goal that the bridges will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. Questions about signs can be direct to the SCDOT District 3 Office at 975 Breazeale Road, Pickens, SC 29657 or (864) 859-0039.	Yes	Email
11/10/2022	In-Person Meeting Form	Martin Bowen and Kristen Frederickson	dwitrt@yahoo.com	206 Riverview Drive Greenville SC 29611	We live in Riverdale neighborhood (off of Sentell) and would request that no detours be routed through the neighborhood (related to bridges on 123 and 124). The community has a two lane road and several children/pedestrians that walk. It would be a safety concern with an increased traffic volume with the level of current pedestrian traffic. Thank you.	At this time, it is SCDOT's goal that the bridges will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.	N/A	

Comment Date	Received Via	Name	Email	Address	Comment	Response	Request Response?	Preferred Response Method
11/10/2022	In-Person Meeting Form	Mr. Jonathan King	jkingsteelerecator@gmail.com	140 North Fish Trap, Easley, SC 29640	The 124/123 Bridge Construction. If lanes or road closures may effect traffic on our stretch of road between 123 + 124 I would ask if some modifications to red lights at 123 + 124 N. Fish Trap be made to accommodate extra traffic with turn lights to move traffic safely through intersections. These turn lights would improve safety even now before any bridge work adds traffic to our road. Thank you for your time.	At this time, it is SCDOT's goal that the bridges will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.	N/A	
11/15/2022	In-Person Meeting Form	Tom Smith	tsmith4697@gmail.com	118 Hidden Cove, Six Mile, SC 29682	I understand that traffic will not be impacted during this period. That is a good thing.	Thank you for your comment.	N/A	

Name	Email	Address	Comment	Response	Request Response?	Preferred Response Method
Chip Dunn and Joe Dunn	smokin_joe@charter.net	1270 Walhalla Highway, Pickens	We hope that the project would not take any of our land at S.C. Dunn & Sons. We also would like to see a turning lane at the flea market to help traffic on Wednesdays.	Minimizing additional right of way and other impacts are being considered and prioritized as part of the project development. At this time, turn lanes at the flea market are outside of the scope of the bridge replacement project.	N/A	
Daniel & Cheryl Dunham	cheridan@hive.com	1143 Walhalla Highway, Pickens	The flea market on Wednesdays causes a lot of traffic congestion. At times traffic is stopped in front of our house. We would welcome a detour during construction.	At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, SCDOT would implement a signed detour route around the project area.	N/A	

Comment Date	Received Via	Name	Email	Address	Comment	Response	Request Response?	Preferred Response Method
11/14/2022	Website Comment Form	Amy Johnson Ely	amy@pccsc.net	810 South Holly, Columbia, SC 29205	The link to the project of 2 Greenville co. bridges, is for Pickens. Please get the one for the right project up. Thanks!	All four of the Package 16 bridge projects are located within Pickens County, SC.	No	
11/16/2022	Website Comment Form	Jackson Hurst	ghostlightmater@yahoo.com	4216 Cornell Crossing, Kennsaw, GA, 30144	I approve and support SCDOT's Closed and Load Restricted Bridge Package 16 Pickens County Project. The aspect that I love about SCDOT's Closed and Load Restricted Bridge Package 16 Pickens County Project is that the following bridges: SC-183 over Gregory Creek, SC-183 over Twelve Mile Creek, SC-124 over Georges Creek, and SC-123 over Georges Creek will be replaced with bridges that are safer and up to current design standards.	Thank you for your comment.	Yes	Email
11/30/2022	Website Comment Form	Dean Porter	cxporter@charter.net	1379 Allgood Bridge Road, Pickens, SC 29671	Concerning the SC183 bridge project; what is the timeline for these two bridge replacements? The overall ~2.5 yr timeline given for the CLRB16 project encompasses 4 bridges as I read it. Just looking for a more detailed timeline on the SC183 portion.	Thank you for your comment. You may refer to the project website for updates to the project timeline as information is available. https://scdot-environmental-project-site-scdot.hub.arcgis.com/pages/clrb-package-16-br	Yes	Email
11/10/2022	In-Person Meeting Form	Brent Lid?	hyperformance111@gmail.com	3668 Calhoun Memorial Highway, Greenville, SC 26611	Removing yellow pole at 3668 Calhoun Memorial	Thank you for your comment.	N/A	
11/15/2022	In-Person Meeting Form	Patsy Bailey	baileyscountrystore@yahoo.com	1427 Wahalla Highway, Pickens, SC 29671	Thanks for info! Glad you are not closing the bridge. Pickens County Flea Market has been in business for 50 years!	Thank you for your comment.	N/A	
11/15/2022	In-Person Meeting Form	Chip Dunn and Joe Dunn	smokin_joe@charter.net	1270 Walhalla Highway, Pickens	We hope that the project would not take any of our land at S.C. Dunn & Sons. We also would like to see a turning lane at the flea market to help traffic on Wednesdays.	Minimizing additional right of way and other impacts are being considered and prioritized as part of the project development. At this time, turn lanes at the flea market are outside of the scope of the bridge replacement project.	N/A	

Amy Johnson Ely
810 South Holly
Columbia, SC 29205

Dear Ms. Johnson Ely,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

All four of the Package 16 bridge projects are located within Pickens County, SC.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager



Brent Lid
3668 Calhoun Memorial Highway
Greenville, SC 26611

Dear Mr. Lid,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

We thank you for your comment and appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager



Chip Dunn & Joe Dunn
1270 Walhalla Highway
Pickens, SC 29671

Dear Mr. Dunn & Mr. Dunn,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

Minimizing additional right of way and other impacts are being considered and prioritized as part of the project development. At this time, turn lanes at the flea market are outside of the scope of the bridge replacement project.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Daniel & Cheryl Dunham
1143 Walhalla Highway
Pickens, SC 29671

Dear Mr. & Mrs. Dunham,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

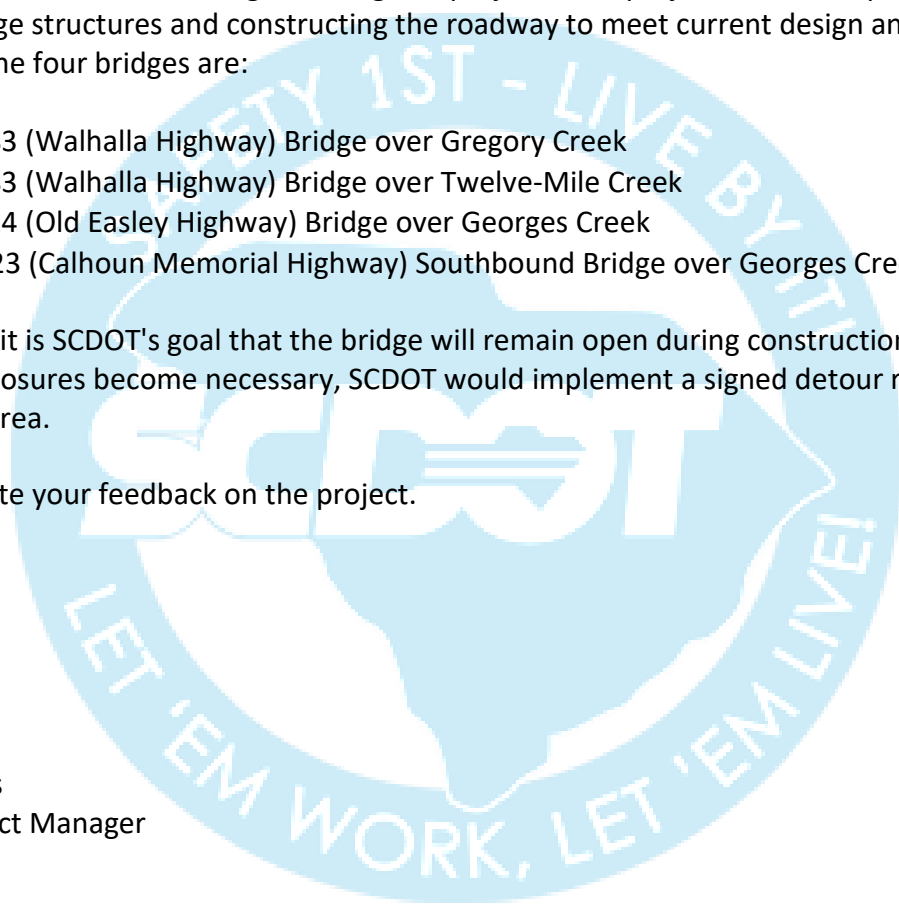
At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, SCDOT would implement a signed detour route around the project area.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager



David R. McJunkin
182 Praters Creek Road
Pickens, SC 29671

Dear Mr. McJunkin,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. The new bridges will follow a similar alignment to the existing roadway but may not be in the exact same location as the existing bridges due to the desire to maintain traffic on the existing facility and not detour.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Dean Porter
1379 Allgood Bridge Road
Pickens, SC 29671

Dear Mr. Porter,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. Based on current traffic patterns, a 3- or 4-way stop is not warranted at the SC 183/Allgood Farm Road intersection. Allgood Farms Road will be realigned approximately 80 feet east of its current location to accommodate the slightly higher and longer new SC 183 bridge structure. The Allgood Farm Road intersection may be closed temporarily in order to tie into the new geometry at SC 183. The new SC 183 bridge will be constructed adjacent to the existing SC 183 bridge; therefore, traffic will be maintained on the existing bridge during construction. The chosen contractor will determine if both SC 183 bridges are constructed at the same time; however, it is SCDOT's intent that both existing SC 183 bridges remain open to traffic during project construction.

Thank you for your comment. You may refer to the project website for updates to the project timeline as information is available. <https://scdot-environmental-project-site-scdot.hub.arcgis.com/pages/clrb-package-16-br>.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Jackson Hurst
4216 Cornell Crossing
Kennesaw, GA 30144

Dear Mr. Hurst,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

We thank you for your comment and appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager



Jared Davis
208 Riverview Drive
Greenville, SC 29611

Dear Mr. Davis,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

At this time, it is SCDOT's goal that the bridges will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. Questions about signs can be direct to the SCDOT District 3 Office at 975 Breazeale Road, Pickens, SC 29657 or (864) 859-0039.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Jim Capaldi
846 Allgood Bridge Road
Pickens, SC 29671

Dear Mr. Capaldi,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

While the scope of this project does not extend down All Good Bridge Road, at this time, it is SCDOT's goal that the bridge will remain open during construction and not detour traffic. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets. Concerns about pavement and surface wear can be directed to the SCDOT District Maintenance Office at 975 Breazeale Road, Pickens, SC 29657 or (864) 859-0039.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Jonathan King
140 North Fish Trap
Easley, SC 29640

Dear Mr. King,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

At this time, it is SCDOT's goal that the bridges will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Kelli Lancaster
429 Allgood Bridge Road
Pickens, SC 29671

Dear Ms. Lancaster,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Martin Bowen and Kristen Frederickson
206 Riverview Drive
Greenville, SC 29611

Dear Mr. Bowen and Ms. Frederickson,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

At this time, it is SCDOT's goal that the bridges will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Patsy Bailey
1427 Walhalla Highway
Pickens, SC 29671

Dear Ms. Bailey,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

We thank you for your comment and appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager



Tammy Bobo
920 Allgood Bridge Road
Pickens, SC 29671

Dear Ms. Bobo,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

At this time, it is SCDOT's goal that the bridge will remain open during construction. If temporary closures become necessary, it is SCDOT policy that signed detour routes would not use local or residential streets.

We appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager

Tom Smith
118 Hidden Cove
Six Mile, SC 29682

Dear Mr. Smith,

Thank you for submitting a comment about the South Carolina Department of Transportation's Closed and Load Restricted Bridges Package 16 projects. The projects include replacing the existing bridge structures and constructing the roadway to meet current design and safety standards. The four bridges are:

- SC 183 (Walhalla Highway) Bridge over Gregory Creek
- SC 183 (Walhalla Highway) Bridge over Twelve-Mile Creek
- SC 124 (Old Easley Highway) Bridge over Georges Creek
- US 123 (Calhoun Memorial Highway) Southbound Bridge over Georges Creek

We thank you for your comment and appreciate your feedback on the project.

Thank you,



Michael Pitts
SCDOT Project Manager



**Attachment F – Phase 1 Limited Environmental
Records Review**

**US-123 (Calhoun Memorial Highway) Over Georges Creek (Project Area)
Easley, Pickens County, South Carolina
Limited Environmental Records Review**



FME Parcel ID	Physical Address of Property	Owner(s) of Record	Tax Map Parcel Number	Acres	County GIS Land Type	Approximate Latitude	Approximate Longitude	Brief Property Description and Location Information	Discussion of Environmental Effects/Potential Effects	Is Parcel Considered a Recognized Environmental Concern (REC)?	Recommendations
1	3801 Calhoun Memorial Highway	C and W Properties of the Upstate, LLC PO Box 26525 Greenville, SC 29616	5049-16-93-1784	4.64	Commercial	34.83042562	-82.50214398	Nickell Supply - a mobile home and recreational vehicle (RV) parts and supply company	NA	NO	NA
2	3800 Calhoun Memorial Highway	Racetrack LLC c/o Kevin Whitaker PO Box 6628 Greenville, SC 29606	5049-12-85-5560	93.08	Commercial	34.83170762	-82.50180585	Greenville-Pickens Speedway - an automotive race track	While petroleum is used within automobiles at this site, the Greenville-Pickens Speedway was not listed as a regulated site within the EDR regulatory database report. Therefore, in the absence of regulatory information, this race track site is not likely to adversely impact the Project Area.	NO	NA
3	3790 Calhoun Memorial Highway	School Street Holdings, LLC 550 Tanner Road Greenville, SC 296070000	5049-16-94-8282	1.08	Vacant Land	34.83173354	-82.49964134	Although presently vacant, this site is identified as Sav-A-Ton - a former gas station	This site is identified as Sav-A-Ton, a former gas station located within the Project Area. The former Sav-A-Ton gas station was also identified by the EDR regulatory database report as a Leaking Underground Storage Tank (LUST) site. Five (5) former Underground Storage Tanks (UST) are associated with this former gas station site. Additionally, three (3) confirmed releases and one (1) unconfirmed release are associated with this site. While each of these releases were issued No Further Action (NFA) status by South Carolina Department of Health and Environmental Control (SCDHEC), according to the NFA letter issued by SCDHEC on August 24, 2018, concentrations of benzene, toluene, ethylbenzene, xylenes, naphthalene, MTBE, 1,2-DCA, oxygenates, EDB, and lead (i.e., common petroleum constituents) still exist on this site. Additionally, on February 22, 2021, SCDHEC issued a "Site History Summary," pursuant to a request for information. In this Site History Summary letter, SCDHEC indicates that each of the three (3) confirmed releases have chemicals of concern below the risk based screening levels and that no further work is anticipated under each release. Therefore, this site is considered a Historic Recognized Environmental Conditions (HREC) within the Project Area.	HREC	Based on information received from SCDHEC regarding the three (3) confirmed releases on this site, SCDHEC issued NFA status to this former gas station. Additionally, chemicals of concern are known to be present on this site at low levels. Therefore, based on available information, FME does not recommend further assessment of this site at this time. However, if chemical odors and/or visible soil staining is observed during road improvement work, an environmental professional should be consulted.
4	3784 Calhoun Memorial Highway	Highway 123 Prop LLC 3630 Calhoun Memorial Highway Greenville, SC 296110000	5059-13-04-1254	0.47	Commercial	34.83174155	-82.49897166	Lindsey's Ring & Pinion - an automotive garage	While petroleum and/or solvents may be used at this site, Lindsey's Ring & Pinion was not listed as a regulated site within the EDR database report. Therefore, in the absence of regulatory information, this automotive garage is not likely to adversely impact the Project Area.	NO	NA
5	3728 Calhoun Memorial Highway	Arc Properties, LLC 3728 Calhoun Memorial Highway Greenville, SC 29611	5059-13-04-3237	0.98	Commercial	34.83179154	-82.49839131	Likely a former residence - presently used as a laydown yard and storage	NA	NO	NA
6	3718 Calhoun Memorial Highway	Highway 123 Prop, LLC 3630 Calhoun Memorial Highway Greenville, SC 296110000	5059-13-04-4492	3.22	Commercial	34.83179678	-82.49768493	Three RRR's Trim - an automotive upholstery shop	NA	NO	NA
7	1600 Old Easley Highway	Garrison James C. 411 Patrol Club Road Greenville, SC 296096450	5059-09-15-5305	43.58	Commercial	34.83193805	-82.49643997	Wooded land	NA	NO	NA
8	3676 Calhoun Memorial Highway	Tolley James E. 3673 Calhoun Memorial Highway Greenville, SC 296117027	5059-13-14-2313	1.20	Residential	34.83210531	-82.49522213	Residential home	NA	NO	NA
9	3670 Calhoun Memorial Highway	Thomas SC Properties, LLC 3670 Calhoun Memorial Highway Greenville, SC 296110000	5059-13-14-4247	NA	Commercial	34.83181780	-82.49483080	All-Tech Tire and Auto Repair, Inc. LLC - an automotive garage	While petroleum and/or solvents are likely used on this automotive site, All-Tech Tire and Auto Repair, Inc. was not listed as a regulated site within the EDR database report. Therefore, in the absence of regulatory information, this automotive garage is not likely to adversely impact the Project Area.	NO	NA

US-123 (Calhoun Memorial Highway) Over Georges Creek (Project Area)
Easley, Pickens County, South Carolina
Limited Environmental Records Review



FME Parcel ID	Physical Address of Property	Owner(s) of Record	Tax Map Parcel Number	Acres	County GIS Land Type	Approximate Latitude	Approximate Longitude	Brief Property Description and Location Information	Discussion of Environmental Effects/Potential Effects	Is Parcel Considered a Recognized Environmental Concern (REC)?	Recommendations
10	3668 Calhoun Memorial Highway	Click Properties, LLC 3668 Calhoun Memorial Highway Greenville, SC 29611	5059-13-14-5361	0.45	Commercial	34.83183205	-82.49445006	Welding shop	NA	NO	NA
11	3664 Calhoun Memorial Highway	Highway 123 Prop, LLC 3630 Calhoun Memorial Highway Greenville, SC 296110000	5059-13-14-7227	1.19	Commercial	34.83189794	-82.49381100	Evan's Hand Car Wash & Auto Detail	NA	NO	NA
12	3630 Calhoun Memorial Highway	Highway 123 Prop, LLC 3630 Calhoun Memorial Highway Greenville, SC 296110000	5059-13-24-1532	NA	Commercial	34.83254430	-82.49254580	Porters Custom Shop/Greg Porters Body Shop	This site is identified as Porter's Custom Shop/Greg Porter's Body Shop, an automotive body shop located within the Project Area. This site is also identified as a United States Environmental Protection Agency (EPA) Resource Conservation and Recovery Act (RCRA) Conditionally Exempt Small Quantity Hazardous Waste Generator (CESQG) site, due to the small quantities of hazardous waste generated at this site. According to the EDR regulatory database report, only non-halogenated solvents are used at this automotive body shop. Therefore, due to the small quantities of non-halogenated solvents generated by this automotive body shop and since no violations are on record, this site would not likely adversely impact the Project Area.	NO	NA
13	3642 Calhoun Memorial Highway	Highway 123 Prop, LLC 3630 Calhoun Memorial Highway Greenville, SC 296110000	5059-13-14-9289	NA	Commercial	34.83194713	-82.49294383	Porters Custom Shop/Greg Porters Body Shop	Refer to discussion of Parcel 12 above.	NO	NA
14	3640 Calhoun Memorial Highway	Highway 123 Prop, LLC 3630 Calhoun Memorial Highway Greenville, SC 296110000	5059-13-24-0289	NA	Commercial	34.83195110	-82.49261005	Porters Custom Shop/Greg Porters Body Shop	Refer to discussion of Parcel 12 above.	NO	NA
15	113 N. Fish Trap Road	Dyer Leroy V. 401 Westcliffe Way Greenville, SC 296113041	5059-14-24-6476	5.00	Commercial	34.83222419	-82.49115371	Signs - a sign maintenance company	NA	NO	NA
16	3613 Calhoun Memorial Highway	Highway 123 Prop, LLC 3630 Calhoun Memorial Highway Greenville, SC 296110000	5059-14-23-6957	1.57	Commercial	34.83110056	-82.49081061	Shockley's Automotive, Inc. Garage and Hi-Tech Racing	During site reconnaissance, this parcel was observed to contain two (2) automotive garages, Shockley's Automotive, Inc. and Hi-Tech Racing. Additionally, the 1995 city directory indicates that A & A Automotive parts and garage operated on this parcel. While petroleum and/or solvents may be used on this automotive site, Shockley's Automotive Inc. garage and Hi-Tech Racing garage were not listed as a regulated site within the EDR database report. Therefore, in the absence of regulatory information, these automotive garages are not likely to adversely impact the Project Area.	NO	NA
17	3629 Calhoun Memorial Highway	Obrien Clifford N. 3629 Calhoun Memorial Highway Greenville, SC 296117026	5059-13-23-3952	NA	Residential	34.83095902	-82.49170310	Residential home	NA	NO	NA
18	NA	Dyer Leroy V. PO Box 14096 Greenville, SC 296104096	5059-13-23-3710	2.80	Vacant Land	34.83035946	-82.49163837	The parcel is described as Vacant land by Pickens County online information	NA	NO	NA

**US-123 (Calhoun Memorial Highway) Over Georges Creek (Project Area)
Easley, Pickens County, South Carolina
Limited Environmental Records Review**



FME Parcel ID	Physical Address of Property	Owner(s) of Record	Tax Map Parcel Number	Acres	County GIS Land Type	Approximate Latitude	Approximate Longitude	Brief Property Description and Location Information	Discussion of Environmental Effects/Potential Effects	Is Parcel Considered a Recognized Environmental Concern (REC)?	Recommendations
19	3671 Calhoun Memorial Highway	Holsenback Michael C. 3671 Calhoun Memorial Highway Greenville, SC 296117026	5059-13-13-5647	17.30	Commercial	34.83045826	-82.49446635	Former Georges Creek Dump a landfill site	This site is identified as the former landfill, Georges Creek Dump, located within the Project Area. During site reconnaissance, this was the location of America's Best Housing Center, prefabricated storage sheds for retail sale. This site is listed as a South Carolina Hazardous Waste Site (SC HWS), a state equivalent Superfund site. However, no other cleanup information was provided for the SC HWS and the type of potential contaminants are unknown. Historic aerial photography indicates that this site was likely utilized as a local landfill from approximately 1978 until approximately 1999. Therefore, this former SC HWS is considered a REC in connection with the Project Area.	REC	FME recommends sampling the soils adjacent to the Project Area to determine if this landfill site has impacted the Project Area.
20	3717 Calhoun Memorial Highway	WB Investments, LLC 1022 Johnson Road Easley, SC 29642	5059-13-03-7722	3.26	Commercial	34.83036731	-82.49702013	Former automotive sales	The city directory dated 2005 indicates that Garrison Auto Sales was located at 3717 Calhoun Memorial Highway. While petroleum may have been used at this former automotives site, Garrison Auto Sales was not listed as a regulated site within the EDR database report. Additionally, this site was currently observed to be boat and RV storage facility during site reconnaissance. Therefore, in the absence of regulatory information, this former automotive sales site is not likely to adversely impact the Project Area.	NO	NA
21	3725 Calhoun Memorial Highway 3729 Calhoun Memorial Highway 3733 Calhoun Memorial Highway	WB Investments, LLC 1022 Johnson Road Easley, SC 29642	5059-13-03-3735	3.94	Commercial	34.83037298	-82.49820408	Former automotive sales and salvage yard, and current automotive garage	Three (3) addresses are associated with this parcel. Based on the 1994 historic aerial photograph, this site appears to be an automotive salvage yard. The city directory from 2000 indicates that Masters Used Cars & Motorcycles was located at 3725 Calhoun Memorial Highway. Additionally, during site reconnaissance 3733 Calhoun Memorial Highway was observed to be City Auto Sales. Garage bays at this location indicate that this may also be an automotive garage. During site reconnaissance, Blue Coral Stoneworks was located at 3725 and 3729 Calhoun Memorial Highway. While several automotive operations are associated with this parcel and petroleum and/or solvents were likely used on this automotive parcel, none of these sites were listed as a regulated sites within the EDR database report. Therefore, in the absence of regulatory information, this automotive garage is not likely to adversely impact the Project Area.	NO	NA
22	100 Isaiah Street	Crooks George Life Estate PO Box 1641 Easley, SC 296411641	5049-16-93-7741	8.00	Residential	34.83027089	-82.50011328	Multiple homes and mobile homes located on Joshua Street, Isaiah Street, and Jeremiah Street	NA	NO	NA

Notes:

The properties listed in the table above were developed by FME based on the Project Area corridor provided by HDR in an email dated November 2, 2022. FME established parcel ID (i.e., column 1) to assess and document the evaluation of each parcel.

Due to the rural nature of the Project Area, existing and former well systems and septic systems are likely present within the Project Area. If well systems and/or septic systems are encountered within the Project Area during road improvement work, additional assessment may be warranted.

Electrical equipment, such as transformers are also present adjacent to the Project Area. Electrical equipment and oil-filled transformers manufactured prior to 1979 may contain polychlorinated biphenyls (PCB) oils. The production of PCB fluids was discontinued in the United States in 1977 and new PCB-oil containing equipment was banned on July 1, 1979. If PCB containing electrical equipment is encountered during road improvement work, additional assessment may be warranted.

NA - Not available or determined to be unnecessary due to the type of operations or distance from the Project Area.

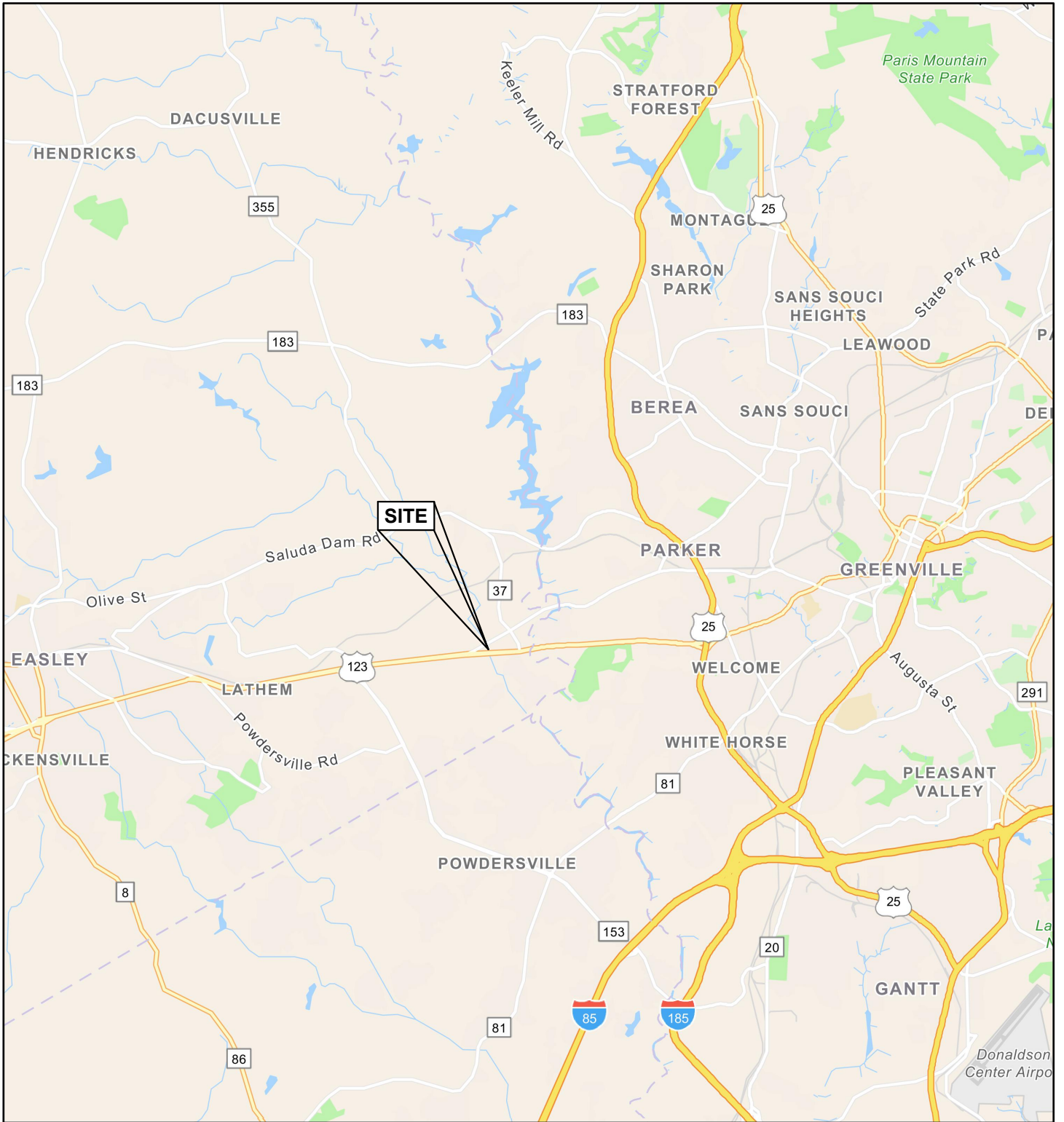
Unless otherwise noted in Column 9 above (i.e., "Brief Property Description and Location Information"), each site is located within the Project Area.

LIST OF ACRONYMS

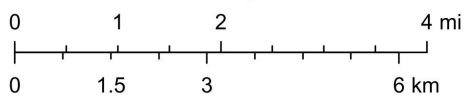
ALLSITES	Site Assessment & Remediation Public Record Database
AST	Aboveground Storage Tank
AUL	Land Use Control Registry
Brownfields	Brownfields Site Listing
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (i.e., Superfund or NPL)
CREC	Controlled Recognized Environmental Condition
DOD	Department of Defense
EDR	Environmental Data Resources, Inc. Area/Corridor Report
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
FINDS	Facility Index System/Facility Registry
FOI	Freedom of Information
HREC	Historical Recognized Environmental Condition
ICIS	Integrated Compliance Information System
LUST	Leaking Underground Storage Tank
NFA	No Further Action
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List (i.e., CERCLA or Superfund)
PCB	Polychlorinated Biphenyl



RCRA-LQG	Resource Conservation and Recovery Act – Large Quantity Generator
REC	Recognized Environmental Condition
SCDHEC	South Carolina Department of Health and Environmental Control
SCDOT	South Carolina Department of Transportation
SEMS	Superfund Enterprise Management System
SHWS	State Hazardous Waste Site
SPILL	Spill Database List
SWF/LF	Solid Waste Facility/Landfill Facility
UST	Underground Storage Tank
VCP	Voluntary Clean-up Program



1:144,000



F&M CONSULTANTS, INC.
COLUMBIA, SC

4				
3				
2				
1				
REV.	BY	DATE	DESCRIPTION OF REVISION	
TOPO.		DATE		
DWG.	CTC	DATE 11.8.22	GROUP	-- --
R/W		DATE		

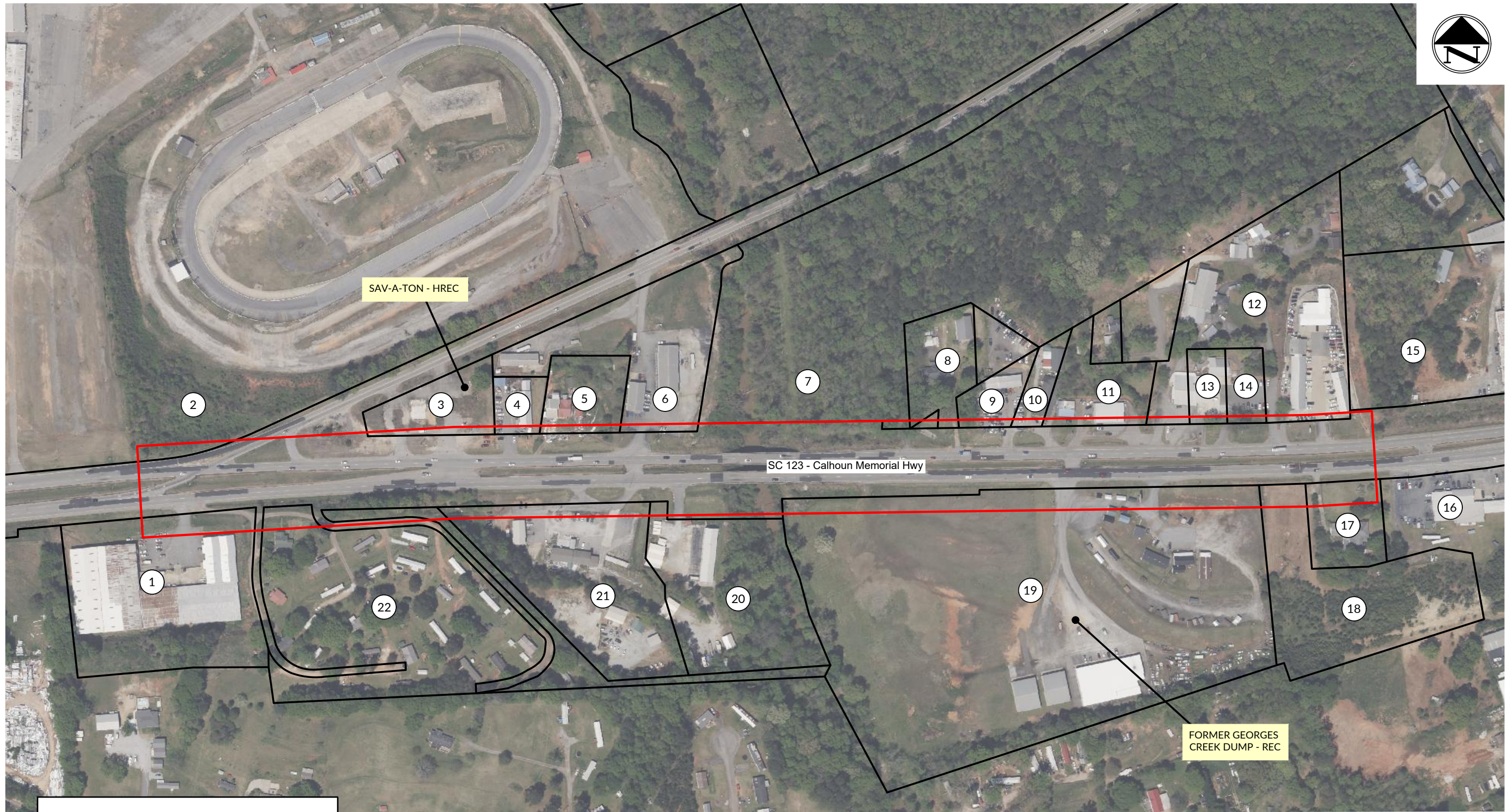
SC 123 OVER GEORGES CREEK
PICKENS COUNTY, SOUTH CAROLINA

LIMITED ENVIRONMENTAL REVIEW
SITE VICINITY MAP

F&M JOB NO. G6657.002

SCALE: AS NOTED

FIGURE 1





SC 123 - Calhoun Memorial Hwy

SAV-A-TON - HREC

FORMER GEORGES CREEK DUMP - REC

Legend:

-  ASSESSMENT LIMITS (SUBJECT PROPERTY)
-  PARCEL IDENTIFIER

F&ME CONSULTANTS, INC.
COLUMBIA, SC

4			
3			
2			
1			
REV.	BY	DATE	DESCRIPTION OF REVISION
TOPO.		DATE	
DWG.	CTC	DATE 11.8.22	GROUP
R/W		DATE	

**SC 123 OVER GEORGES CREEK
PICKENS COUNTY, SOUTH CAROLINA**

**LIMITED ENVIRONMENTAL REVIEW
SITE PLAN**

F&ME JOB NO. G6657.002

SCALE: 1"=250' FIGURE 2

Photograph 1



View of Parcel 2, Greenville-Pickens Speedway, located at 3800 Calhoun Memorial Highway (US-123) within the Project Area.

1

1

Photograph 2



View of Parcel 3, Former Sav-A-Ton gas station, located at 3790 Calhoun Memorial Highway (US-123) within the Project Area. Parcel 3 is a LUST site due to three (3) confirmed releases. However, SCDHEC issued NFA status to each of the three (3) confirmed releases. This site is considered an HREC.

2

2

Photograph 3



View of Parcel 4,
Lindsey's Ring & Pinion,
located at 3784 Calhoun
Memorial Highway
within the Project Area.

3

3

Photograph 4



View of Parcel 9, All
Tech Tire & Auto,
located at 3670 Calhoun
Memorial Highway
within the Project Area.

4

4

Photograph 5



View of Parcel 12, Greg Porter's Body Shop, 3630 Calhoun Memorial Highway within the Project Area.

5

5

Photograph 6



Parcels 13 and 14 are located at 3640 and 3642 Calhoun Memorial Highway within the Project Area.

View of Parcels 13 and 14, Porter's Custom Shop/Greg Porter's Body Shop, within the Project Area.



6

6

Photograph 7

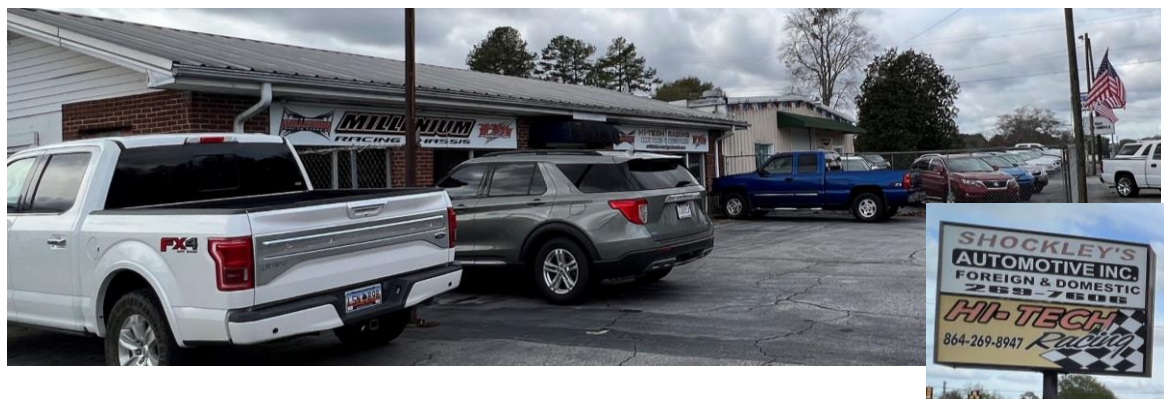


View of Parcel 16, Shockley's Automotive, Inc. and Hi-Tech Racing, located at 3613 Calhoun Memorial Highway within the Project Area.

7

7

Photograph 8



View of Parcel 16, Shockley's Automotive, Inc. and Hi-Tech Racing, located at 3613 Calhoun Memorial Highway within the Project Area.

8

8

Photograph 9



View of Parcel 19, George's Creek Dump, a former landfill site located at 3671 Calhoun Memorial Highway within the Project Area. This site is a REC in connection with the Project Area.

9

9

Photograph 10



View of Parcel 21, Blue Coral Stoneworks, located at 3725 and 3729 Calhoun Memorial Highway within the Project Area. This site is a former automotive sales and salvage yard site.

10

10

Photograph 11



View of Parcel 21, City Auto Sales, 3725 and 3729 Calhoun Memorial Highway within the Project Area.

11

11

Photograph 12



View of Parcel 21, City Auto Sales, 3733 Calhoun Memorial Highway within within the Project Area.

12

12

SC 123 over Georges Creek

SC 123

Easley, SC 29640

Inquiry Number: 7167663.2s

November 02, 2022

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SC 123
EASLEY, SC 29640

COORDINATES

Latitude (North): 34.8313600 - 34° 49' 52.89"
Longitude (West): 82.4969200 - 82° 29' 48.91"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 363115.3
UTM Y (Meters): 3855166.2
Elevation: 825 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 15795317 GREENVILLE, SC
Version Date: 2020

West Map: 15795307 EASLEY, SC
Version Date: 2020

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150424, 20150421
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 SC 123
 EASLEY, SC 29640

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	GREG PORTERS BODY SH	3630 CALHOUN MEMORIA	RCRA-VSQG, FINDS, ECHO	Higher	218, 0.041, ENE
A2	TRAVELERS GAS 2	3601 CALHOUN MEMORIA	LUST, UST, Financial Assurance	Higher	479, 0.091, East
A3	MISTER DS QUICK STOP	3601 CALHOUN MEMORIA	EDR Hist Auto	Higher	479, 0.091, East
A4	JALARAM 2 INC	3601 CALHOUN MEMORIA	UST, Financial Assurance	Higher	479, 0.091, East
5	HOT SPOT 4002	3908 J C CALHOUN MEM	LUST, UST, Financial Assurance	Higher	739, 0.140, West

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

EXECUTIVE SUMMARY

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal hazardous waste facilities

SHWS..... Site Assessment Section Project List

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Permitted Landfills List

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Storage Tank List

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

RCR..... Registry of Conditional Remedies

AUL..... Land Use Controls

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Solid Waste Recycling Facilities

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

ALLSITES..... Site Assessment & Remediation Public Record Database
CDL..... Clandestine Drug Lab Sites
US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Spills Database List
SPILLS 90..... SPILLS 90 data from FirstSearch
SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
UXO..... Unexploded Ordnance Sites
ECHO..... Enforcement & Compliance History Information
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM..... EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

AIRS.....	Permitted Airs Facility Listing
ASBESTOS.....	ASBESTOS
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaner Database
Financial Assurance.....	Financial Assurance Information Listing
GWCI.....	Groundwater Contamination Inventory
NPDES.....	Waste Water Treatment Facilities Listing
UIC.....	Underground Injection Wells Listing
MINES MRDS.....	Mineral Resources Data System
MANIFEST.....	Hazardous Waste Manifest Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1

EXECUTIVE SUMMARY

RCRA-VSQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GREG PORTERS BODY SH EPA ID:: SCD987573474	3630 CALHOUN MEMORIA	ENE 0 - 1/8 (0.041 mi.)	1	8

Lists of state and tribal leaking storage tanks

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Health & Environmental Control's Leaking UST list.

A review of the LUST list, as provided by EDR, and dated 07/27/2022 has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TRAVELERS GAS 2 No Action Required: 08/20/1999 Substance: PETRO Facility Id: 16827	3601 CALHOUN MEMORIA	E 0 - 1/8 (0.091 mi.)	A2	12
HOT SPOT 4002 No Action Required: 09/29/2021 No Action Required: 09/10/2012 Substance: PETROL Facility Id: 12041	3908 J C CALHOUN MEM	W 1/8 - 1/4 (0.140 mi.)	5	15

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health & Environmental Control's list: Comprehensive Underground Storage Tanks.

A review of the UST list, as provided by EDR, and dated 01/07/2022 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TRAVELERS GAS 2 Facility Id: 16827 Status: Abandoned	3601 CALHOUN MEMORIA	E 0 - 1/8 (0.091 mi.)	A2	12
JALARAM 2 INC Facility Id: 18796 Status: Currently in Use	3601 CALHOUN MEMORIA	E 0 - 1/8 (0.091 mi.)	A4	14
HOT SPOT 4002 Facility Id: 12041 Status: Currently in Use	3908 J C CALHOUN MEM	W 1/8 - 1/4 (0.140 mi.)	5	15

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

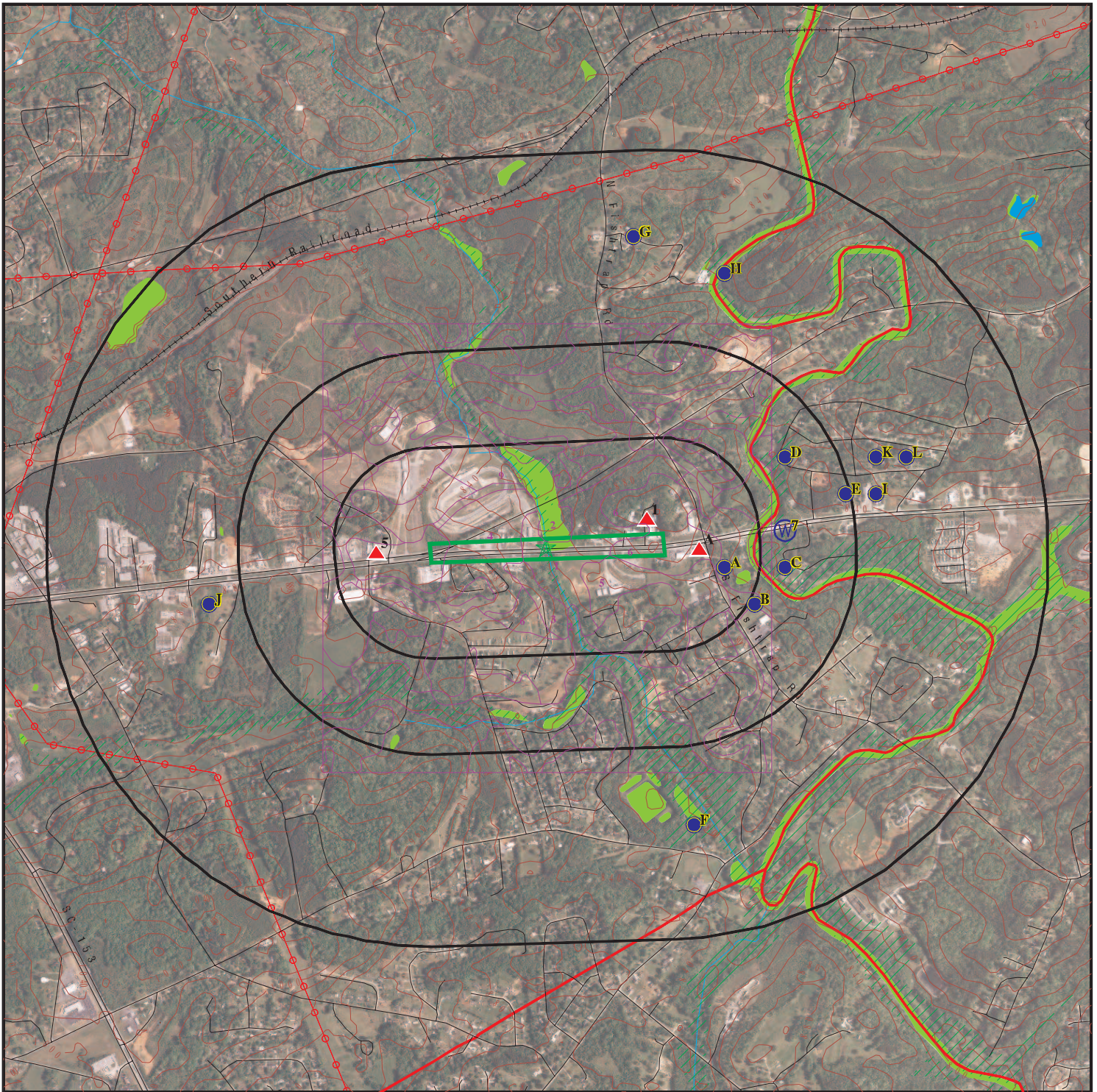
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MISTER DS QUICK STOP	3601 CALHOUN MEMORIA	E 0 - 1/8 (0.091 mi.)	A3	13







EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 10 records.




<u>Site Name</u>	<u>Database(s)</u>
PLATT SACO LOWELL CORP.	CDL
GEORGE'S CREEK DUMP	VCP, BROWNFIELDS
FMR DRYCLEAN USA OF SC INC	SHWS
GRACE CLEANERS	SHWS
NORFOLK-SOUTHERN-CROSSWELL SITE	SHWS, DRYCLEANERS
PLATT SACO LOWELL CORP.	SHWS
FMR DRYCLEAN USA OF SC, INC	SEMS-ARCHIVE
SAV A TON	DRYCLEANERS
TIRES INC	LUST, UST, Financial Assurance
	LUST, UST

OVERVIEW MAP - 7167663.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  County Boundary
-  Power transmission lines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SC 123 over Georges Creek
 ADDRESS: SC 123
 Easley SC 29640
 LAT/LONG: 34.83136 / 82.49692

CLIENT: F&ME Consultants
 CONTACT: Rodney Wingard
 INQUIRY #: 7167663.2s
 DATE: November 02, 2022 5:13 pm

DETAIL MAP - 7167663.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SC 123 over Georges Creek
 ADDRESS: SC 123
 Easley SC 29640
 LAT/LONG: 34.83136 / 82.49692

CLIENT: F&ME Consultants
 CONTACT: Rodney Wingard
 INQUIRY #: 7167663.2s
 DATE: November 02, 2022 5:15 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		1	0	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		1	1	0	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		2	1	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
RCR	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
ALLSITES	0.500		0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
GWCI	0.500		0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	5	2	0	0	0	7

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1
ENE
< 1/8
0.041 mi.
218 ft.

GREG PORTERS BODY SHOP
3630 CALHOUN MEMORIAL HWY
GREENVILLE, SC 29611

RCRA-VSQG **1001489882**
FINDS **SCD987573474**
ECHO

Relative:
Higher
Actual:
904 ft.

RCRA Listings:
 Date Form Received by Agency: 19990716
 Handler Name: GREG PORTERS BODY SHOP
 Handler Address: 3630 CALHOUN MEMORIAL HWY
 Handler City,State,Zip: GREENVILLE, SC 29611
 EPA ID: SCD987573474
 Contact Name: GREG PORTER
 Contact Address: 3630 CALHOUN MEMORIAL HWY
 Contact City,State,Zip: GREENVILLE, SC 29611
 Contact Telephone: 864-269-8431
 Contact Fax: Not reported
 Contact Email: Not reported
 Contact Title: Not reported
 EPA Region: 04
 Land Type: Private
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
 Non-Notifier: Not reported
 Biennial Report Cycle: Not reported
 Accessibility: Not reported
 Active Site Indicator: Handler Activities
 State District Owner: SC
 State District: A2
 Mailing Address: CALHOUN MEMORIAL HWY
 Mailing City,State,Zip: GREENVILLE, SC 29611
 Owner Name: GREG PORTER
 Owner Type: Private
 Operator Name: Not reported
 Operator Type: Not reported
 Short-Term Generator Activity: No
 Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility Activity: No
 Recycler Activity with Storage: No
 Small Quantity On-Site Burner Exemption: No
 Smelting Melting and Refining Furnace Exemption: No
 Underground Injection Control: No
 Off-Site Waste Receipt: No
 Universal Waste Indicator: No
 Universal Waste Destination Facility: No
 Federal Universal Waste: No
 Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site Converter Treatment storage and Disposal Facility: Not reported
 Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
 Active Site State-Reg Handler: ---
 Federal Facility Indicator: Not reported
 Hazardous Secondary Material Indicator: NN
 Sub-Part K Indicator: Not reported
 Commercial TSD Indicator: No
 Treatment Storage and Disposal Type: Not reported
 2018 GPRA Permit Baseline: Not on the Baseline
 2018 GPRA Renewals Baseline: Not on the Baseline
 Permit Renewals Workload Universe: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GREG PORTERS BODY SHOP (Continued)

1001489882

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code: D001
 Waste Description: IGNITABLE WASTE

Waste Code: F003
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
 Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREG PORTERS BODY SHOP (Continued)

1001489882

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GREG PORTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3630 CALHOUN MEMORIAL HWY
Owner/Operator City,State,Zip:	GREENVILLE, SC 29611
Owner/Operator Telephone:	864-269-8431
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990716
Handler Name:	GREG PORTERS BODY SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
--------------	----------------------

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREG PORTERS BODY SHOP (Continued)

1001489882

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 19990715
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: SCSGT
Evaluation Responsible Sub-Organization: A2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:

Registry ID: 110002195142

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001489882
Registry ID: 110002195142
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002195142>
Name: GREG PORTERS BODY SHOP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GREG PORTERS BODY SHOP (Continued)

1001489882

Address: 3630 CALHOUN MEMORIAL HWY
City,State,Zip: GREENVILLE, SC 29611

A2
East
< 1/8
0.091 mi.
479 ft.

TRAVELERS GAS 2
3601 CALHOUN MEMORIAL HWY
EASLEY, SC

LUST
UST
Financial Assurance

U004254689
N/A

Site 1 of 3 in cluster A

Relative:
Higher
Actual:
870 ft.

LUST:
Name: TRAVELERS GAS 2
Address: 3601 CALHOUN MEMORIAL HWY
City,State,Zip: EASLEY, SC 29611
Release Number: 1
Facility ID: 16827
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: DYER, LEROY
Tank Owner Last Name: DYER
Tank Owner First name: LEROY
NFA Date: 08/20/1999
Tank Owner City: GREENVILLE
Confirmed Date: 07/27/1999
Release Date: 07/02/1999
EID: 1792798
Local Facility District: Greenville EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: UNK
Qualified: Not reported
Release Source: UST
Local Fac Last Name: TRAVELERS GAS 2
Local Fac First Name: Not reported
User Name: STEPPAK
Cleanup Initiated Date: 07/27/1999
Prefix: N
Total Score: Not reported

UST:
Name: TRAVELERS GAS 2
Address: 3601 CALHOUN MEMORIAL HWY
City: EASLEY
Facility ID: 16827
Permit: N 16827
Owner: DYER, LEROY
Owner Address: 3600 CALHOUN MEMORIAL HWY
Owner City, st, zip: GREENVILLE SC 29611-3041
Owner Phone: 864-269-4826

Tank ID: 1
Status: Abandoned
Capacity: 10000
Product: Gasoline
Calcage: 10

Name: TRAVELERS GAS 2
Address: 3601 CALHOUN MEMORIAL HWY
City: EASLEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRAVELERS GAS 2 (Continued)

U004254689

Tank ID: 2
Status: Abandoned
Capacity: 10000
Product: Gasoline
Calcage: 10

Name: TRAVELERS GAS 2
Address: 3601 CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 3
Status: Abandoned
Capacity: 6000
Product: Gasoline
Calcage: 10

Name: TRAVELERS GAS 2
Address: 3601 CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 4
Status: Abandoned
Capacity: 3000
Product: Kerosene
Calcage: 10

Name: TRAVELERS GAS 2
Address: 3601 CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 5
Status: Abandoned
Capacity: 1000
Product: Diesel fuel
Calcage: 10

SC Financial Assurance 3:

Name: TRAVELERS GAS 2
Address: 3601 CALHOUN MEMORIAL HWY
City,State,Zip: EASLEY, SC 29611
Owner Name: DYER, LEROY
Owner Address: 3600 CALHOUN MEMORIAL HWY
Owner City St Zip: GREENVILLE SC 29611-3041
Mechanism: Environmental Insurance
Date Expired: 7/1/1999
Bill: 0

A3
East
< 1/8
0.091 mi.
479 ft.

MISTER DS QUICK STOP
3601 CALHOUN MEMORIAL HWY
GREENVILLE, SC 29611

EDR Hist Auto 1020923257
N/A

Site 2 of 3 in cluster A

Relative:
Higher

EDR Hist Auto

Actual:
870 ft.

Year: Name:
1991 MISTER DS QUICK STOP

Type:
Convenience Stores

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MISTER DS QUICK STOP (Continued)

1020923257

1992	MISTER DS QUICK STOP	Convenience Stores
1993	MISTER DS QUICK STOP	Convenience Stores
1994	MISTER DS QUICK STOP	Convenience Stores
1995	MISTER DS QUICK STOP	Convenience Stores
1998	TRAVELERS GAS 2	Gasoline Service Stations, NEC
1999	TRAVELERS GAS 2	Gasoline Service Stations, NEC
2000	MISTER DS QUICK STOP	Convenience Stores
2001	MISTER DS QUICK STOP	Convenience Stores
2002	MISTER DS QUICK STOP	Convenience Stores
2003	MISTER DS QUICK STOP	Convenience Stores
2004	MISTER DS QUICK STOP	Convenience Stores
2005	MISTER DS QUICK STOP	Convenience Stores
2006	MISTER DS QUICK STOP	Convenience Stores
2007	MISTER DS QUICK STOP	Convenience Stores
2008	MISTER DS QUICK STOP	Convenience Stores
2009	MISTER DS QUICK STOP	Convenience Stores
2010	MISTER DS QUICK STOP	Convenience Stores
2011	MISTER DS QUICK STOP	Convenience Stores
2012	MISTER DS QUICK STOP	Convenience Stores
2013	MISTER DS QUICK STOP	Convenience Stores
2014	MISTER DS QUICK STOP	Convenience Stores

A4
East
< 1/8
0.091 mi.
479 ft.

JALARAM 2 INC
3601 CALHOUN MEMORIAL HWY
GREENVILLE, SC
Site 3 of 3 in cluster A

UST **U004255127**
Financial Assurance **N/A**

Relative:
Higher
Actual:
870 ft.

UST:
 Name: JALARAM 2 INC
 Address: 3601 CALHOUN MEMORIAL HWY
 City: GREENVILLE
 Facility ID: 18796
 Permit: P 18796
 Owner: PATEL, ANKITA
 Owner Address: 105 LONGWOOD LN
 Owner City, st, zip: EASLEY SC 29642-7884
 Owner Phone: 813-376-1071

 Tank ID: 1
Status: Currently in Use
 Capacity: 15000
 Product: Multiple petroleum
 Calcage: 0

SC Financial Assurance 3:
 Name: JALARAM 2 INC
 Address: 3601 CALHOUN MEMORIAL HWY
 City,State,Zip: GREENVILLE, SC 29611
 Owner Name: PATEL, ANKITA
 Owner Address: 105 LONGWOOD LN
 Owner City St Zip: EASLEY SC 29642-7884
 Mechanism: Self Insurance 280.101
 Date Expired: 2/1/2021
 Bill: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

5
West
1/8-1/4
0.140 mi.
739 ft.

HOT SPOT 4002
3908 J C CALHOUN MEMORIAL HWY
EASLEY, SC

LUST **U004017265**
UST **N/A**
Financial Assurance

Relative:
Higher
Actual:
891 ft.

LUST:
Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL H
City,State,Zip: EASLEY, SC 29640
Release Number: 2
Facility ID: 12041
Release Status Number: 1
Substance: PETROL
Tank Owner Company Name: R L JORDAN OIL COMPANY O
Tank Owner Last Name: R L JORDAN OIL COMPANY OF NORTH CAROLINA
Tank Owner First name: Not reported
NFA Date: 09/29/2021
Tank Owner City: SPARTANBURG
Confirmed Date: 06/01/2012
Release Date: 05/15/2013
EID: 83805230
Local Facility District: Greenville EQC Office
SCRBCA Class Number: 2BB
Release Fin Type Code: W25
Qualified: Y
Release Source: UST
Local Fac Last Name: HOT SPOT 4002
Local Fac First Name: Not reported
User Name: BROWELJD
Cleanup Initiated Date: 05/23/2013
Prefix: P
Total Score: 195

LUST:
Release Date: 05/11/2012
Cleanup Complete Date: 09/10/2012
Depth to Ground Water: 11.6
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 06/01/2012
RP Name: R L JORDAN OIL COMPANY OF NORTH CAROLINA INC
RP Address: PO BOX 2527
RP City: SPARTANBURG
RP State: SC
RP Zip: 29304-2527
SCRBCA Class Code: CLASS2BB
Project Manager: SHRADER, ART A
Release Fin Type Code: W25

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL H
City,State,Zip: EASLEY, SC 29640
Release Number: 1
Facility ID: 12041
Release Status Number: 1
Substance: PETROL
Tank Owner Company Name: R L JORDAN OIL COMPANY O
Tank Owner Last Name: R L JORDAN OIL COMPANY OF NORTH CAROLINA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOT SPOT 4002 (Continued)

U004017265

Tank Owner First name: Not reported
NFA Date: 09/10/2012
Tank Owner City: SPARTANBURG
Confirmed Date: 06/01/2012
Release Date: 05/11/2012
EID: 83805230
Local Facility District: Greenville EQC Office
SCRBCA Class Number: 2BB
Release Fin Type Code: W25
Qualified: Y
Release Source: UST
Local Fac Last Name: HOT SPOT 4002
Local Fac First Name: Not reported
User Name: SHRADEAA
Cleanup Initiated Date: 06/01/2012
Prefix: P
Total Score: 0

LUST:

Release Date: 05/11/2012
Cleanup Complete Date: 09/10/2012
Depth to Ground Water: 11.6
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 06/01/2012
RP Name: R L JORDAN OIL COMPANY OF NORTH CAROLINA INC
RP Address: PO BOX 2527
RP City: SPARTANBURG
RP State: SC
RP Zip: 29304-2527
SCRBCA Class Code: CLASS2BB
Project Manager: SHRADER, ART A
Release Fin Type Code: W25

UST:

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL HWY
City: EASLEY
Facility ID: 12041
Permit: P 12041
Owner: R L JORDAN OIL COMPANY OF NORTH CAROLINA INC
Owner Address: 1451 FERNWOOD GLENDALE RD
Owner City, st, zip: SPARTANBURG SC 29307-3044
Owner Phone: 800-340-1627

Tank ID: 1
Status: **Currently in Use**
Capacity: 12000
Product: Gasoline RUL
Calcage: 0

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOT SPOT 4002 (Continued)

U004017265

Status: Currently in Use

Capacity: 8000
Product: Diesel fuel
Calcage: 0

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 3
Status: Currently in Use

Capacity: 8000
Product: Gasoline
Calcage: 0

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 4
Status: Currently in Use

Capacity: 8000
Product: Diesel fuel
Calcage: 0

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 5
Status: Currently in Use

Capacity: 8000
Product: Kerosene
Calcage: 0

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL HWY
City: EASLEY

Tank ID: 6
Status: Currently in Use

Capacity: 8000
Product: Gasoline Super/Prem
Calcage: 0

SC Financial Assurance 3:

Name: HOT SPOT 4002
Address: 3908 J C CALHOUN MEMORIAL HWY
City,State,Zip: EASLEY, SC 29640
Owner Name: R L JORDAN OIL COMPANY OF NORTH CAROLINA INC
Owner Address: 1451 FERNWOOD GLENDALE RD
Owner City St Zip: SPARTANBURG SC 29307-3044
Mechanism: Self Insurance 280.101
Date Expired: 2/1/2022
Bill: 6

Count: 10 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EASLEY	S110143037	PLATT SACO LOWELL CORP.	HWY 123	29640	VCP, BROWNFIELDS
EASLEY	1003868422	PLATT SACO LOWELL CORP.	HWY 123	29640	SEMS-ARCHIVE
EASLEY	S108953980	GEORGE'S CREEK DUMP	HWY 123 NEAR 3649 CALHOUN MEM	29611	SHWS
EASLEY	S128636742	FMR DRYCLEAN USA OF SC, INC	1815 BYPASS 123 (5546 CALHOUN		DRYCLEANERS
EASLEY	S107599658	FMR DRYCLEAN USA OF SC INC	1815 BYPASS 123 (5546 CALHOUN	29640	SHWS
EASLEY	S107599681	GRACE CLEANERS	5119-D CALHOUN MEMORIAL HWY	29640	SHWS, DRYCLEANERS
EASLEY	S108953982	NORFOLK-SOUTHERN-CROSSWELL SITE	INTER OF N FISHTRAP & NORFOLK	29640	SHWS
EASLEY	U004017190	SAV A TON	3790 JOHN C CALHOUN MEMORIAL		LUST, UST, Financial Assurance
EASLEY	S110625346		OLD EASLEY BRIDGE RD AND CROSW		CDL
GREENVILLE	U003525964	TIRES INC	RT 11 NEW EASLEY HWY		LUST, UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: N/A
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 800-424-9346
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022	Source: EPA
Date Data Arrived at EDR: 06/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 08/22/2022	Telephone: 843-820-7326
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/20/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/15/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/17/2022	Telephone: 703-603-0695
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2022

Date Data Arrived at EDR: 06/15/2022

Date Made Active in Reports: 06/21/2022

Number of Days to Update: 6

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/20/2022

Next Scheduled EDR Contact: 01/02/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Site Assessment Section Project List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/16/2022

Date Data Arrived at EDR: 06/24/2022

Date Made Active in Reports: 09/12/2022

Number of Days to Update: 80

Source: Department of Health and Environmental Control

Telephone: 803-898-0835

Last EDR Contact: 08/30/2022

Next Scheduled EDR Contact: 12/19/2022

Data Release Frequency: Semi-Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Permitted Landfills List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/09/2022

Date Data Arrived at EDR: 06/09/2022

Date Made Active in Reports: 06/13/2022

Number of Days to Update: 4

Source: Department of Health and Environmental Control

Telephone: 803-734-5165

Source: Department of Health and Environmental Control, GIS Section

Telephone: 803-896-4084

Last EDR Contact: 08/30/2022

Next Scheduled EDR Contact: 12/19/2022

Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank List

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/27/2022

Date Data Arrived at EDR: 07/27/2022

Date Made Active in Reports: 10/13/2022

Number of Days to Update: 78

Source: Department of Health and Environmental Control

Telephone: 803-898-4350

Last EDR Contact: 10/11/2022

Next Scheduled EDR Contact: 01/30/2023

Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2022

Date Data Arrived at EDR: 06/13/2022

Date Made Active in Reports: 08/16/2022

Number of Days to Update: 64

Source: EPA, Region 5

Telephone: 312-886-7439

Last EDR Contact: 10/17/2022

Next Scheduled EDR Contact: 01/30/2023

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-6597
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-8677
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 10/17/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

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

Date of Government Version: 04/08/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3372
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6271
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 09/27/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

UST: Comprehensive Underground Storage Tanks

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/07/2022	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 01/07/2022	Telephone: 803-896-7957
Date Made Active in Reports: 03/23/2022	Last EDR Contact: 09/28/2022
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank List

Registered Aboveground Storage Tanks.

Date of Government Version: 03/25/2004	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 08/04/2004	Telephone: 803-898-4350
Date Made Active in Reports: 09/23/2004	Last EDR Contact: 08/15/2022
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/02/2022	Source: EPA Region 4
Date Data Arrived at EDR: 06/13/2022	Telephone: 404-562-9424
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 10/17/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

RCR: Registry of Conditional Remedies

The Bureau of Land and Waste Management established this Registry to help monitor and maintain sites that have conditional remedies. A Conditional Remedy is an environmental remedy that includes certain qualifications. These qualifications are divided into two major categories: Remedies requiring Land Use Controls and Conditional No Further Actions.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/13/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78

Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 08/30/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

AUL: Land Use Controls

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

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/08/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 79

Source: Department of Health & Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

VCP: Voluntary Cleanup Sites

Sites participating in the Voluntary Cleanup Program. Once staff and a non-responsible party have agreed upon an approved scope of work for a site investigation and/or remediation, the party enters into a voluntary cleanup contract. Staff oversees the cleanup efforts to ensure that activities are performed to our satisfaction. Upon completion of the negotiated work in the voluntary cleanup contract, the non-responsible party receives State Superfund liability protection.

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/13/2022
Date Made Active in Reports: 09/27/2022
Number of Days to Update: 76

Source: Department of Health and Environmental Control
Telephone: 803-896-4049
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Sites Listing

The Brownfields component of the Voluntary Cleanup Program allows a non-responsible party to acquire a contaminated property with State Superfund liability protection for existing contamination by agreeing to perform an environmental assessment and/or remediation.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/13/2022
Date Made Active in Reports: 09/27/2022
Number of Days to Update: 76

Source: Department of Health & Environmental Control
Telephone: 803-896-4069
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Solid Waste Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 03/13/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 70

Source: Department of Health & Environmental Control
Telephone: 803-896-8985
Last EDR Contact: 08/30/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

ALLSITES: Site Assessment & Remediation Public Record Database

The South Carolina Department of Health and Environmental Control is pleased to have the Public Record for your review. The purpose of this database is two-fold. First, it will provide to communities another form of notice of cleanup activity, allowing them to have more information about assessment and cleanup activities in their area and in the State. Second, it can assist those seeking to redevelop brownfield properties within South Carolina.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/08/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 79

Source: Department of Health & Environmental Control
Telephone: 803-896-4000
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

CDL 2: Clandestine Drug Lab Listing

A listing of clandestine drug lab site locations.

Date of Government Version: 08/26/2022
Date Data Arrived at EDR: 08/29/2022
Date Made Active in Reports: 09/22/2022
Number of Days to Update: 24

Source: South Carolina Law Enforcement Division
Telephone: 803-896-7136
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

CDL: Clandestine Drug Lab Sites

A listing of clandestine drug lab site locations.

Date of Government Version: 01/24/2012
Date Data Arrived at EDR: 01/26/2012
Date Made Active in Reports: 02/24/2012
Number of Days to Update: 29

Source: Department of Health & Environmental Control
Telephone: 803-896-4288
Last EDR Contact: 08/24/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/19/2022
Date Data Arrived at EDR: 09/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 11

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

SPILLS: Spill List

Spills and releases of petroleum and hazardous chemicals reported to the Oil & Chemical Emergency Response division.

Date of Government Version: 05/26/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 05/27/2022
Number of Days to Update: 1

Source: Department of Health and Environmental Control
Telephone: 803-898-4111
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Semi-Annually

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 10/25/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/26/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (404) 562-8651
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 09/19/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/11/2022	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/11/2022	Telephone: 202-528-4285
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 10/13/2022
Number of Days to Update: 239	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 10/03/2022
Number of Days to Update: 574	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/03/2022
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: 202-566-1917
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 09/20/2022
Number of Days to Update: 71	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 10/28/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/28/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 09/12/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/26/2022
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 11/01/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/18/2022	Source: EPA
Date Data Arrived at EDR: 07/18/2022	Telephone: 202-564-4203
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 10/18/2022
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 703-416-0223
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 10/27/2022
Number of Days to Update: 6	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/26/2022	Source: EPA
Date Data Arrived at EDR: 08/02/2022	Telephone: 202-564-6023
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/16/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 10/06/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 09/27/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

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

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/10/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/14/2022	Telephone: 301-415-7169
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 10/11/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 08/25/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 09/21/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/10/2023
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/24/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/02/2022	Telephone: 703-603-8787
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 11/01/2022
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/09/2023
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/03/2022	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 08/17/2022	Telephone: 303-231-5959
Date Made Active in Reports: 08/31/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022	Source: DOL, Mine Safety & Health Admi
Date Data Arrived at EDR: 08/02/2022	Telephone: 202-693-9424
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 10/04/2022
Number of Days to Update: 59	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020	Source: USGS
Date Data Arrived at EDR: 05/27/2020	Telephone: 703-648-7709
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 08/17/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 08/17/2022
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/14/2022	Source: Department of Interior
Date Data Arrived at EDR: 06/15/2022	Telephone: 202-208-2609
Date Made Active in Reports: 08/22/2022	Last EDR Contact: 09/13/2022
Number of Days to Update: 68	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022	Source: EPA
Date Data Arrived at EDR: 08/25/2022	Telephone: (404) 562-9900
Date Made Active in Reports: 10/24/2022	Last EDR Contact: 08/25/2022
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/12/2022
	Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/25/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2022	Telephone: 202-564-2280
Date Made Active in Reports: 09/30/2022	Last EDR Contact: 09/30/2022
Number of Days to Update: 91	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

AIRS: Permitted Airs Facility Listing

A listing of permitted air facilities.

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 05/25/2022
Date Made Active in Reports: 08/12/2022
Number of Days to Update: 79

Source: Department of Health & Environmental Control
Telephone: 803-898-4279
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos abatement & demolition project list

Date of Government Version: 04/13/2022
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8

Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of sites with coal ash ponds.

Date of Government Version: 03/20/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/25/2018
Number of Days to Update: 34

Source: Department of Health & Environmental Control
Telephone: 803-898-3964
Last EDR Contact: 09/08/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Database

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

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 04/27/2022
Date Made Active in Reports: 07/18/2022
Number of Days to Update: 82

Source: Department of Health & Environmental Control
Telephone: 803-898-3882
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/22/2022	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 06/23/2022	Telephone: 803-896-4067
Date Made Active in Reports: 09/12/2022	Last EDR Contact: 08/30/2022
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Semi-Annually

Financial Assurance 2: Financial Assurance Information Listing

Hazardous waste financial assurance information.

Date of Government Version: 08/01/2022	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 08/02/2022	Telephone: 803-898-3880
Date Made Active in Reports: 08/25/2022	Last EDR Contact: 07/20/2022
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing

UST financial assurance information.

Date of Government Version: 01/07/2022	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 01/07/2022	Telephone: 803-898-3880
Date Made Active in Reports: 03/23/2022	Last EDR Contact: 09/28/2022
Number of Days to Update: 75	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

GWCI: Groundwater Contamination Inventory

An inventory of all groundwater contamination cases in the state.

Date of Government Version: 07/01/2008	Source: Department of Health and Environmental Control
Date Data Arrived at EDR: 11/06/2008	Telephone: 803-898-3798
Date Made Active in Reports: 11/19/2008	Last EDR Contact: 09/13/2022
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/02/2023
	Data Release Frequency: Annually

NPDES: Waste Water Treatment Facilities Listing

A listing of waste water treatment facility locations.

Date of Government Version: 07/27/2022	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 07/27/2022	Telephone: 803-898-4300
Date Made Active in Reports: 10/13/2022	Last EDR Contact: 10/11/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/30/2023
	Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of underground injection wells locations.

Date of Government Version: 07/27/2022	Source: Department of Health & Environmental Control
Date Data Arrived at EDR: 07/27/2022	Telephone: 803-898-3799
Date Made Active in Reports: 08/01/2022	Last EDR Contact: 10/20/2022
Number of Days to Update: 5	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Semi-Annually

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 09/28/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MANIFEST: Hazardous Waste Manifest Data

A generator who transports, or offers for transportation, hazardous waste for off-site treatment, storage or disposal must prepare a hazardous waste manifest to accompany such shipment.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 05/02/2022
Number of Days to Update: 88

Source: Department of Health & Environmental Control
Telephone: 803-898-3796
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Health and Environmental Control
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Health and Environmental Control
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environmental Control in South Carolina.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Health and Environmental Control
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/08/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/08/2022	Telephone: 860-424-3375
Date Made Active in Reports: 10/21/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 74	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 10/03/2022
Number of Days to Update: 36	Next Scheduled EDR Contact: 01/16/2023
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 10/28/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 02/06/2023
	Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2019	Telephone: 717-783-8990
Date Made Active in Reports: 09/10/2019	Last EDR Contact: 10/05/2022
Number of Days to Update: 53	Next Scheduled EDR Contact: 01/23/2023
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020	Source: Department of Environmental Management
Date Data Arrived at EDR: 11/30/2021	Telephone: 401-222-2797
Date Made Active in Reports: 02/18/2022	Last EDR Contact: 08/10/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 08/29/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/19/2022
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Day Care List

Source: Department of Social Services

Telephone: 803-898-7345

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 803-734-9494

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SC 123 OVER GEORGES CREEK
SC 123
EASLEY, SC 29640

TARGET PROPERTY COORDINATES

Latitude (North): 34.83136 - 34° 49' 52.90"
Longitude (West): 82.49692 - 82° 29' 48.91"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 363115.3
UTM Y (Meters): 3855166.2
Elevation: 825 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 15795317 GREENVILLE, SC
Version Date: 2020

West Map: 15795307 EASLEY, SC
Version Date: 2020

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

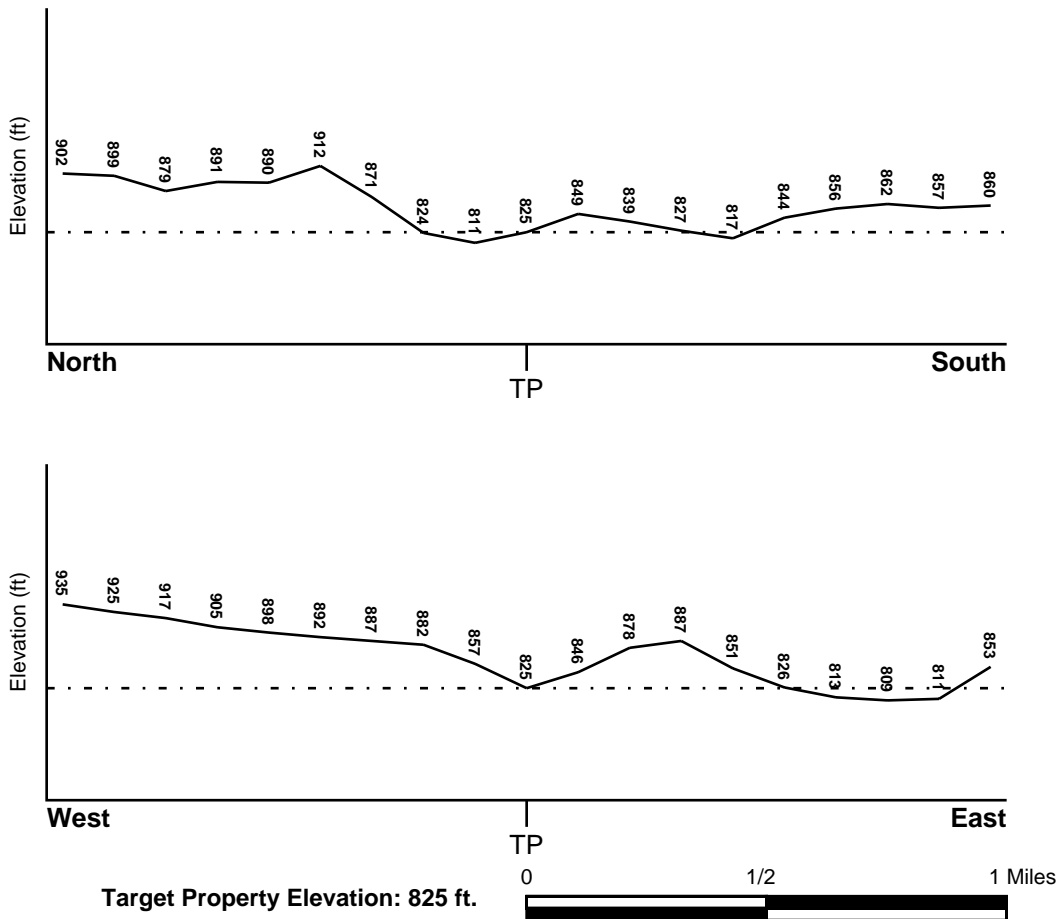
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
45077C0330D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
45077C0310D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
GREENVILLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

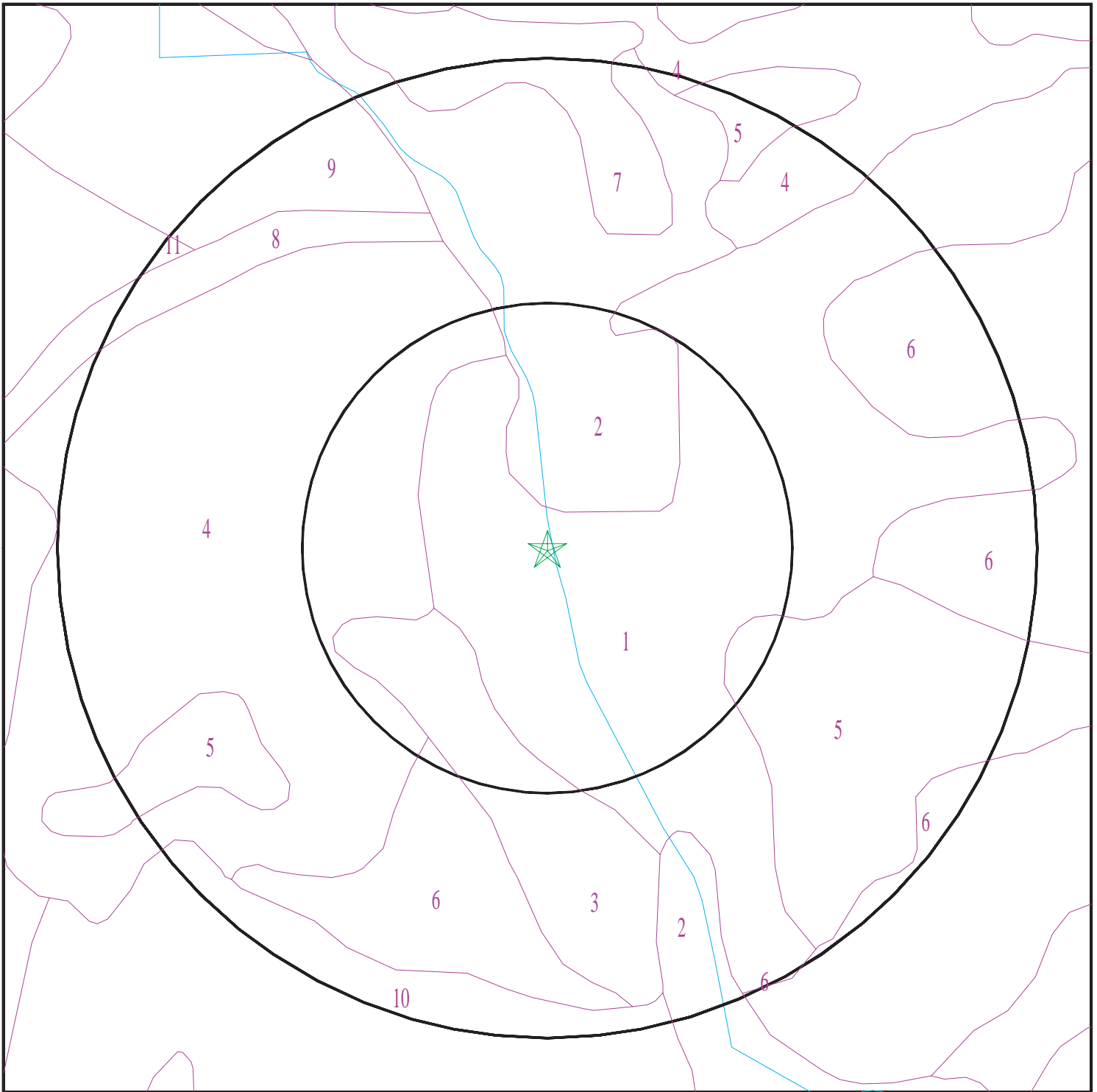
Era:	Paleozoic
System:	Mississippian
Series:	migmatite
Code:	mm3 (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

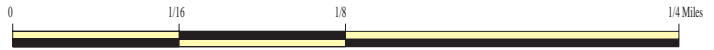
Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7167663.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
Easley SC 29640
LAT/LONG: 34.83136 / 82.49692

CLIENT: F&ME Consultants
CONTACT: Rodney Wingard
INQUIRY #: 7167663.2s
DATE: November 02, 2022 5:15 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: PACOLET

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	24 inches	sandy clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
3	24 inches	31 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
4	31 inches	59 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 2

Soil Component Name: CONGAREE

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 99 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 7.3 Min: 4.5
2	7 inches	51 inches	silty clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 7.3 Min: 4.5

Soil Map ID: 3

Soil Component Name: PACOLET

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
2	5 inches	24 inches	sandy clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	24 inches	31 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5
4	31 inches	59 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: HIWASSEE

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	5 inches	50 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	50 inches	59 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 5

Soil Component Name: HIWASSEE

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	5 inches	50 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	50 inches	59 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 6

Soil Component Name: CECIL

Soil Surface Texture:

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: Min:	Max: Min:
2	5 inches	53 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	53 inches	59 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 7

Soil Component Name: CHEWACLA

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	7 inches	59 inches	silty clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: CARTECAY

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Not reported	Not reported	Max: 141 Min: 42	Max: 6.5 Min: 5.1
2	9 inches	40 inches	sandy loam	Not reported	Not reported	Max: 141 Min: 42	Max: 6.5 Min: 5.1
3	40 inches	59 inches	sandy loam	Not reported	Not reported	Max: 141 Min: 42	Max: 6.5 Min: 5.1

Soil Map ID: 9

Soil Component Name: CECIL

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	53 inches	clay	Not reported	Not reported	Max: Min:	Max: Min:
3	53 inches	59 inches	sandy clay loam	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 10

Soil Component Name: HIWASSEE

Soil Surface Texture: clay

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	5 inches	50 inches	clay	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
2	50 inches	59 inches	sandy loam	Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5
3	0 inches	5 inches		Not reported	Not reported	Max: 14 Min: 4	Max: 6.5 Min: 4.5

Soil Map ID: 11

Soil Component Name: CECIL

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sandy loam	Not reported	Not reported	Max: Min:	Max: Min:
2	5 inches	53 inches	clay loam	Not reported	Not reported	Max: Min:	Max: Min:
3	53 inches	59 inches	sandy clay loam	Not reported	Not reported	Max: Min:	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS40001060945	1/4 - 1/2 Mile East
B4	USGS40001060929	1/2 - 1 Mile ESE
C5	USGS40001060944	1/2 - 1 Mile East
D10	USGS40001060990	1/2 - 1 Mile ENE
D11	USGS40001060991	1/2 - 1 Mile ENE
E12	USGS40001060982	1/2 - 1 Mile East
F14	USGS40001060899	1/2 - 1 Mile SSE
G16	USGS40001061014	1/2 - 1 Mile NNE
H18	USGS40001061010	1/2 - 1 Mile NNE
H19	USGS40001061011	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I22	USGS40001060981	1/2 - 1 Mile East
J25	USGS40001060930	1/2 - 1 Mile West
K26	USGS40001060988	1/2 - 1 Mile ENE
K27	USGS40001060989	1/2 - 1 Mile ENE
L31	USGS40001060987	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

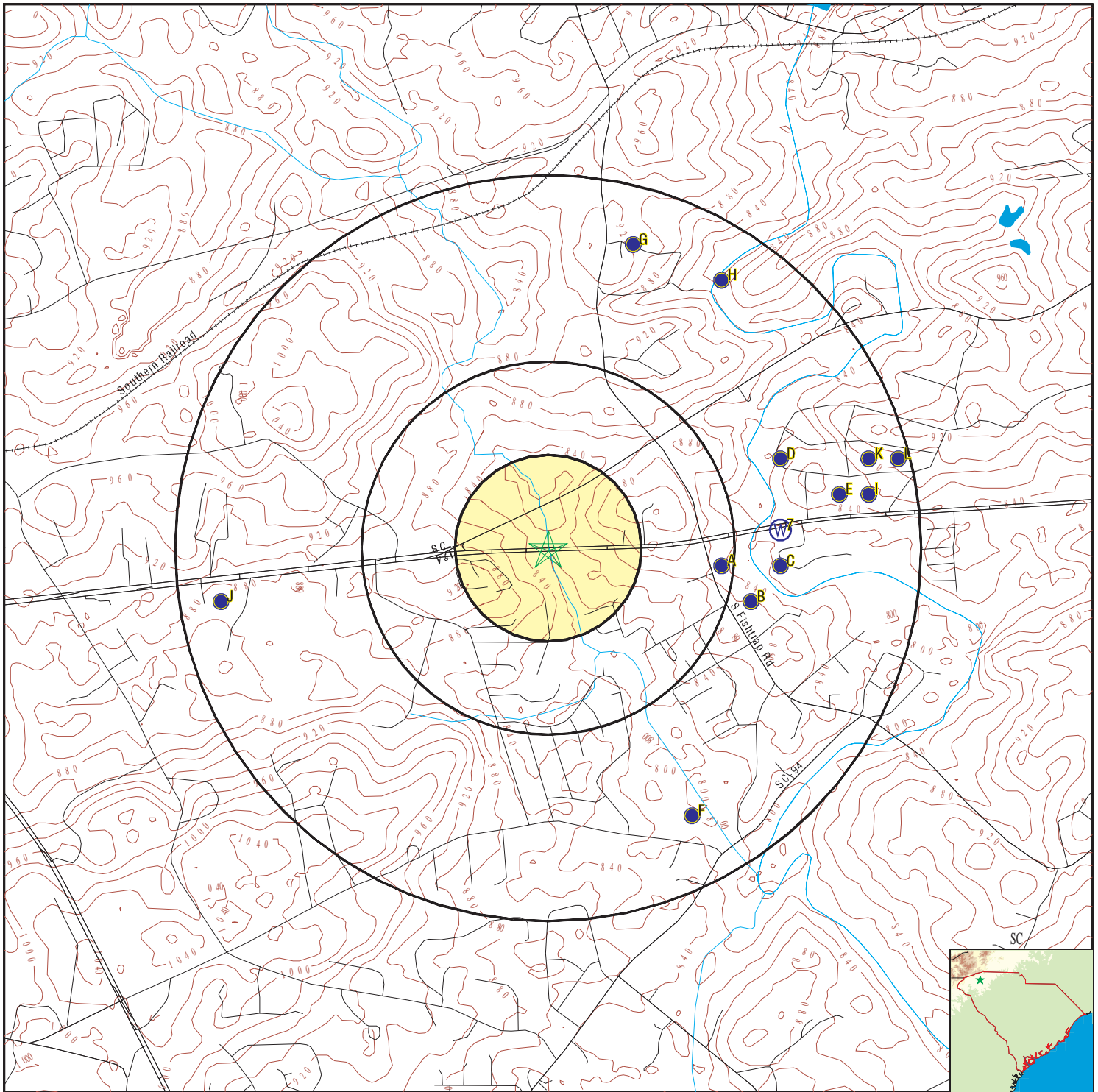
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

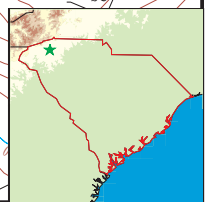
MAP ID	WELL ID	LOCATION FROM TP
A1	SCP500000019741	1/4 - 1/2 Mile East
B3	SCP500000019742	1/2 - 1 Mile ESE
C6	SCP500000019740	1/2 - 1 Mile East
7	SCP500000019743	1/2 - 1 Mile East
D8	SCP500000019724	1/2 - 1 Mile ENE
D9	SCP500000019728	1/2 - 1 Mile ENE
E13	SCP500000019727	1/2 - 1 Mile East
F15	SCP500000019739	1/2 - 1 Mile SSE
G17	SCP500000019723	1/2 - 1 Mile NNE
H20	SCP500000019725	1/2 - 1 Mile NNE
H21	SCP500000019726	1/2 - 1 Mile NNE
I23	SCP500000019714	1/2 - 1 Mile East
J24	SCP500000020813	1/2 - 1 Mile West
K28	SCP500000019716	1/2 - 1 Mile ENE
K29	SCP500000019719	1/2 - 1 Mile ENE
L30	SCP500000019715	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 7167663.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



SITE NAME: SC 123 over Georges Creek
 ADDRESS: SC 123
 Easley SC 29640
 LAT/LONG: 34.83136 / 82.49692

CLIENT: F&ME Consultants
 CONTACT: Rodney Wingard
 INQUIRY #: 7167663.2s
 DATE: November 02, 2022 5:15 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
East
1/4 - 1/2 Mile
Higher

SC WELLS SCP500000019741

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48F--e003	Old SCDNR #:	48F--e003
SCWRC #:	48F--e003	SCWRC Transitional #:	48F--e003
SCWRC Original #:	48F--e03	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	91
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	Not Reported
Source:	W	Yield:	4
Updated:	1989091400000.000		

A2
East
1/4 - 1/2 Mile
Higher

FED USGS USGS40001060945

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 152	Type:	Well
Description:	DATA FROM SCDNR: 48F--e03 ROCK TYPE: IS		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19540101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	91
Well Hole Depth Units:	ft		

B3
ESE
1/2 - 1 Mile
Higher

SC WELLS SCP500000019742

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48F--e004	Old SCDNR #:	48F--e004
SCWRC #:	48F--e004	SCWRC Transitional #:	48F--e004
SCWRC Original #:	48F--e04	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	175
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	Not Reported
Source:	W	Yield:	3
Updated:	1989091400000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B4
ESE
1/2 - 1 Mile
Higher

FED USGS USGS40001060929

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 153	Type:	Well
Description:	Longitude out of range of county		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19600101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	175
Well Hole Depth Units:	ft		

C5
East
1/2 - 1 Mile
Lower

FED USGS USGS40001060944

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 117	Type:	Well
Description:	Longitude out of range of county		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19530101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	111
Well Hole Depth Units:	ft		

C6
East
1/2 - 1 Mile
Lower

SC WELLS SCP500000019740

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48F--e002	Old SCDNR #:	48F--e002
SCWRC #:	48F--e002	SCWRC Transitional #:	48F--e002
SCWRC Original #:	48F--e02	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	111
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	3
Updated:	1989091400000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

7
East
1/2 - 1 Mile
Lower

SC WELLS SCP500000019743

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48F--e005	Old SCDNR #:	48F--e005
SCWRC #:	48F--e005	SCWRC Transitional #:	48F--e005
SCWRC Original #:	48F--e05	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	125
Completed Depth:	0	Elevation:	0
Topography:	VALL	Aquifer:	CZbs/Qal
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	4
Updated:	1990052500000.000		

D8
ENE
1/2 - 1 Mile
Lower

SC WELLS SCP500000019724

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--y002	Old SCDNR #:	48E--y002
SCWRC #:	48E--y002	SCWRC Transitional #:	48E--y002
SCWRC Original #:	48E--y02	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	80
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	0
Updated:	1989091400000.000		

D9
ENE
1/2 - 1 Mile
Lower

SC WELLS SCP500000019728

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--y006	Old SCDNR #:	48E--y006
SCWRC #:	48E--y006	SCWRC Transitional #:	48E--y006
SCWRC Original #:	48E--y06	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	78
Completed Depth:	0	Elevation:	0
Topography:	VALL	Aquifer:	CZbs/Qal
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	6
Updated:	1990070300000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D10
ENE
1/2 - 1 Mile
Lower

FED USGS USGS40001060990

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 116	Type:	Well
Description:	Longitude out of range of county		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19520101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	80
Well Hole Depth Units:	ft		

D11
ENE
1/2 - 1 Mile
Lower

FED USGS USGS40001060991

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 617	Type:	Well
Description:	DATA FROM SCDNR: 48E--y06 ROCK TYPE: GGN		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19590601	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	78
Well Hole Depth Units:	ft		

E12
East
1/2 - 1 Mile
Higher

FED USGS USGS40001060982

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 613	Type:	Well
Description:	DATA FROM SCDNR: 48E--y05 ROCK TYPE: GGN		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19530901	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	65
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E13
East
1/2 - 1 Mile
Higher

SC WELLS SCP500000019727

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--y005	Old SCDNR #:	48E--y005
SCWRC #:	48E--y005	SCWRC Transitional #:	48E--y005
SCWRC Original #:	48E--y05	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	65
Completed Depth:	0	Elevation:	0
Topography:	VALL	Aquifer:	CZbs/Qal
Basin:	Not Reported	Water Use:	IR
Source:	W	Yield:	8
Updated:	1990070300000.000		

F14
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40001060899

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 48	Type:	Well
Description:	DATA FROM SCDNR: 48F--e01 ROCK TYPE: IS		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19560411	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	120
Well Hole Depth Units:	ft		

F15
SSE
1/2 - 1 Mile
Lower

SC WELLS SCP500000019739

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48F--e001	Old SCDNR #:	48F--e001
SCWRC #:	48F--e001	SCWRC Transitional #:	48F--e001
SCWRC Original #:	48F--e01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	120
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	4
Updated:	1989091400000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

G16
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40001061014

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 49	Type:	Well
Description:	DATA FROM SCDNR: 48E--y01 ROCK TYPE: IS		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	115
Well Hole Depth Units:	ft		

G17
NNE
1/2 - 1 Mile
Higher

SC WELLS SCP500000019723

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--y001	Old SCDNR #:	48E--y001
SCWRC #:	48E--y001	SCWRC Transitional #:	48E--y001
SCWRC Original #:	48E--y01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	115
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	1
Updated:	19890914000000.000		

H18
NNE
1/2 - 1 Mile
Lower

FED USGS USGS40001061010

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 143	Type:	Well
Description:	DATA FROM SCDNR: 48E--y03 ROCK TYPE: IS		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19590101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	126
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

H19
NNE
1/2 - 1 Mile
Lower

FED USGS USGS40001061011

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 169	Type:	Well
Description:	DATA FROM SCDNR: 48E--y04	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19460101	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	105
Well Hole Depth Units:	ft		

H20
NNE
1/2 - 1 Mile
Lower

SC WELLS SCP500000019725

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--y003	Old SCDNR #:	48E--y003
SCWRC #:	48E--y003	SCWRC Transitional #:	48E--y003
SCWRC Original #:	48E--y03	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	126
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	7
Updated:	19890914000000.000		

H21
NNE
1/2 - 1 Mile
Lower

SC WELLS SCP500000019726

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--y004	Old SCDNR #:	48E--y004
SCWRC #:	48E--y004	SCWRC Transitional #:	48E--y004
SCWRC Original #:	48E--y04	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	105
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	Not Reported
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	7
Updated:	19890914000000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I22
East
1/2 - 1 Mile
Higher

FED USGS USGS40001060981

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 180	Type:	Well
Description:	REPORTED WELL YEILD @ 8	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	1956	Well Depth:	76
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

I23
East
1/2 - 1 Mile
Higher

SC WELLS SCP500000019714

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--x001	Old SCDNR #:	48E--x001
SCWRC #:	48E--x001	SCWRC Transitional #:	48E--x001
SCWRC Original #:	48E--x01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	76
Completed Depth:	0	Elevation:	0
Topography:	VALL	Aquifer:	CZbs/Qal
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	8
Updated:	1990052500000.000		

J24
West
1/2 - 1 Mile
Higher

SC WELLS SCP500000020813

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	49F--a001	Old SCDNR #:	49F--a001
SCWRC #:	49F--a001	SCWRC Transitional #:	49F--a001
SCWRC Original #:	49F--a01	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	75
Completed Depth:	0	Elevation:	0
Topography:	Not Reported	Aquifer:	is
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	0
Updated:	1989091400000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

J25
West
1/2 - 1 Mile
Higher

FED USGS USGS40001060930

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	PCK- 34	Type:	Well
Description:	DATA FROM SCDNR: 49F--a01 ROCK TYPE: IS		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	75
Well Hole Depth Units:	ft		

K26
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40001060988

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 256	Type:	Well
Description:	WELL YIELD @ 3	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	1963	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

K27
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40001060989

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 611	Type:	Well
Description:	DATA FROM SCDNR: 48E--x06 ROCK TYPE: GGN		
HUC:	Not Reported	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	19610501	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	168
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K28
ENE
1/2 - 1 Mile
Higher

SC WELLS SCP500000019716

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--x003	Old SCDNR #:	48E--x003
SCWRC #:	48E--x003	SCWRC Transitional #:	48E--x003
SCWRC Original #:	48E--x03	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	200
Completed Depth:	0	Elevation:	0
Topography:	HTOP	Aquifer:	CZbs/Qal
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	3
Updated:	1991042300000.000		

K29
ENE
1/2 - 1 Mile
Higher

SC WELLS SCP500000019719

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--x006	Old SCDNR #:	48E--x006
SCWRC #:	48E--x006	SCWRC Transitional #:	48E--x006
SCWRC Original #:	48E--x06	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	168
Completed Depth:	0	Elevation:	0
Topography:	HTOP	Aquifer:	CZbs/Qal
Basin:	Not Reported	Water Use:	CO
Source:	W	Yield:	3
Updated:	1993031200000.000		

L30
ENE
1/2 - 1 Mile
Higher

SC WELLS SCP500000019715

Database:	Water Well Database (Piedmont Counties)		
SCDNR Grid #:	48E--x002	Old SCDNR #:	48E--x002
SCWRC #:	48E--x002	SCWRC Transitional #:	48E--x002
SCWRC Original #:	48E--x02	DHEC Permit #:	Not Reported
DHEC Construction Permit #:	Not Reported	DHEC Public Supply Sys #:	Not Reported
DHEC Public Well #:	Not Reported	Total Well Depth:	147
Completed Depth:	0	Elevation:	0
Topography:	HTOP	Aquifer:	CZbs/Qal
Basin:	Not Reported	Water Use:	DO
Source:	W	Yield:	3
Updated:	1990052500000.000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

L31
ENE
1/2 - 1 Mile
Higher

FED USGS USGS40001060987

Organization ID:	USGS-SC		
Organization Name:	USGS South Carolina Water Science Center		
Monitor Location:	GRV- 212	Type:	Well
Description:	REPORTED WELL YEILD @ 3	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Piedmont and Blue Ridge crystalline-rock aquifers		
Formation Type:	Bedrock	Aquifer Type:	Unconfined single aquifer
Construction Date:	1958	Well Depth:	147
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: SC Radon

Radon Test Results

Zipcode	Average	Num Tests	Minimum	Maximum	% > 4 pCi/L
29640	2.2	101	0.3	9.4	14.9

Federal EPA Radon Zone for PICKENS County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 29640

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.400 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 803-734-9494

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

South Carolina Water Well Database

Source: Department of Natural Resources

Telephone: 803-734-6440

Water wells in the Coastal Plain counties of South Carolina.

Water Well Database

Source: Department of Natural Resources

Telephone: 864-654-1671

A listing of water wells in the Piedmont (upstate) counties.

OTHER STATE DATABASE INFORMATION

RADON

State Database: SC Radon

Source: Department of Health & Environmental Control

Telephone: 864-241-1090

Radon Test Results by Zip Code

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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OLD EASLEY BRIDGE RD AND CROSWELL DR
EASLEY, SC

Inquiry Number:
November 21, 2022

EDR Site Report™



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SECTION 1: FACILITY DETAIL REPORTS

OLD EASLEY BRIDGE RD AND CROSWELL DR
EASLEY, SC
EDR ID #S110625346

Databases:

CDL: Clandestine Drug Lab Sites

CDL:

Lab/Seizure Unit # (Apt, Room Number, Ect.):	Not reported	
Latitude:	Not reported	
Longitude:	Not reported	
QA/QC Id #:	1011	
Id Num Of GIS Data Point:	1004	
Has Call Been Verified To Be True:	Yes	
EFIS Report Number:	0	
Did DHEC Respond To The Site In Any Way?:	No	
Direct Threat Of Environment Or Public Health?:	No	
Type Of Report-Lab Seizure:	No	
Report Chemicals/Glassware/Equipment Seizure:	No	
Report-Dumpsite Seizure:	Yes	
Official Police Report Or Case Number:	2010-10334	
Seizure Date:	5/14/2010	
Law Enforcement Agency In Charge (Generator):	Pickens County Sheriff	
Originating Agency Identification (Ori) Number:	390000	
Law Enforcement Agency In Charge City:	Pickens	
Law Enforcement Agency In Charge State:	SC	
Leo Case Or File Title:	0	
Name Of Person Reporting Incident:	Brett Barwick	
Telephone Number Of Caller:	8648985520	
Seizure Location - Apartment, Condo:	No	
Seizure Location - Hotel Or Motel:	No	
Seizure Location - Out Building (Shed,etc.):	No	
Seizure Location - Vehicle:	No	
Seizure Location - Family Dwelling House:	No	
Seizure Location - Family Dwelling Mobile Home:	No	
Seizure Loc-FamilyDwellingDuplex Or Other NonApartment MultiStructure:	No	No
Seizure Location - Dumpster:	No	
Seizure Location - Storage Locker:	No	
Seizure Location - Open - No Structure:	Yes	
Seizure Location - Business:	No	
Seizure Location - Other - Describe:	Not reported	
Neighborhood - Commercial Or Industrial:	No	
Neighborhood - Public Land - Check Box:	No	
Neighborhood - Public Land - Name:	Not reported	
Neighborhood - Rural:	Yes	
Neighborhood - Suburban:	No	
Neighborhood - Other - Check Box:	No	
Neighborhood - Other - Describe:	Not reported	
Neighborhood - Urban:	No	
Lab Status - Operational, Not In Production:	No	
Lab Status - Operational, In Production:	No	
Lab Status - Abandoned:	Yes	
Lab Status - Boxed Or Dismantled:	No	
Lab Status - Fire Or Explosion:	No	
Lab Status - Other, Check Box:	No	
Lab Status - Other, Describe:	Not reported	
Lab Mfg Proc-Ephedrin,RedP,HydriodicAcidAnd/OrIodineReduction:	No	No
LMP-Pseudoephedrin, RedP,HydriodicAcid And/Or Iodine Reduction:	No	No
Lab Mfg Process-P2p / Methylamine:	No	No
Lab Mfg Process-Hydrogenation:	No	No
LMP-Ephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,AnhydrousAmmonia:	No	No
LMP-Pseudoephedrin,(Nazi/Birch)-Lithium,Sodium,Potassium,An Ammonia:	Yes	No
Lab Mfg Process-Hydriodic Acid Method:	No	No
Lab Mfg Process-Anhydrous Ammonia Manufacturing:	No	No
Lab Mfg Process-Ephedrine Tablet Extraction:	No	No
Lab Mfg Process-Pseudoephedrine Tablet Extraction:	No	No
Lab Mfg Process-Other, Describe:	No	No
Lab Mfg Process-Other, Describe:	Not reported	Not reported
Lab Type - Amphetamine:	0	
Lab Type - Hydriodic Acid:	0	
Lab Type - Tablet Extraction:	0	
Lab Type - GHB:	0	
Lab Type - Anhydrous Ammonia:	0	
Lab Type - MDMA:	0	
Lab Type - Methamphetamine:	1	
Lab Type - Methcathinone:	0	
Lab Type - PCP:	0	
Lab Type - Other, Describe:	0	
Lab Type - Other, Describe:	Not reported	
Method Waste Disposal Cook Used.Poured Down Drains,etc.:	Not reported	Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Was There A Fire?:	No	
Was There An Explosion?:	No	
Was Anyone Injured?:	No	
Were There Any Deaths?:	No	
Other Than Lab Itself, Was There Evacuation Due To Hazard?:	No	No
Was A Chemist On Site? State Or Local.:	No	
Was A Chemist On Site? Dea Or Dea Contractor:	No	
Did The Leo Perform Removal?:	No	
Was A Hazmat Contractor Used?:	Yes	
Name Of Hm Contractor Used.:	Not reported	
Remarks:	1004	

SECTION 2: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

SC CDL: Clandestine Drug Lab Sites

Source: Department of Health & Environmental Control

Telephone: 803-896-4288

A listing of clandestine drug lab site locations.

Date of Government Version: 01/24/2012

Database Release Frequency: Varies

Date of Last EDR Contact: 08/24/2022

Date of Next Scheduled Update: 12/12/2022

GEORGE'S CREEK DUMP

HWY 123 NEAR 3649 CALHOUN MEM HWY
EASLEY, SC 29611

Inquiry Number:
November 21, 2022

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SECTION 1: FACILITY DETAIL REPORTS

GEORGE'S CREEK DUMP
HWY 123 NEAR 3649 CALHOUN MEM HWY
EASLEY, SC 29611
EDR ID #S108953980

Databases:

HWS: Site Assessment Section Project List

SHWS:

Name: GEORGE'S CREEK DUMP
Address: HWY 123 NEAR 3649 CALHOUN MEM HWY
City,State,Zip: EASLEY, SC 29611-7026
EPA ID: SCS123456991

SECTION 2: DATABASES AND UPDATE DATES

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DATABASES FOUND IN THIS REPORT

SC HWS: Site Assessment Section Project List

Source: Department of Health and Environmental Control

Telephone: 803-898-0835

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/16/2022
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/2022
Date of Next Scheduled Update: 12/19/2022

FMR DRYCLEAN USA OF SC INC

1815 BYPASS 123 (5546 CALHOUN MEM HWY ?)
EASLEY, SC 29640

Inquiry Number:
November 21, 2022

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SECTION 1: FACILITY DETAIL REPORTS

FMR DRYCLEAN USA OF SC INC
1815 BYPASS 123 (5546 CALHOUN MEM HWY ?)
EASLEY, SC 29640
EDR ID #S107599658

Databases:

HWS: Site Assessment Section Project List

SHWS:

Name: FMR DRYCLEAN USA OF SC INC
Address: 1815 BYPASS 123 (5546 CALHOUN MEM HWY ?)
City,State,Zip: EASLEY, SC 29640
EPA ID: SCDRY0056262

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DATABASES FOUND IN THIS REPORT

SC HWS: Site Assessment Section Project List

Source: Department of Health and Environmental Control

Telephone: 803-898-0835

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/16/2022
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/2022
Date of Next Scheduled Update: 12/19/2022

GRACE CLEANERS

5119-D CALHOUN MEMORIAL HWY
EASLEY, SC 29640

Inquiry Number:
November 21, 2022

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SECTION 1: FACILITY DETAIL REPORTS

GRACE CLEANERS
5119-D CALHOUN MEMORIAL HWY
EASLEY, SC 29640
EDR ID #S107599681

Databases:

DRYCLEANERS: Drycleaner Database
HWS: Site Assessment Section Project List

Drycleaners:

Name: GRACE CLEANERS
Address: 5119-D CALHOUN MEMORIAL HWY
City,State,Zip: EASLEY, SC
BLWM Number: 57268
Rank: 3rd
Priority Group Explanation: 3rd

SHWS:

Name: GRACE CLEANERS
Address: 5119-D CALHOUN MEMORIAL HWY
City,State,Zip: EASLEY, SC 29640
EPA ID: SCDRY0057268

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DATABASES FOUND IN THIS REPORT

SC DRYCLEANERS: Drycleaner Database

Source: Department of Health & Environmental Control

Telephone: 803-898-3882

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

Date of Government Version: 01/01/2022

Database Release Frequency: Annually

Date of Last EDR Contact: 10/28/2022

Date of Next Scheduled Update: 02/06/2023

SC HWS: Site Assessment Section Project List

Source: Department of Health and Environmental Control

Telephone: 803-898-0835

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 06/16/2022

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/2022

Date of Next Scheduled Update: 12/19/2022

NORFOLK-SOUTHERN-CROSSWELL SITE
INTER OF N FISHTRAP & NORFOLK SOUTHERN
EASLEY, SC 29640

Inquiry Number:
November 21, 2022

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SECTION 1: FACILITY DETAIL REPORTS

NORFOLK-SOUTHERN-CROSSWELL SITE
INTER OF N FISHTRAP & NORFOLK SOUTHERN
EASLEY, SC 29640
EDR ID #S108953982

Databases:

HWS: Site Assessment Section Project List

SHWS:

Name: NORFOLK-SOUTHERN-CROSSWELL SITE
Address: INTER OF N FISHTRAP & NORFOLK SOUTHERN
City,State,Zip: EASLEY, SC 29640
EPA ID: SCS123456894

SECTION 2: DATABASES AND UPDATE DATES

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SC HWS: Site Assessment Section Project List

Source: Department of Health and Environmental Control

Telephone: 803-898-0835

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Date of Government Version: 06/16/2022
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/2022
Date of Next Scheduled Update: 12/19/2022

PLATT SACO LOWELL CORP.

HWY 123

EASLEY, SC 29640

Inquiry Number:

November 21, 2022

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SECTION 1: FACILITY DETAIL REPORTS

PLATT SACO LOWELL CORP.
HWY 123
EASLEY, SC 29640
EDR ID #1003868422

Databases:
SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS Archive:
Site ID: 0403318
EPA ID: SCD065053175
Name: PLATT SACO LOWELL CORP.
Address: HWY 123
Address 2: Not reported
City,State,Zip: EASLEY, SC 29640
Cong District: 03
FIPS Code: 45077
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 04
Site ID: 0403318
EPA ID: SCD065053175
Site Name: PLATT SACO LOWELL CORP.
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-12-31 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 04
Site ID: 0403318
EPA ID: SCD065053175
Site Name: PLATT SACO LOWELL CORP.
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1983-09-01 04:00:00
Finish Date: 1983-09-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 04
Site ID: 0403318
EPA ID: SCD065053175
Site Name: PLATT SACO LOWELL CORP.
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1985-04-24 06:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 04
Site ID: 0403318
EPA ID: SCD065053175
Site Name: PLATT SACO LOWELL CORP.
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1984-10-01 05:00:00
Qual: L
Current Action Lead: St Perf

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

SECTION 2: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

Source: EPA

Telephone: 800-424-9346

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/27/2022
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/01/2022
Date of Next Scheduled Update: 01/23/2023

FMR DRYCLEAN USA OF SC, INC

1815 BYPASS 123 (5546 CALHOUN MEM HWY ?)

EASLEY, SC

Inquiry Number:

November 21, 2022

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Section 1: Facility Detail Reports Page 3

All available detailed information from databases where sites are identified.

Section 2: Databases and Update Information. Page 4

Name, source, update dates, contact phone number and description of each of the databases for this report.

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SECTION 1: FACILITY DETAIL REPORTS

FMR DRYCLEAN USA OF SC, INC
1815 BYPASS 123 (5546 CALHOUN MEM HWY ?)
EASLEY, SC
EDR ID #S128636742

Databases:
DRYCLEANERS: Drycleaner Database

Drycleaners:
Name: FMR DRYCLEAN USA OF SC, INC
Address: 1815 BYPASS 123 (5546 CALHOUN MEM HWY ?)
City,State,Zip: EASLEY, SC
BLWM Number: 56262
Rank: N
Priority Group Explanation: N

SECTION 2: DATABASES AND UPDATE DATES

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DATABASES FOUND IN THIS REPORT

SC DRYCLEANERS: Drycleaner Database

Source: Department of Health & Environmental Control

Telephone: 803-898-3882

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

Date of Government Version: 01/01/2022
Database Release Frequency: Annually

Date of Last EDR Contact: 10/28/2022
Date of Next Scheduled Update: 02/06/2023



SAV A TON

3790 JOHN C CALHOUN MEMORIAL
EASLEY, SC

Inquiry Number:
November 3, 2022

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SECTION 1: FACILITY DETAIL REPORTS

SAV A TON
3790 JOHN C CALHOUN MEMORIAL
EASLEY, SC
EDR ID #U004017190

Databases:

FINANCIAL ASSURANCE 3: Financial Assurance Information Listing
UST: Comprehensive Underground Storage Tanks
LUST: Leaking Underground Storage Tank List

SC Financial Assurance 3:

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORIAL
City,State,Zip: EASLEY, SC 29640
Owner Name: NSS INC
Owner Address: 220 HEDGEWOOD TERRACE
Owner City St Zip: GREER SC 29650
Mechanism: Self Insurance 280.101
Date Expired: 10/2/2016
Bill: 0

UST:

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORIAL
City: EASLEY
Facility ID: 11650
Permit: P 11650
Owner: NSS INC
Owner Address: 220 HEDGEWOOD TERRACE
Owner City, st, zip: GREER SC 29650
Owner Phone: 864-238-5060

Tank ID: 1
Status: Abandoned
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORIAL
City: EASLEY

Tank ID: 2
Status: Abandoned
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORIAL
City: EASLEY

Tank ID: 3
Status: Abandoned
Capacity: 10000
Product: Gasoline RUL
Calcage: 0

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORIAL
City: EASLEY

Tank ID: 4
Status: Abandoned
Capacity: 10000
Product: Diesel fuel
Calcage: 0

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORIAL
City: EASLEY

Tank ID: 5
Status: Abandoned
Capacity: 4000
Product: Gasoline Super/Prem
Calcage: 0

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

LUST:

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORI
City,State,Zip: EASLEY, SC 29640
Release Number: 2
Facility ID: 11650
Release Status Number: Not reported
Substance: Not reported
Tank Owner Company Name: NSS INC
Tank Owner Last Name: NSS INC
Tank Owner First name: Not reported
NFA Date: 01/21/2003
Tank Owner City: GREER
Confirmed Date: 01/21/2003
Release Date: 12/03/2002
EID: 4416514
Local Facility District: Greenville EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: UST
Local Fac Last Name: SAV A TON
Local Fac First Name: Not reported
User Name: HIGHTOCW
Cleanup Initiated Date: 01/21/2003
Prefix: P
Total Score: Not reported

LUST:

Release Date: 10/20/2000
Cleanup Complete Date: 01/24/2001
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 10/20/2000
RP Name: ORPHAN CAMP OIL CO
RP Address: 5450 NW CENTRAL DR STE 125
RP City: HOUSTON
RP State: TX
RP Zip: 77092
SCRBCA Class Code: CLASS5B
Project Manager: WILLIAMS, CHARLES J
Release Fin Type Code: W25

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORI
City,State,Zip: EASLEY, SC 29640
Release Number: 1
Facility ID: 11650
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: NSS INC
Tank Owner Last Name: NSS INC
Tank Owner First name: Not reported
NFA Date: 02/27/2001
Tank Owner City: GREER
Confirmed Date: 01/21/2003
Release Date: 10/20/2000
EID: 4416514
Local Facility District: Greenville EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: UST
Local Fac Last Name: SAV A TON
Local Fac First Name: Not reported
User Name: WILLIACJ
Cleanup Initiated Date: 10/20/2000
Prefix: P
Total Score: 1

LUST:

Release Date: 10/20/2000
Cleanup Complete Date: 01/24/2001
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 10/20/2000
RP Name: ORPHAN CAMP OIL CO
RP Address: 5450 NW CENTRAL DR STE 125
RP City: HOUSTON
RP State: TX
RP Zip: 77092
SCRBCA Class Code: CLASS5B
Project Manager: WILLIAMS, CHARLES J

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Release Fin Type Code: W25

Name: SAV A TON
Address: 3790 JOHN C CALHOUN MEMORI
City,State,Zip: EASLEY, SC 29640
Release Number: 3
Facility ID: 11650
Release Status Number: Not reported
Substance: PETROL
Tank Owner Company Name: NSS INC
Tank Owner Last Name: NSS INC
Tank Owner First name: Not reported
NFA Date: 08/20/2018
Tank Owner City: GREER
Confirmed Date: 01/21/2003
Release Date: 09/16/2016
EID: 4416514
Local Facility District: Greenville EQC Office
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: UST
Local Fac Last Name: SAV A TON
Local Fac First Name: Not reported
User Name: MENDENJE
Cleanup Initiated Date: 11/04/2016
Prefix: P
Total Score: 1

LUST:

Release Date: 10/20/2000
Cleanup Complete Date: 01/24/2001
Depth to Ground Water: Not reported
Ground Water Flow Direction: Not reported
Release Number: 1
Confirmed date: 10/20/2000
RP Name: ORPHAN CAMP OIL CO
RP Address: 5450 NW CENTRAL DR STE 125
RP City: HOUSTON
RP State: TX
RP Zip: 77092
SCRBCA Class Code: CLASS5B
Project Manager: WILLIAMS, CHARLES J
Release Fin Type Code: W25

SECTION 2: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

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DATABASES FOUND IN THIS REPORT

SC FINANCIAL ASSURANCE: Financial Assurance Information Listing

Source: Department of Health & Environmental Control
Telephone: 803-896-4067

Financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/22/2022
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/2022
Date of Next Scheduled Update: 12/19/2022

SC FINANCIAL ASSURANCE 3: Financial Assurance Information Listing

Source: Department of Health & Environmental Control
Telephone: 803-898-3880
UST financial assurance information.

Date of Government Version: 01/07/2022
Database Release Frequency: Varies

Date of Last EDR Contact: 09/28/2022
Date of Next Scheduled Update: 01/16/2023

SC UST: Comprehensive Underground Storage Tanks

Source: Department of Health and Environmental Control
Telephone: 803-896-7957

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/07/2022
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/28/2022
Date of Next Scheduled Update: 01/16/2023

SC LUST: Leaking Underground Storage Tank List

Source: Department of Health and Environmental Control
Telephone: 803-898-4350

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/27/2022
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/11/2022
Date of Next Scheduled Update: 01/30/2023



TIRES INC

RT 11 NEW EASLEY HWY
GREENVILLE, SC

Inquiry Number:
November 3, 2022

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SECTION 1: FACILITY DETAIL REPORTS

TIRES INC
RT 11 NEW EASLEY HWY
GREENVILLE, SC
EDR ID #U003525964

Databases:

UST: Comprehensive Underground Storage Tanks
LUST: Leaking Underground Storage Tank List

UST:

Name: TIRES INC
Address: RT 11 NEW EASLEY HWY
City: GREENVILLE
Facility ID: 03942
Permit: N 03942
Owner: TIRES INC
Owner Address: RT 11 NEW EASLEY HWY
Owner City, st, zip: GREENVILLE SC 29611-9804
Owner Phone: Not reported

Tank ID: 1
Status: Abandoned
Capacity: 1000
Product: Gasoline
Calcage: 15

LUST:

Name: TIRES INC
Address: RT 11 NEW EASLEY HWY
City,State,Zip: GREENVILLE, SC 29611-9804
Release Number: 1
Facility ID: 03942
Release Status Number: Not reported
Substance: PETRO
Tank Owner Company Name: TIRES INC
Tank Owner Last Name: Not reported
Tank Owner First name: Not reported
NFA Date: 07/19/1995
Tank Owner City: Not reported
Confirmed Date: Not reported
Release Date: 12/31/1991
EID: Not reported
Local Facility District: Not reported
SCRBCA Class Number: Not reported
Release Fin Type Code: Not reported
Qualified: Not reported
Release Source: Not reported
Local Fac Last Name: Not reported
Local Fac First Name: Not reported
User Name: MCKENNBS
Cleanup Initiated Date: 12/31/1991
Prefix: Not reported
Total Score: Not reported

SECTION 2: DATABASES AND UPDATE DATES

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DATABASES FOUND IN THIS REPORT

SC UST: Comprehensive Underground Storage Tanks

Source: Department of Health and Environmental Control

Telephone: 803-896-7957

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/07/2022

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/28/2022

Date of Next Scheduled Update: 01/16/2023

SC LUST: Leaking Underground Storage Tank List

Source: Department of Health and Environmental Control

Telephone: 803-898-4350

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/27/2022

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/11/2022

Date of Next Scheduled Update: 01/30/2023

GREG PORTERS BODY SHOP
3630 CALHOUN MEMORIAL HWY
GREENVILLE, SC 29611

Inquiry Number:
November 10, 2022

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SECTION 1: FACILITY DETAIL REPORTS

GREG PORTERS BODY SHOP
3630 CALHOUN MEMORIAL HWY
GREENVILLE, SC 29611
EDR ID #1001489882

Databases:

FINDS: Facility Index System/Facility Registry System
ECHO: Enforcement & Compliance History Information
RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

FINDS:

Registry ID: 110002195142
Name: GREG PORTERS BODY SHOP
Address: 3630 CALHOUN MEMORIAL HWY
City,State,Zip: GREENVILLE, SC 29611

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

SC-EFIS (South Carolina - Environmental Facility Information System) integrates information on environmental facilities, permits, violations, enforcement actions, and compliance activities needed to support regulatory requirements and target environmental quality improvements for the water, air, solid waste, and hazardous waste program areas. The EFIS was developed by the state of South Carolina and Maine joined their system in 2004.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Supplemental Address: Not reported
FIPS Code: 45045
Country Name: UNITED STATES
Federal Facility: Not reported
Federal Agency: Not reported
Tribal Land: Not reported
Tribal Name: Not reported
Congressional District: 03
Census: 450770106024041
Hydrologic Unit Code: 03050109
EPA Region: 04
Site Type: STATIONARY
Location Description: Not reported
Date Created: 01-MAR-00
Date Updated: 09-AUG-10
U.S-Mexico Border: Not reported
Information System Abbreviated Name: Not reported
Latitude: 34.8315
Longitude: -82.49223
Conveyor: FRS-GEOCODE
Horizontal Collection: ADDRESS MATCHING-HOUSE NUMBER
Horizontal Accuracy: 30
Reference Point: CENTER OF A FACILITY OR STATION
Horizontal Datum: NAD83
Coordinates Source: Not reported

Organization:

Registry ID: 110002195142
Program System Name: RCRAINFO
Program System ID: SCD987573474
Env. Interest Type: UNSPECIFIED UNIVERSE
Contact Type: OWNER
Start Date: Not reported
End Date: Not reported
Organization Name: GREG PORTER
Organization Type: PRIVATE
Duns Number: Not reported
Division Name: Not reported
Phone Number: 864-269-8431
Alternate Phone Number: Not reported
Fax Number: Not reported
Email: Not reported
EIN: Not reported
State Business ID: Not reported
Parent Name: Not reported
Standard Parent Name: Not reported
Parent Duns Number: Not reported
Mailing Address: 3630 CALHOUN MEMORIAL HWY
Supplemental Address: Not reported
City: GREENVILLE

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

State: Not reported
Zip: 29611
Country: USA

Alternate Name:
Registry ID: 110002195142
Information System Abbreviated Name: RCRAINFO
Program System ID: SCD987573474
Alternative Name: GREG PORTER'S BODY SHOP
Alternative Name Type: PRIMARY

Registry ID: 110002195142
Information System Abbreviated Name: SC-EFIS
Program System ID: SC0000010913
Alternative Name: GREG PORTER'S BODY SHOP
Alternative Name Type: PRIMARY

Contact:
Registry ID: 110002195142
Program System Name: RCRAINFO
Program System ID: SCD987573474
Env. Interest Type: UNSPECIFIED UNIVERSE
Contact Type: REGULATORY CONTACT
Start Date: Not reported
End Date: Not reported
Contact Name: GREG PORTER
Contact Title: Not reported
Contact Telephone: 864-269-8431
Contact Alternate Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Mailing Address: 3630 CALHOUN MEMORIAL HWY
Supplemental Address: Not reported
Mailing City: GREENVILLE
Mailing State Code: SC
Mailing State: Not reported
Mailing Zip: 29611
Mailing Country: USA

Interest:
Registry ID: 110002195142
Program System Name: RCRAINFO
Program System ID: SCD987573474
Env. Interest Type: UNSPECIFIED UNIVERSE
Federal ST Code: FEDERAL
Start Date: 16-JUL-99
Start Date Qualifier: FIRST NOTIFICATION DATE
End Date: Not reported
End Date Qualifier: Not reported
Data Source: RCRAINFO
Last Reported: Not reported
Date Created: 14-OCT-20
Date Updated: Not reported
Active Status: Y

Registry ID: 110002195142
Program System Name: SC-EFIS
Program System ID: SC0000010913
Env. Interest Type: STATE MASTER
Federal ST Code: STATE
Start Date: Not reported
Start Date Qualifier: Not reported
End Date: Not reported
End Date Qualifier: Not reported
Data Source: SC-EFIS
Last Reported: Not reported
Date Created: 13-MAR-01
Date Updated: 13-MAR-01
Active Status: Not reported

Mailing Information:
Registry ID: 110002195142
Program System Name: RCRAINFO
Program System ID: SCD987573474
Supplemental Interest: UNSPECIFIED UNIVERSE
Contact Type: FACILITY MAILING ADDRESS
Start Date: Not reported
End Date: Not reported
Mailing Address: 3630 CALHOUN MEMORIAL HWY
Supplemental Address: Not reported
Contact City: GREENVILLE
Contact State Code: SC
Contact State: Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Contact Zip: 29611
Contact Country: USA

Registry ID: 110002195142
Program System Name: SC-EFIS
Program System ID: SC0000010913
Supplemental Interest: STATE MASTER
Contact Type: MAILING ADDRESS
Start Date: Not reported
End Date: Not reported
Mailing Address: 3630 CALHOUN MEMORIAL HWY
Supplemental Address: Not reported
Contact City: GREENVILLE
Contact State Code: SC
Contact State: Not reported
Contact Zip: 29611
Contact Country: USA

Program:
Legislative District Number: Not reported
HUC Code 8: Not reported
HUC Code 12: Not reported
Data Quality Code: V
Std Name: GREG PORTER S BODY SHOP
Std House Number: 3630
Std Street Name: CALHOUN MEMORIAL HWY
Std Base Name: CALHOUN MEMORIAL
Std Prefix: Not reported
Std Suffix: Not reported
Std Stype Before: Not reported
Std Stype After: HWY
Std Postal Code: 29611
Std City Name: GREENVILLE
Std County Name: PICKENS COUNTY
Std State Code: SC
Std County FIPS: 45077
Std Country: US
Std Full Address: 3630 CALHOUN MEMORIAL HWY, GREENVILLE, SC 29611 US
Address Type: Not reported
Link Method: NAME ADDRESS
Location Description: Not reported
User ID: REFRESH
Sensitive Ind: N
User Comment: Not reported
Public Ind: Y
Date Refresh: 10-MAR-04
Small Bus Ind: Not reported
Env Justice Code: Not reported
Parent Program System ID: Not reported
Stand Alone Flag: Not reported

Legislative District Number: Not reported
HUC Code 8: Not reported
HUC Code 12: Not reported
Data Quality Code: V
Std Name: GREG PORTERS BODY SHOP
Std House Number: 3630
Std Street Name: CALHOUN MEMORIAL HWY
Std Base Name: CALHOUN MEMORIAL
Std Prefix: Not reported
Std Suffix: Not reported
Std Stype Before: Not reported
Std Stype After: HWY
Std Postal Code: 29611
Std City Name: GREENVILLE
Std County Name: PICKENS COUNTY
Std State Code: SC
Std County FIPS: 45077
Std Country: US
Std Full Address: 3630 CALHOUN MEMORIAL HWY, GREENVILLE, SC 29611 US
Address Type: Not reported
Link Method: NAME ADDRESS
Location Description: Not reported
User ID: REFRESH
Sensitive Ind: N
User Comment: Not reported
Public Ind: Y
Date Refresh: 09-AUG-10
Small Bus Ind: Not reported
Env Justice Code: Not reported
Parent Program System ID: Not reported
Stand Alone Flag: Not reported

Supplemental Interest:

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Interest Type: STATE MASTER
Suppint: HAZARDOUS WASTE PROGRAM
Start Date: 13-AUG-00
Start Date Qualifier: Not reported
End Date: Not reported
End Date Qualifier: Not reported
Data Source: SC-EFIS
Last Reported Date: Not reported
Created Date: 15-MAR-04
Updated Date: Not reported

ECHO:

Envid: 1001489882
Registry ID: 110002195142
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002195142>
Name: GREG PORTERS BODY SHOP
Address: 3630 CALHOUN MEMORIAL HWY
City,State,Zip: GREENVILLE, SC 29611

RCRA Listings:

Date Form Received by Agency: 19990716
Handler Name: GREG PORTERS BODY SHOP
Handler Address: 3630 CALHOUN MEMORIAL HWY
Handler City,State,Zip: GREENVILLE, SC 29611
EPA ID: SCD987573474
Contact Name: GREG PORTER
Contact Address: 3630 CALHOUN MEMORIAL HWY
Contact City,State,Zip: GREENVILLE, SC 29611
Contact Telephone: 864-269-8431
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 04
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: SC
State District: A2
Mailing Address: CALHOUN MEMORIAL HWY
Mailing City,State,Zip: GREENVILLE, SC 29611
Owner Name: GREG PORTER
Owner Type: Private
Operator Name: Not reported
Operator Type: Not reported
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No
Universal Waste Indicator: No
Universal Waste Destination Facility: No
Federal Universal Waste: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
Active Site State-Reg Handler: ---
Federal Facility Indicator: Not reported
Hazardous Secondary Material Indicator: NN
Sub-Part K Indicator: Not reported
Commercial TSD Indicator: No
Treatment Storage and Disposal Type: Not reported
2018 GPRA Permit Baseline: Not on the Baseline
2018 GPRA Renewals Baseline: Not on the Baseline
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Not reported
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
202 GPRA Corrective Action Baseline: No
Corrective Action Workload Universe: No
Subject to Corrective Action Universe: No
Non-TSDFs Where RCRA CA has Been Imposed Universe: No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GREG PORTER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3630 CALHOUN MEMORIAL HWY
Owner/Operator City,State,Zip:	GREENVILLE, SC 29611
Owner/Operator Telephone:	864-269-8431
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990716
Handler Name:	GREG PORTERS BODY SHOP
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	SC
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
--------------	----------------------

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

SECTION 1: FACILITY DETAIL REPORTS

...Continued...

Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19990715
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	SCSGT
Evaluation Responsible Sub-Organization:	A2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SECTION 2: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

FINDS: Facility Index System/Facility Registry System

Source: EPA

Telephone: Not reported

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/25/2022
Date of Next Scheduled Update: 12/12/2022

ECHO: Enforcement & Compliance History Information

Source: Environmental Protection Agency

Telephone: 202-564-2280

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/25/2022
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/30/2022
Date of Next Scheduled Update: 01/16/2023

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Source: Environmental Protection Agency

Telephone: 703-308-8895

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/19/2022
Date of Next Scheduled Update: 01/02/2023



SC 123 over Georges Creek

SC 123

Easley, SC 29640

Inquiry Number: 7167663.8

November 02, 2022

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

11/02/22

Site Name:

SC 123 over Georges Creek
SC 123
Easley, SC 29640
EDR Inquiry # 7167663.8

Client Name:

F&ME Consultants
3112 Devine Street
Columbia, SC 29205
Contact: Rodney Wingard



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Flight Date: March 01, 1999	USGS
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: March 27, 1989	USGS
1981	1"=500'	Flight Date: March 09, 1981	USDA
1978	1"=500'	Flight Date: March 22, 1978	USDA
1976	1"=500'	Flight Date: January 30, 1976	USGS
1964	1"=500'	Flight Date: October 13, 1964	USGS
1955	1"=500'	Flight Date: April 16, 1955	USDA
1951	1"=500'	Flight Date: February 14, 1951	USDA
1947	1"=500'	Flight Date: February 11, 1947	USGS
1943	1"=500'	Flight Date: April 13, 1943	USDA

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INQUIRY #: 7167663.8

YEAR: 2017

— = 500'



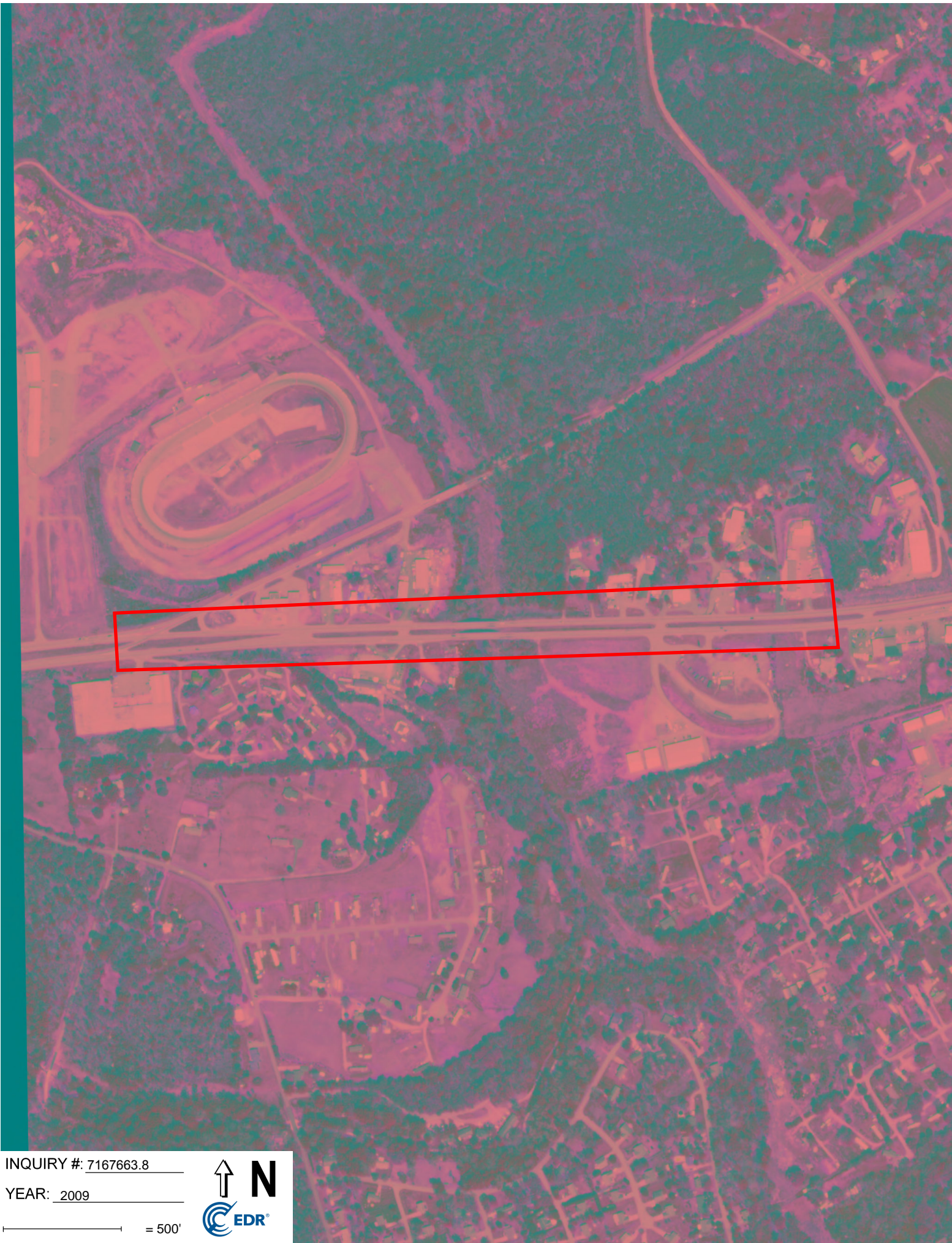


INQUIRY #: 7167663.8

YEAR: 2013

— = 500'





INQUIRY #: 7167663.8

YEAR: 2009

— = 500'



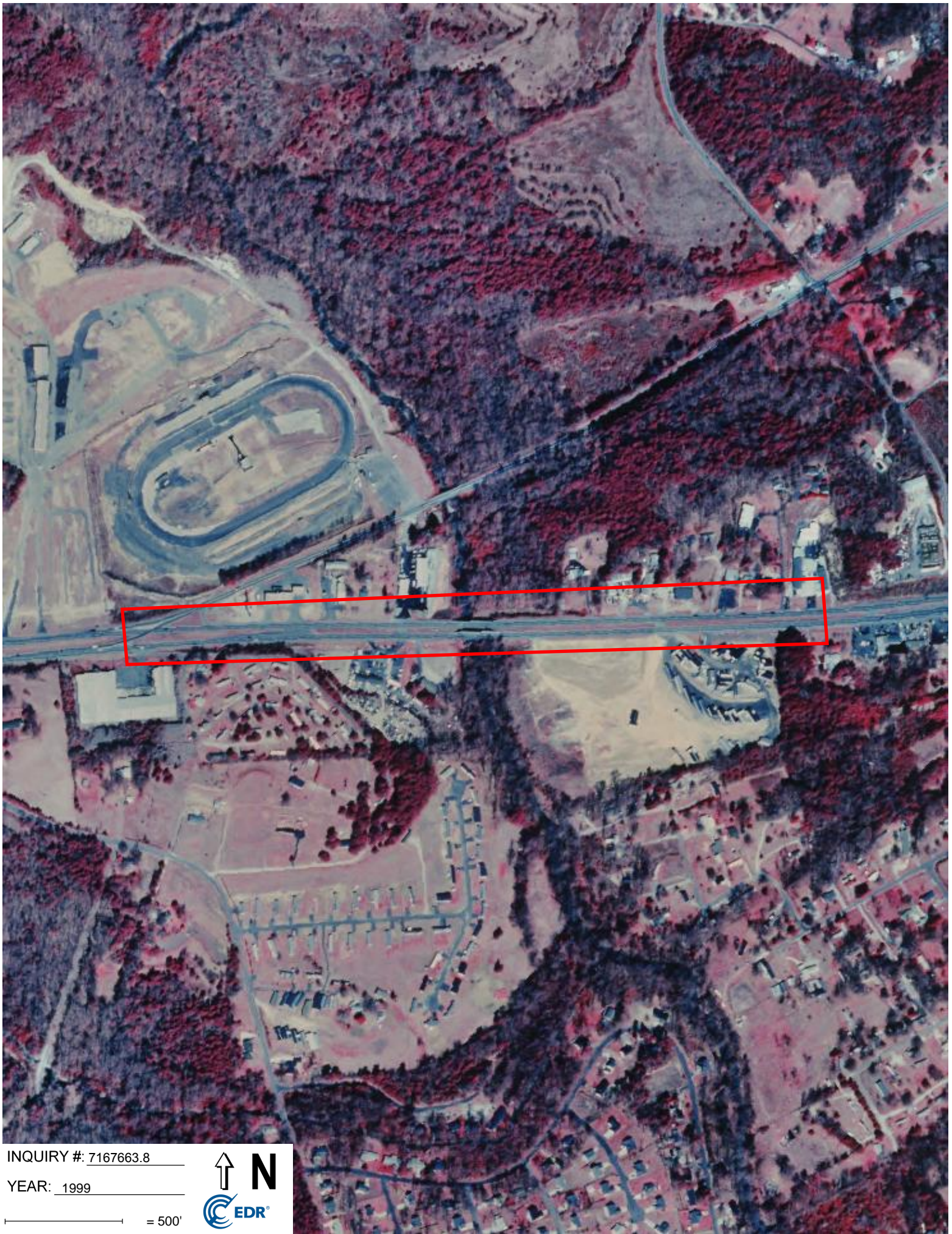


INQUIRY #: 7167663.8

YEAR: 2006

— = 500'





INQUIRY #: 7167663.8

YEAR: 1999

— = 500'





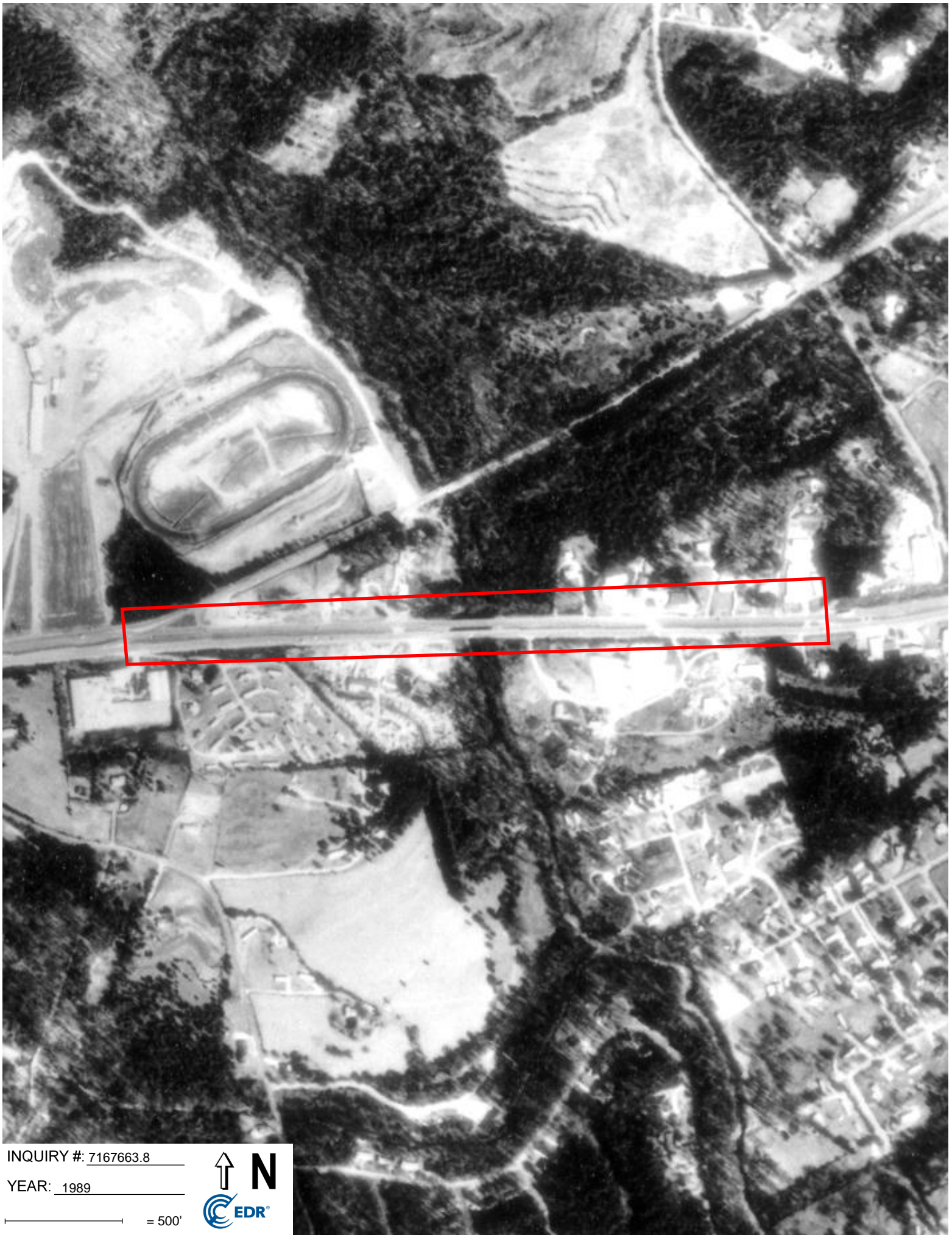
INQUIRY #: 7167663.8

YEAR: 1994

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 7167663.8

YEAR: 1989

— = 500'





INQUIRY #: 7167663.8

YEAR: 1981

— = 500'



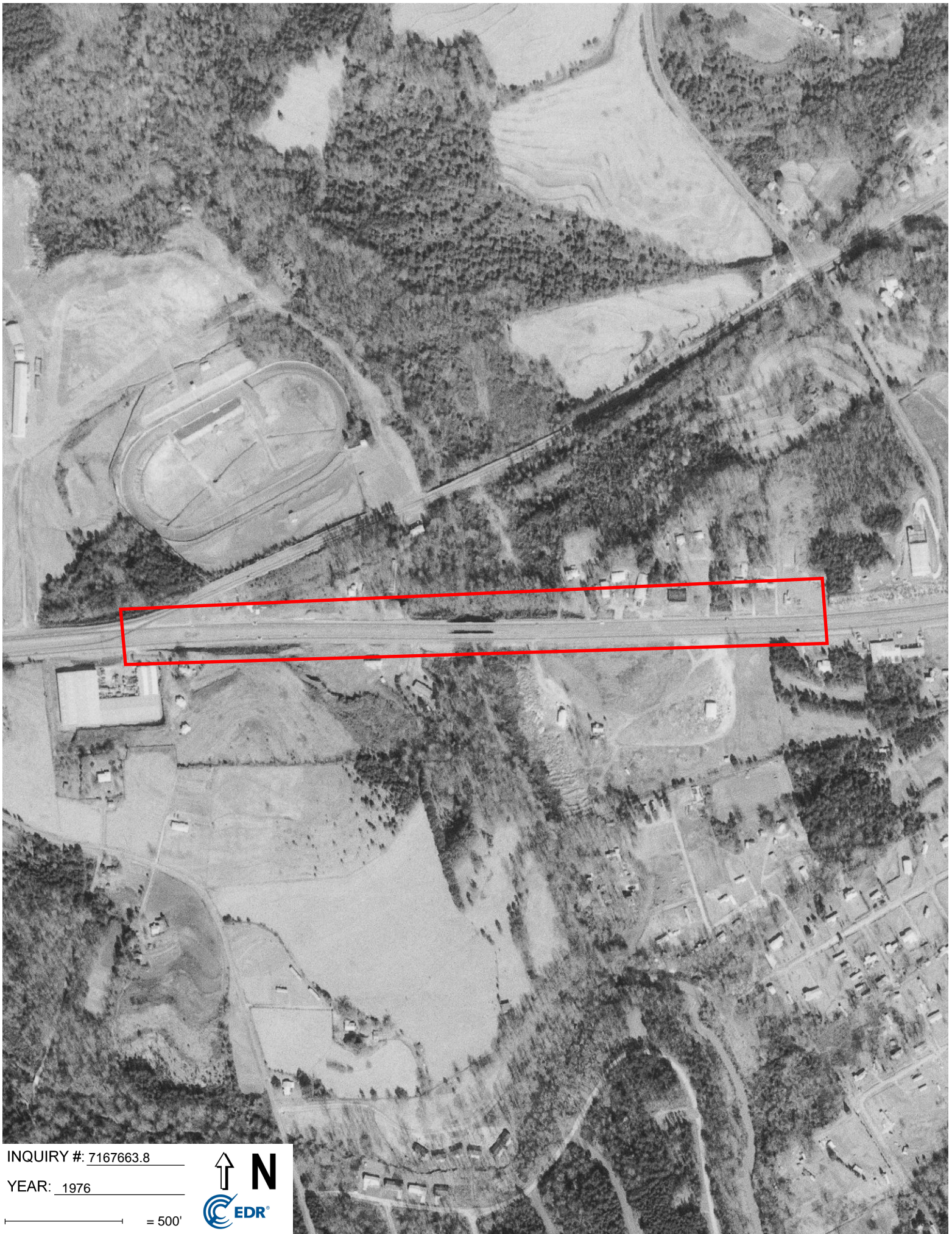


INQUIRY #: 7167663.8

YEAR: 1978

— = 500'





INQUIRY #: 7167663.8

YEAR: 1976

— = 500'



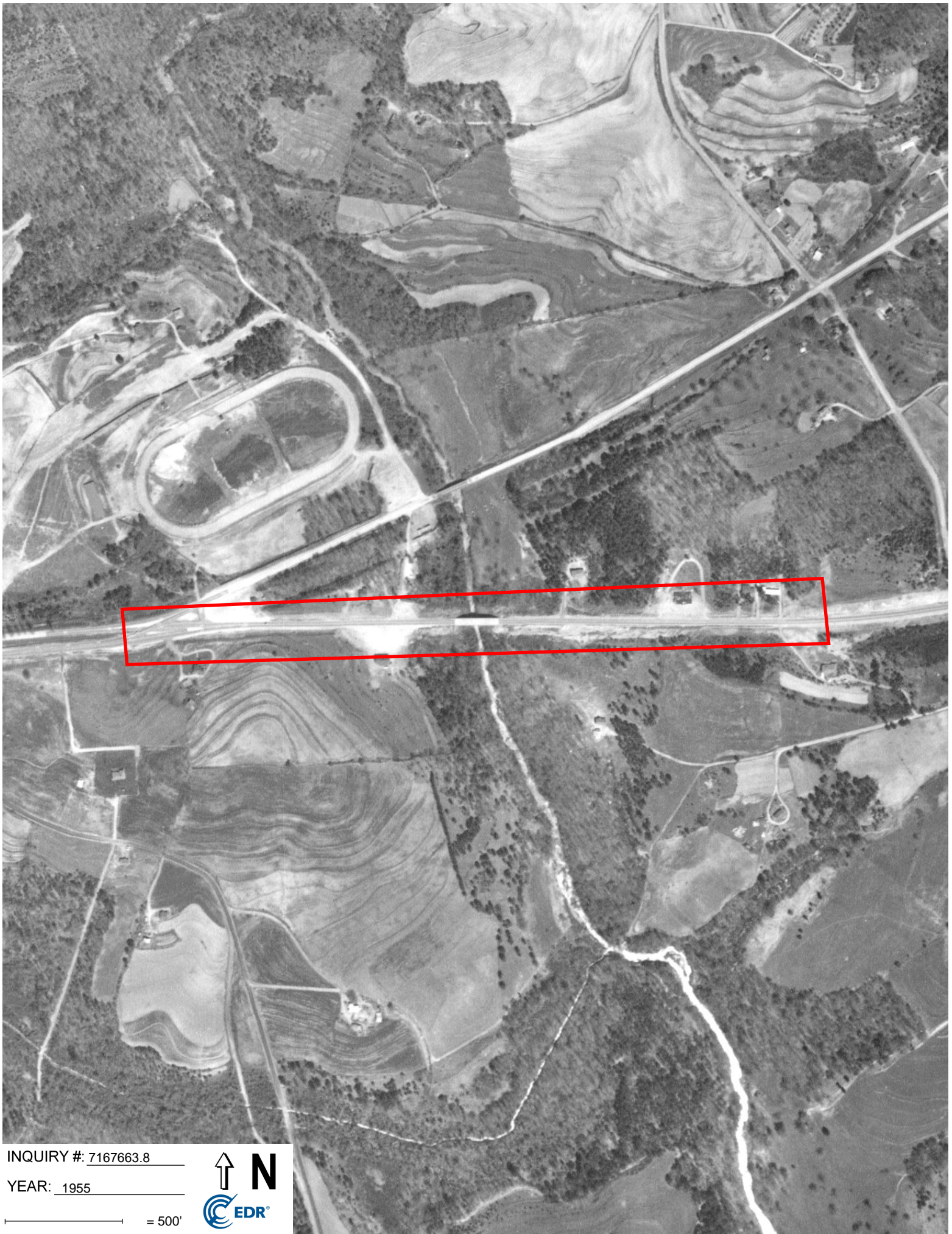


INQUIRY #: 7167663.8

YEAR: 1964

— = 500'



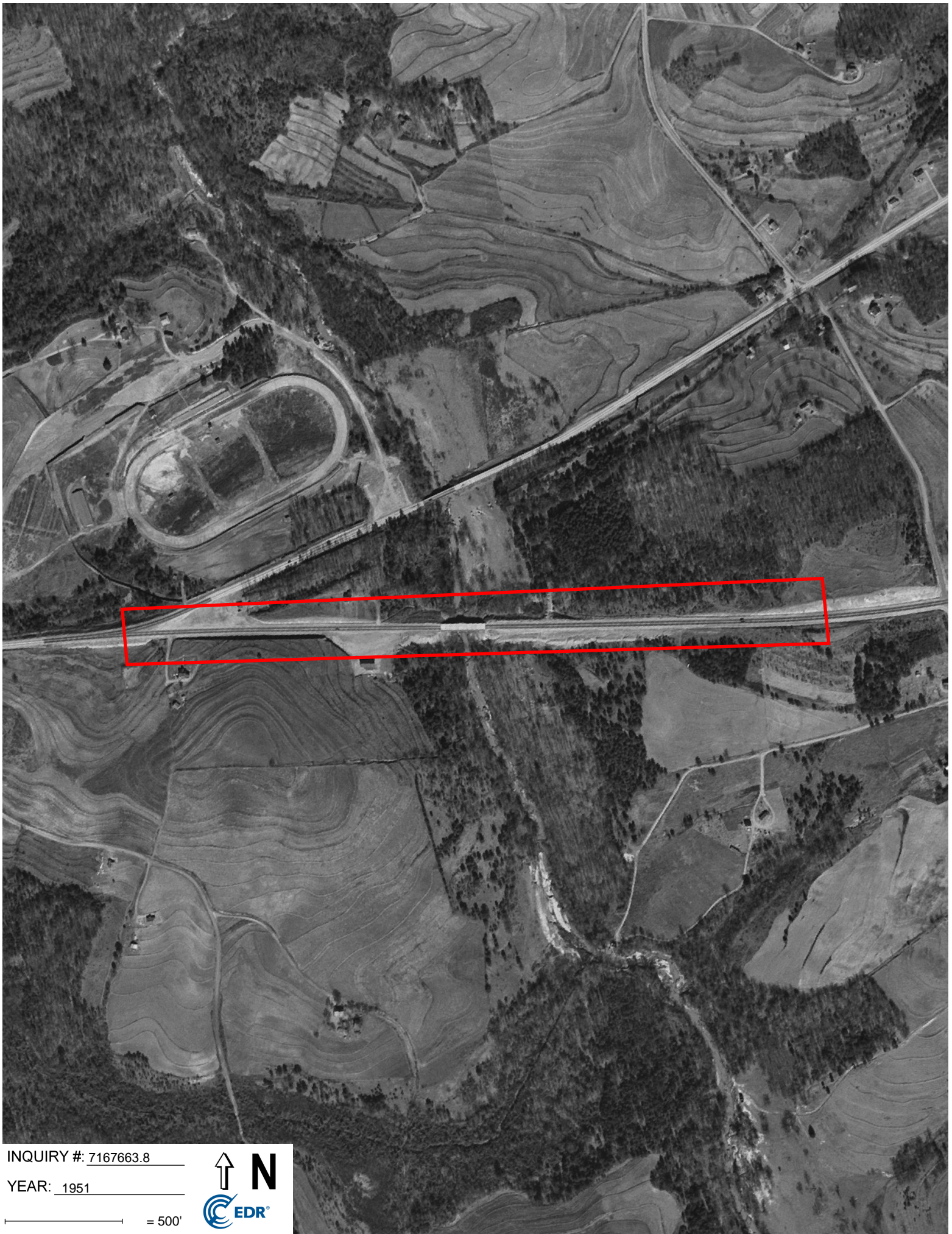


INQUIRY #: 7167663.8

YEAR: 1955

— = 500'





INQUIRY #: 7167663.8

YEAR: 1951

— = 500'



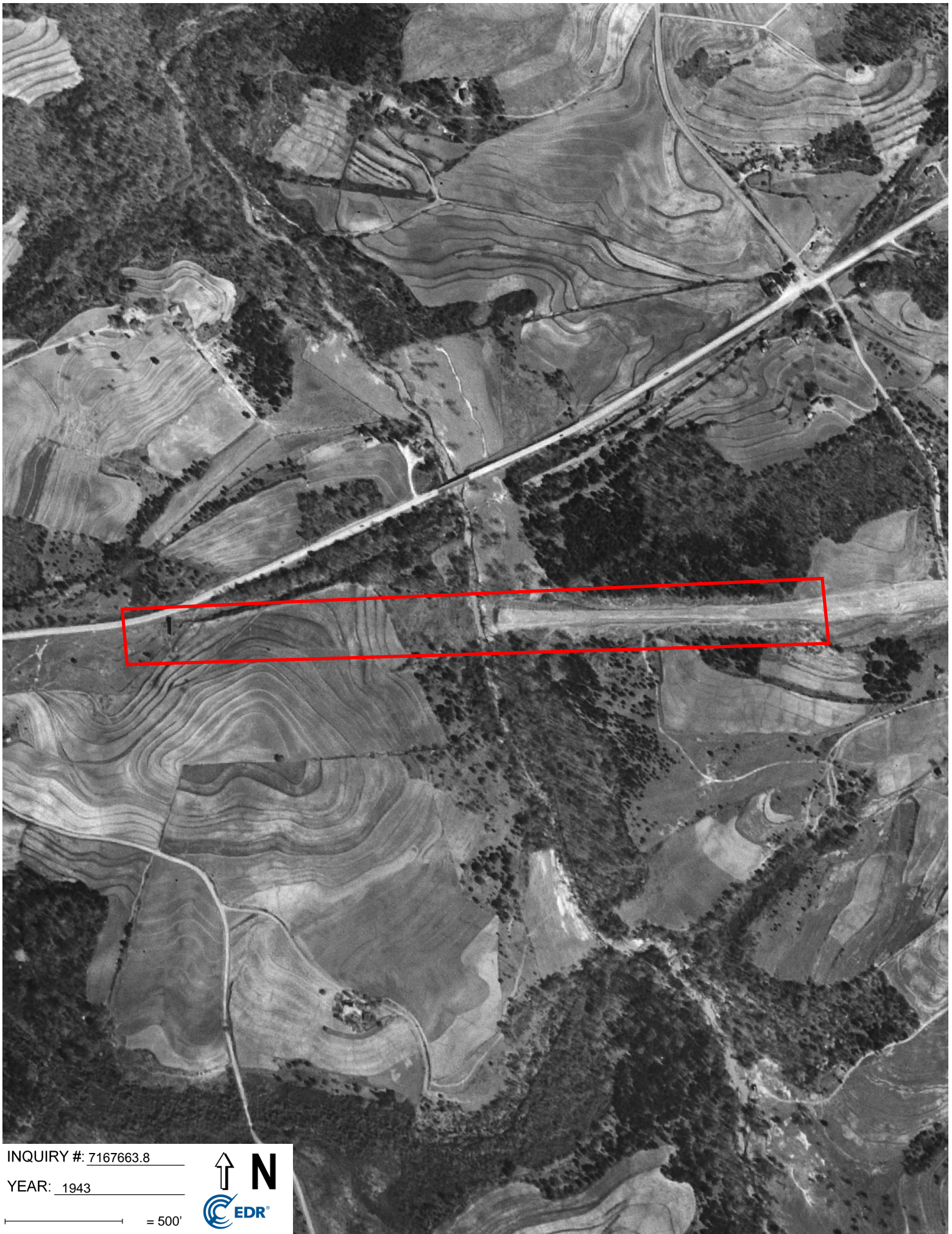


INQUIRY #: 7167663.8

YEAR: 1947

— = 500'





INQUIRY #: 7167663.8

YEAR: 1943

— = 500'



SC 123 over Georges Creek

SC 123

Easley, SC 29640

Inquiry Number: 7167663.5

November 07, 2022

The EDR-City Directory Image Report

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City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1987	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1982	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1977	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1972	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1968	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory

FINDINGS

TARGET PROPERTY STREET

SC 123
Easley, SC 29640

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

CALHOUN MEMORIAL HWY

2017	pg A2	EDR Digital Archive
2014	pg A4	EDR Digital Archive
2010	pg A6	EDR Digital Archive
2005	pg A8	EDR Digital Archive
2000	pg A10	EDR Digital Archive
1995	pg A12	EDR Digital Archive
1992	pg A14	EDR Digital Archive

CALHOUN MEMORIAL HWY (SC 123)

1987	-	Polk's City Directory	Target and Adjoining not listed in Source
1982	-	Polk's City Directory	Target and Adjoining not listed in Source
1977	-	Hill's City Directory	Target and Adjoining not listed in Source
1972	-	Hill's City Directory	Target and Adjoining not listed in Source
1968	-	Hill's City Directory	Target and Adjoining not listed in Source
1964	-	Hill's City Directory	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

CALHOUN MEMORIAL HWY 2017

3505 GEORGE LEWIS AUTO SALES
 3506 RAXTER, LEROY K
 3513 STONE, MICHAEL J
 3518 BOONE, PAUL R
 3600 DYER LEROY & SONS SIGNS
 3601 AVANI CORP
 3629 OBRIEN, CLIFF N
 3649 AMERICAS BEST HOUSING CENTER
 3652 SCHAUB, CLAUDETTE
 3656 PORTER, MANDI
 3670 ALLTECH AUTO REPAIR
 3671 81 AUTOMOTIVE
 3676 TOLLEY, JAMES E
 3718 THREE RS TRIM SHOP
 3725 MEK IMPORTS
 3729 BLUE CORAL STONeworks
 3733 HERTZ
 HERTZ CAR RENTAL
 3800 GREENVILLE PICKENS SPEEDWAY
 UPPER SOUTH CAROLINA STATE FAIR
 3801 CDT INC
 EASLEY MOBILE HOME SUPPLY LLC
 LIQUIDATORS R US
 3910 HOT SPOT
 3912 PROGRESSIVE INVESTMENT CONCEPTS INC
 4020 ENTERPRISE RENTACAR
 4028 BUDGET TRUCK RENTAL
 CONTRACT SERVICES
 UHAUL
 4036 UPSTATE TIRES
 4037 CONSTANCE, JAMES R
 4038 C & C BARGAIN VARIETY STORE
 4043 AAAUTUMN MOON PORTABLE STORAGE
 CRESCENT BUILDERS
 TRUCK FARM OF EASLEY
 UHAUL
 4044 BEST HOME CARE SERVICE LLC
 J & J APPLIANCE LLC
 NEW LIFE FOURSQUARE CHURCH
 4104 MONTYS AUTO PARTS
 4124 AMERICAN TRANSMISSIONS
 4134 123 EAST COAST INK
 4141 NALLEY CHUCK GRADING
 4145 TIRES ON DEMAND
 4148 HOBBY CONNECTION
 4162 BALDWIN AUTOMOTIVE
 4200 HOUSTONS AUTO SERVICE
 4220 FECHT, BETTY
 4225 BLUE RIDGE PAWN
 4237 SUN INN

CALHOUN MEMORIAL HWY 2017 (Cont'd)

4259	SCRUGGS MOBILE HOME MOVING & SALES
4260	MILTONS AUTO SERVICE INC
4262	PADILLA, EDUARDO M
4296	TRUCK FARM OF EASLEY
4314	123BUILDING
4400	RAINBOW MOTEL

CALHOUN MEMORIAL HWY 2014

3464 MORGAN, JAMES
 3505 LEWIS GEORGE AUTO SALES
 SHOCKLEYS AUTOMOTIVE
 3506 RAXTER, LEROY K
 3511 HANEY, MITCHELL
 3513 STONE, MICHAEL J
 3518 BOONE, PAUL R
 3600 DYER LEROY & SONS SIGNS
 3601 AVANI CORP
 3617 TALLANT, KENNETH L
 3629 OBRIEN, CLIFF N
 OCCUPANT UNKNOWN,
 3630 GREG PORTERS BODY SHOP
 3649 AMERICAS BEST HOUSING CENTER
 3652 HIOTT, CRYSTAL
 3656 PORTER, MANDI
 3670 ALLTECH AUTO REPAIR INC
 3671 81 AUTOMOTIVE
 3676 TOLLEY, JAMES E
 3718 THREE RS TRIM SHOP
 3720 SHOWCASE LAWN MAINTENANCE & LANDSC
 3729 BLUE CORAL STONeworks
 3733 HERTZ
 3784 MACS AUTO GLASS
 3790 SAV A TON NSS INC
 3800 GREENVILLE PICKENS SPEEDWAY
 UPPER S C STATE FAIR
 3801 ADVANCED PRODUCTS OF SC INC
 CDT INC
 EASLEY MOBILE HOME SUPPLY LLC
 TOP LEVEL MANAGEMENT SERVICES INC
 3908 HOT SPOT
 4028 BUDGET TRUCK RENTAL
 CONTRACT SERVICES
 4036 UHAUL
 UPSTATE USED TIRES
 4037 CONSTANCE, JAMES R
 4043 AMERICAS STORAGE SOLUTION
 TRUCK FARM OF EASLEY
 4044 NEW LIFE FOURSQUARE CHURCH
 4104 MONTYS AUTO PARTS
 4116 OCCUPANT UNKNOWN,
 4120 OCCUPANT UNKNOWN,
 4124 AMERICAN TRANSMISSIONS
 4134 123 EAST COAST INK
 4141 NALLEY CHUCK GRADING
 4145 TIRES ON DEMAND
 4148 HOBBY CONNECTION THE
 4162 JRS CARS
 4200 HOUSTONS AUTO SCV

CALHOUN MEMORIAL HWY 2014 (Cont'd)

4200	HOUSTONS AUTO SERVICE
4203	RAMSEY, CHARLIE H
4207	HERNANDEZ, ROSA
4220	FECHT, BETTY
4225	BLUE RIDGE PAWN
4233	GREENTOND PLANTS
4237	SUN INN
4259	SCRUGGS MOBILE HOME MOVING & SALES
4260	MILTONS AUTO SERVICE INC
4262	PADILLA, EDUARDO M
4296	TRUCK FARM OF EASLEY
	TRUCK FARM OF EASLEY THE
4366	PORTERS AUTO & RV SALES
4400	RAINBOW MOTEL

CALHOUN MEMORIAL HWY 2010

3403 HANEY, BILLY R
 3464 MORGAN, JAMES
 3469 HOLSENBACK, MIKE
 3505 GEORGE LEWIS AUTO SALES
 HITECH RACING
 SHOCKLEYS AUTOMOTIVE
 3506 RAXTER, KEN L
 3511 HANEY, MITCHELL
 3513 STONE, MICHAEL J
 3518 BOONE, PAUL R
 3601 123 QMART
 SCIENTIFIC GAMES
 3617 TALLANT, KENNETH L
 3629 OBRIEN, CLIFFORD N
 3630 GREG PORTERS BODY SHOP
 3642 HOLCOMBE, MILDRED T
 3649 AMERICAS BEST HOUSING CTR
 PAL PROPERTIES CTR
 3656 PORTER, MANDI
 3670 ALLTECH AUTO REPAIR INC
 3671 81 AUTOMOTIVE
 81 MACHINE SHOP
 3676 TOLLEY, JAMES E
 3718 THREE RS TRIM SHOP
 3784 MACS AUTO & GLASS
 3790 SAV A TON NSS INC
 3800 B & M BUILDERS
 DIAS, ROSE
 GREENVILLE PICKENS SPEEDWAY
 PRESS BOX
 3801 EASLEY MOBILE HOME SUPPLY
 TOP LEVEL MANAGEMENT SVC INC
 3910 HOT SPOT
 4020 ENTERPRISE RENTACAR
 4028 C & R SALES
 CONTRACT SERVICES
 4036 UPSTATE TIRES
 4037 WYATT, JOHN
 4038 AUNTIE DEBS HUGS & KISSES
 SOUTH CLICK CLOTHING
 4040 UNIQUE STYLES
 4044 NEW LIFE FOURSQUARE CHURCH
 4104 MONTYS AUTO PARTS
 4120 JORDAN, HOYT P
 4124 AMERICAN TRANSMISSION
 4134 123EAST COAST INK
 4141 CHUCK NALLEY GRADING
 4142 STORAGE CONNECTION
 4145 TIRE MAX
 4146 WINSLETT, THIBAUT P

CALHOUN MEMORIAL HWY 2010 (Cont'd)

4148 HOBBY CONNECTION
WE DO SVC CO
4200 HOUSTONS AUTO SVC
4203 RAMSEY, CHARLIE H
4207 HERNANDEZ, ROSA
4215 JACKSON & PERKINS
4220 HASSOLD, CHARLES
4225 FLORAL CELEBRATIONS
LOPEZ, MAURICIO A
4237 SUN INN
4259 EDDIES MOBILE HOME TRANSPORT
SCRUGGS MOBILE HOME MOVING
SCRUGGS WRECKER & TOWING SVC
4260 MILTONS AUTO SVC INC
4262 PADILLA, EDUARDO M
4271 M & M WRECKER SVC
4314 PORTERS RV SALES
4400 RAINBOW MOTEL

CALHOUN MEMORIAL HWY 2005

3403	CUSTOMS STREET MACHINES STREET MACHINES SUPER CAR CARE
3469	HOLSENBACK, MIKE
3505	HI TECH RACING INC LEW, GEORGE W LEWIS GEORGE AUTO SALES MILLENIUM RACING CHASSIS HI TECH
3506	RAXTER, KEN L
3513	STONE, MICHAEL J
3518	BOONE, PAUL
3558	JR A E MELTON
3601	U HAUL CO
3608	DOBSON WOOD PRODUCTS
3629	OBRIEN, CLIFF N
3630	PORTERS GREG BODY SHOP
3642	HOLCOMBE, MILDRED T
3656	PEREZ, JUAN J
3670	G & G AUTO CARE
3671	81 AUTOMOTIVE 81 MACHINE SHOP
3676	TOLLEY, JAMES E
3717	GARRISON AUTO SALES
3718	TOBY PORTER RACING
3728	IMPORT SPECIALTIES
3784	MAC S AUTO AND GLASS
3790	SAV A TON NSS INC
3800	BLUE RIDGE STONWORKS DIAS, ROSE
3801	LIQUIDATORS R US
3912	TIM HELTON AUTO SALES INC
4028	CONTRACT SERVICES INC
4036	UPSTATE USED TIRES
4040	ESPECIALLY FOR YOU FLORIST
4044	CINDYS STYLINSALON JIMS SATELLITES PARK MANUFACTURING CO INC ROSSI, KAREN
4104	MONTYS OF GREENVILLE INC MONTYS USED AUTO PARTS
4120	JORDAN, HOYT P
4124	GRAY ENTERPRISES INC
4134	SECOND CHANCE AUTO SALES
4141	NALLEY CHUCK GRADING
4145	BILLS TIRES OF GREENVILLE
4146	WINSLETT, THIBAUT P
4148	WE DO SERVICE CENTER
4162	G & D STORAGE
4203	RAMSEY, CHARLIE H
4207	HERNANDEZ, ROSA

CALHOUN MEMORIAL HWY 2005 (Cont'd)

4215 HAPPY PLANTS INC
HAPPY PLANTS INC WHOLESALE DIVISION
4220 HOLT, SHARLENE
4225 C & C INVESTMENTS OG GREENVILLE INC
CHALLENGE MORTGAGE
FLORAL CELEBRATIONS
4237 SUN INN
4259 SCRUGGS MBL HM SLS & MVG SERVICE
SCRUGGS TOWING SERVICE
SCRUGGS WRECKER SERVICE
4260 MILTONS AUTO SERVICE INC
4262 PADILLA, EDUARDO M
4296 TRUCK FARM OF EASLEY
4314 PORTERS RV SALES
4366 TROTTER, SAM
4400 RAINBOW MOTEL

CALHOUN MEMORIAL HWY 2000

3505 HI-TECH RACING
 LEWIS GEORGE AUTO SALES
 SHOCKLEYS AUTOMOTIVE
 STEVES CLEAN UP SHOP
 3507 HANEYS BODY SHOP
 3513 STONE, LINDA C
 3558 MELTONS MOWERS GOLF CARS & SMALL ENGINE REPAIRS
 3600 DYER LEROY & SONS SIGNS
 3601 TRAVELERS GAS 2
 3608 DOBSON WOOD PRODUCTS INCORPORATED
 3611 MASTERS, MARVIN
 3629 BEESON, EVELYN C
 OBRIEN, CLIFF
 3630 PORTERS GREG BODY SHOP
 3640 COLEMAN, G P
 3642 HOLCOMBE, MILDRED T
 3648 ATHLETIC CONNECTION HEALTH & FITNESS
 3656 PEREZ, JUAN
 3676 TOLLEY, JAMES
 3717 BOWERS, BRENDA E
 UNIQUE TREASURES & CONSIGNMENT SHOP
 3720 PORTER TOBY RACING
 3725 MASTERS USED CARS & MOTORCYCLES
 3790 SAV-A-TON OIL INCORPORATED
 3910 JORDAN HOT SPOT
 4036 FUTURE SIGNS
 4040 GIBSON, GENEVA
 4044 BEEPERS FOR LESS
 NEW LIFE FOURSQUARE CHURCH
 PARK MANUFACTURING CO
 4104 MONTYS USED AUTO PARTS
 4120 JORDAN, HOYT P
 4145 BILLS TIRES OF GREENVILLE
 4146 WINSLETT-THIBAU, PAIGE
 4148 HOBBY CONNECTION THE
 VINSON, DAVID W
 WOODCRAFT CONNECTION THE
 4162 U HAUL COMPANY
 4200 DAY TIRE & ALIGNMENT SERVICE
 4225 HILLTOP ANTIQUES & COLLECTIBLES
 QUALITY FLOORS
 WILMAS ANTIQUES
 4233 MUSIC SCENE THE
 4237 SUN INN
 4259 SCRUGGS MOBILE HOME MOVING & SALES
 SCRUGGS, STANLEY
 4260 MILTONS AUTO SERVICE
 4271 M & M WRECKER SERVICE
 4283 BARBARAS STYLING SALON
 4291 AUTO TEAM

CALHOUN MEMORIAL HWY 2000 (Cont'd)

4304	BAKERS CAR MARKET INCORPORATED PORTERS AUTO SALES
4320	FOUR SEASONS HOMES INCORPORATED
4366	HUGHEY, C B
4400	PATEL, RAMESH

CALHOUN MEMORIAL HWY 1995

2503 MASTERS AUTO PARTS & USED CARS
 3403 HANEY, M
 HANEYS BODY SHOP
 3505 GEORGE LEWIS AUTO SALES
 SHOCKLEYS AUTOMOTIVE
 VOLKSWORKS & SPECIALTIES
 3506 RAXTER, KEN
 3508 GREG PORTERS BODY SHOP
 MASTERS, LISA
 3518 NIGHTINGALE, CHARLES J
 3558 GREEN, ZACHARY M
 3600 LEROY DYER & SON SIGNS
 3601 MISTER DS
 3611 MASTERS, MARVIN L
 3613 A & A AUTO PARTS
 OCCUPANT UNKNOWNN
 3629 OBRIEN, CLIFF
 3640 JACKSON, LOLA
 3642 HOLCOMBE, CLYDE L
 3648 ATHLETIC CONNECTION HEALTH
 3652 FLOURY, REGINA
 3668 GREENVILLE FORMI TOP CO
 3676 TOLLEY, JAMES
 3677 GAMMONS, G S
 3728 GAMBRELL, ERNEST
 3784 MC CARSON AUTOMOTIVE
 3790 SAV A TON OIL INC
 3801 FFY TEXTILE SUPPLY CO PLANT
 MARSHALL & WILLIAMS CO
 3908 AKERS, ROBERT L
 PARADIS, LILI
 3910 JORDAN HOT SPOT
 3912 HAYNIES USED CARS
 4020 FUN WHEELS & GO CARTS
 4028 KLEIN, ROBERT
 4036 COREY'S AUTOMOTIVE
 4039 DILLARD, ROBERT
 4040 REX, DARLENE
 4044 EASLEY CYCLE CONNECTION
 PARK MANUFACTURING CO
 R & R ELECTRONICS
 SATELLITE TV OF GREENVILLE
 4103 THUNDERBOLT TRAILER SALES
 4104 MONTYS USED AUTO PARTS
 MONTYS USED CARS
 4124 AMERICAN TRANSMISSION
 AMERICAN TRANSMISSON
 4134 DURHAM CURT RACING EQUIPMENT
 4143 LYLE, RENA
 4145 ESPECIALLY FOR YOU FISH FLWR

CALHOUN MEMORIAL HWY 1995 (Cont'd)

4148	WOODCRAFT CONNECTION
4200	DAY TIRE & ALIGNMENT SVC
4203	RAMSEY, HOSEA
4207	OCCUPANT UNKNOWNN
4215	HAPPY PLANTS INC
4220	SPEARMAN, FLOYD M
4225	BLACKS HEATING COOLING & ELEC
4237	PATEL, PRITI
	STAR MOTEL
4262	WILSON, VIOLA
4271	M & M USED CARS
	QUALITY FLOOR SANDING
	SUPERIOR CUSTOM CABINETS
4275	BILLINGSLEY, JAMES R
4279	HOGAN, MARVIN
4283	A SPECIAL TOUCH SALON
4291	BILLS TIRES
4296	OCCUPANT UNKNOWNN
4366	HUGHEY, C B
4400	RAINBOW MOTEL

CALHOUN MEMORIAL HWY 1992

3505	WHITE TIRES
3509	STEVENS, LAURIE
3601	DYER LEROY & SON SIGNS MISTER D'S CONVNC STR
3676	TOLLEY, JAMES
3790	SAV-A-TON OIL INC
3801	I P A SOUTHERN TEXTL MACHINERY
3910	JORDAN HOT SPOT
3912	M & M USED CARS
4028	L & L GRADING
4044	PARK MFG CO SATELLITE TV OF GREENVILLE
4104	MONTY'S USED CARS
4124	AMERICAN TRANSMISSION
4134	DURHAM CURT RACING EQUIPMENT
4145	ESPECIALLY FOR YOU FLORIST ESPECIALLY FOR YOU TROPICAL FISH
4200	DAY TIRE & ALIGNMENT SERVICE
4203	RAMSEY, HOSEA
4207	BYRD, J B
4220	SPEARMAN, FLOYD M
4225	BLACK'S HEATING COOLING & ELECTRL
4262	WILSON, JACK
4275	BILLINGSLEY, JAMES R
4296	RAY, SAM
4366	HUGHEY, C B
4544	SOUTHERNER RESTAURANT



Site Information For P-18796 JALARAM 2 INC

Basic

Business Address

3601 CALHOUN MEMORIAL HWY
GREENVILLE SC 29611

County

PICKENS

Phone

864-220-5440

Category

Retail Sales

Last Inspection

3/22/2022

Tank Owner Business Address

PATEL, ANKITA
105 LONGWOOD LN
EASLEY SC 29642-7884

Tank Owner Phone

813-376-1071

Land Owner Business Address

DYER, LEROY
3600 CALHOUN MEMORIAL HWY
GREENVILLE SC 29611-3041

Land Owner Phone

864-269-4826

Operator Business Address

JALARAM 2 INC
3601 CALHOUN MEMORIAL HWY
GREENVILLE SC 29611

Operator Phone

864-220-5440

Tanks

1

Billable

1

Abandoned

0

Other

0

Financial Responsibility

Show/hide financials

Tanks

Show/hide tanks

Tank Num.

1

Constr. Date

1/28/2003

Class

P

Tank Const.

Steel Clad

Pipe Const.

Flex piping in all its forms

Operat. Date

3/27/2003

Status

Currently in Use

Tank Protect.

Fiberglass Coating

Tested

Pipe Protect.

Flexible

Tested

Notify

1/27/2003

Capacity

15000

Tank Cont. Meth.

Single wall

Pipe Cont. Meth.

Double wall

Variance

Product

Multiple petroleum

Overfill type

Ball Float Vent Valve

Verified

12/30/2020

Piping type

Pressure

Compliance

3/22/2022

Comp. Status

In Compliance

Age at Notification

0

Dist. to Well (feet)

101

Spill Prevention

4/25/2006

Left Gal.

Owner at ABD

Last Use

Aband.

Method

CAS No.

Chem.

Under Dispenser Cont.

False

Drop Tube

True

Tank Leak Det.

Automatic tank gauge
6/11/2012
Automatic tank gauge
6/11/2012

Pipe Leak Det.

Mechanical Line Leak Detector
3/21/2022
Line Tightness Test
3/21/2022
Mechanical Line Leak Detector
3/21/2022
Line Tightness Test
3/21/2022

Releases

Show/hide releases

No releases found for this site.

SC 123 over Georges Creek

SC 123

Easley, SC 29640

Inquiry Number: 7167663.3

November 02, 2022

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/02/22

Site Name:

SC 123 over Georges Creek
SC 123
Easley, SC 29640
EDR Inquiry # 7167663.3

Client Name:

F&ME Consultants
3112 Devine Street
Columbia, SC 29205
Contact: Rodney Wingard



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Certified Sanborn Results:

Certification # 5A18-4F8D-B845
PO # NA
Project G6657.002

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 5A18-4F8D-B845

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- University Publications of America
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SC 123 over Georges Creek

SC 123

Easley, SC 29640

Inquiry Number: 7167663.4

November 02, 2022

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

11/02/22

Site Name:

SC 123 over Georges Creek
SC 123
Easley, SC 29640
EDR Inquiry # 7167663.4

Client Name:

F&ME Consultants
3112 Devine Street
Columbia, SC 29205
Contact: Rodney Wingard



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Search Results:**Coordinates:**

P.O.#	NA	Latitude:	34.83136 34° 49' 53" North
Project:	G6657.002	Longitude:	-82.49692 -82° 29' 49" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	363118.46
		UTM Y Meters:	3855363.22
		Elevation:	827.10' above sea level

Maps Provided:

2020	1894
2017	1888
2014	
1983	
1976	
1957	
1938	
1935	

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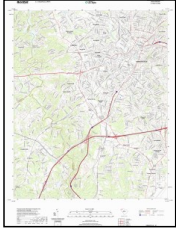
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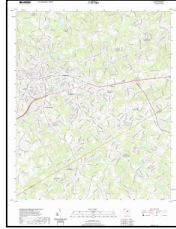
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2020 Source Sheets



Greenville
2020
7.5-minute, 24000

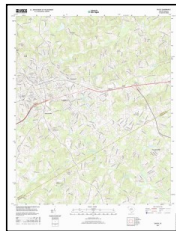


Easley
2020
7.5-minute, 24000

2017 Source Sheets

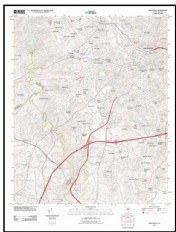


Greenville
2017
7.5-minute, 24000



Easley
2017
7.5-minute, 24000

2014 Source Sheets



Greenville
2014
7.5-minute, 24000



Easley
2014
7.5-minute, 24000

1983 Source Sheets



Greenville
1983
7.5-minute, 24000
Aerial Photo Revised 1976



Easley
1983
7.5-minute, 24000
Aerial Photo Revised 1976

Topo Sheet Key

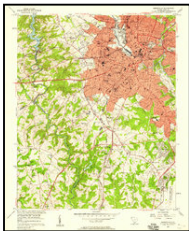
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1976 Source Sheets



Greenville
1976
7.5-minute, 24000
Aerial Photo Revised 1976

1957 Source Sheets



Greenville
1957
7.5-minute, 24000
Aerial Photo Revised 1956

1938 Source Sheets



Greenville
1938
15-minute, 62500

1935 Source Sheets

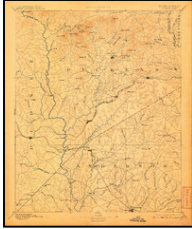


Greenville
1935
15-minute, 48000

Topo Sheet Key

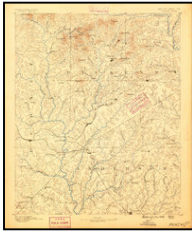
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1894 Source Sheets

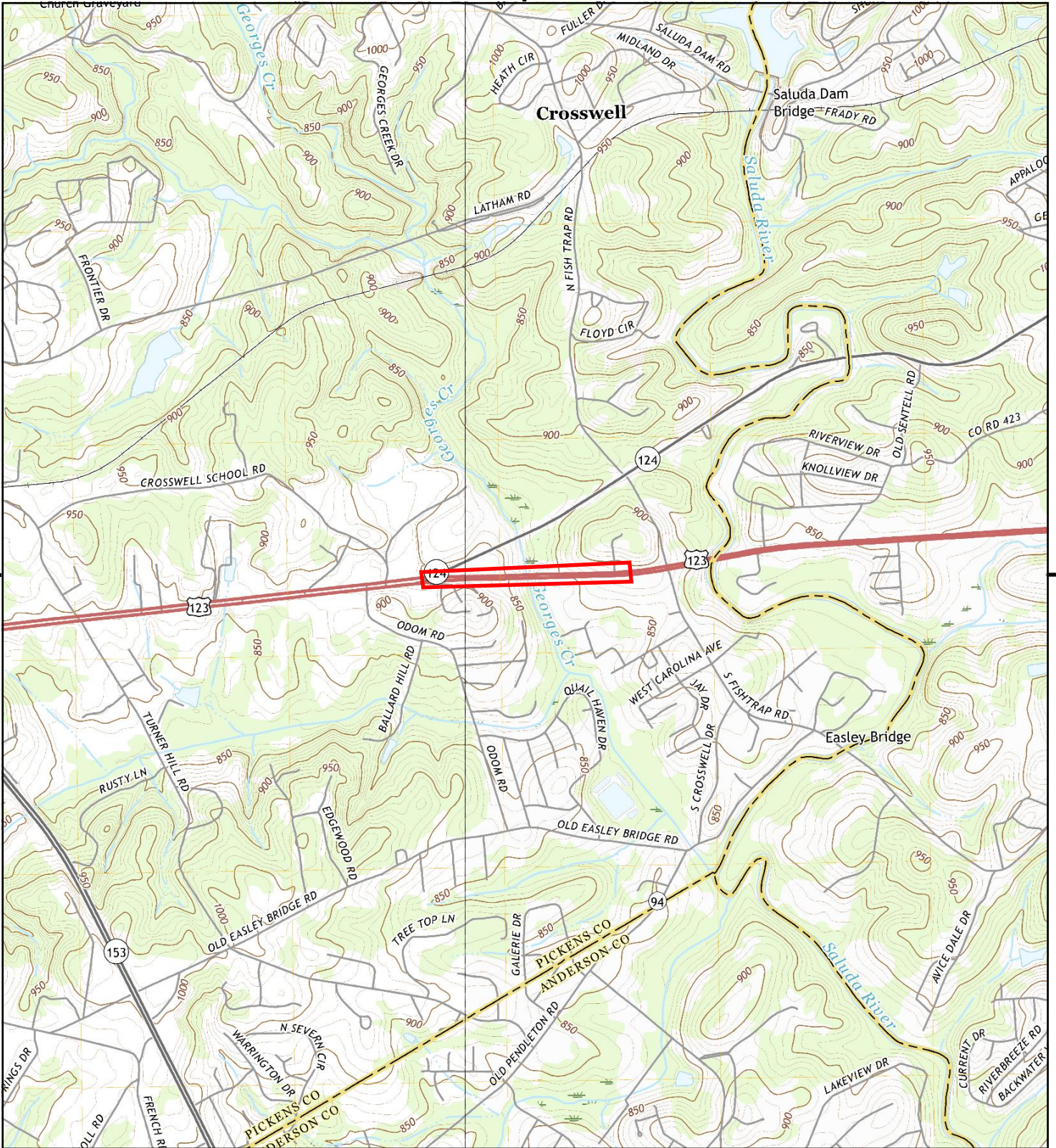


Pickens
1894
30-minute, 125000

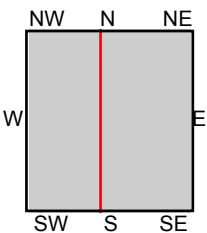
1888 Source Sheets



Pickens
1888
30-minute, 125000



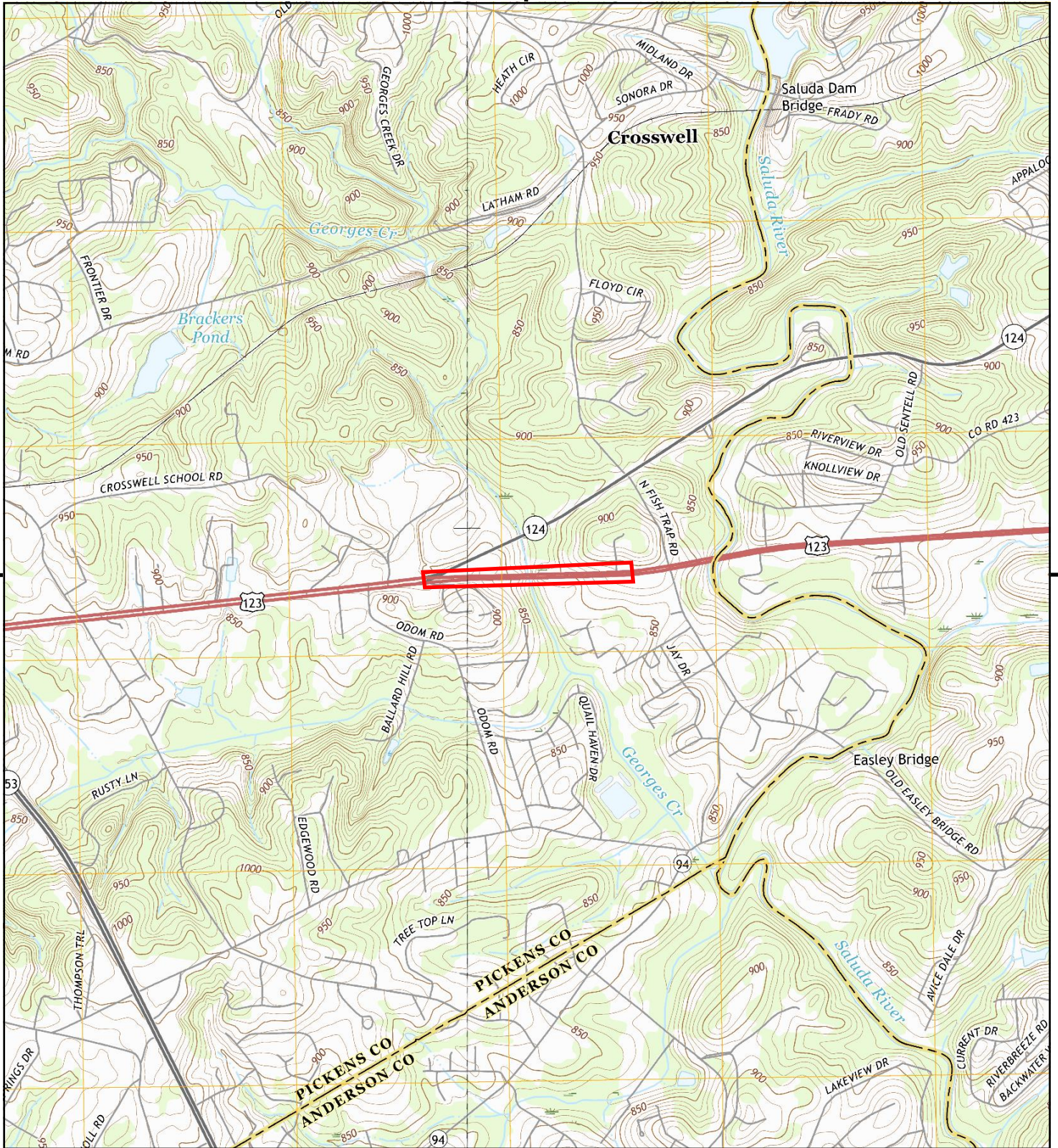
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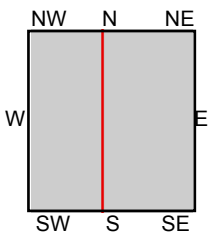
TP, Greenville, 2020, 7.5-minute
 W, Easley, 2020, 7.5-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
 Easley, SC 29640
CLIENT: F&ME Consultants





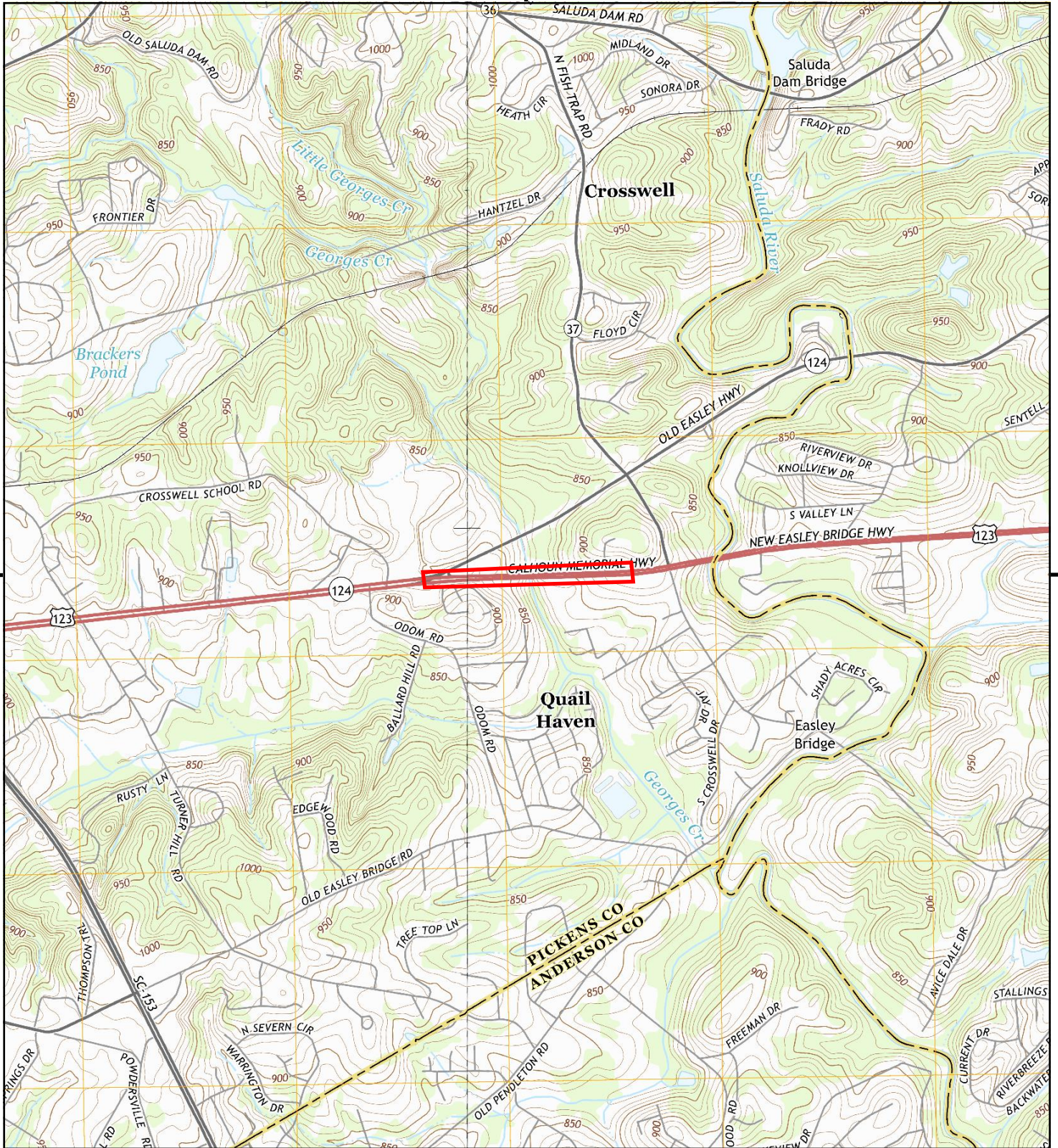
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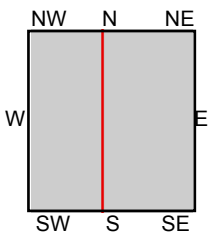
TP, Greenville, 2017, 7.5-minute
W, Easley, 2017, 7.5-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
Easley, SC 29640
CLIENT: F&ME Consultants





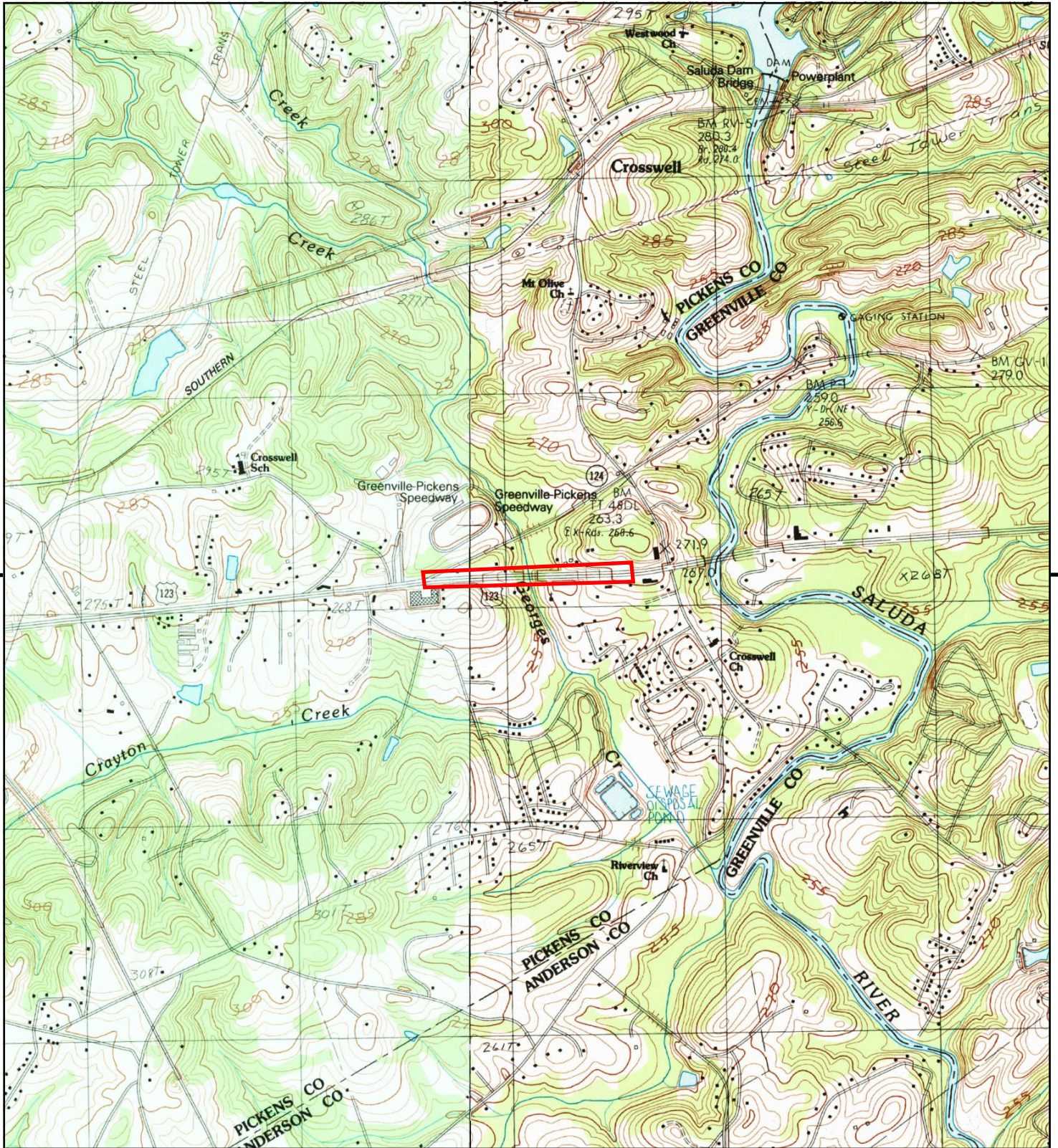
This report includes information from the following map sheet(s).



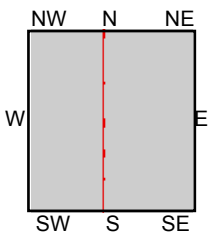
TP, Greenville, 2014, 7.5-minute
 W, Easley, 2014, 7.5-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
 Easley, SC 29640
CLIENT: F&ME Consultants





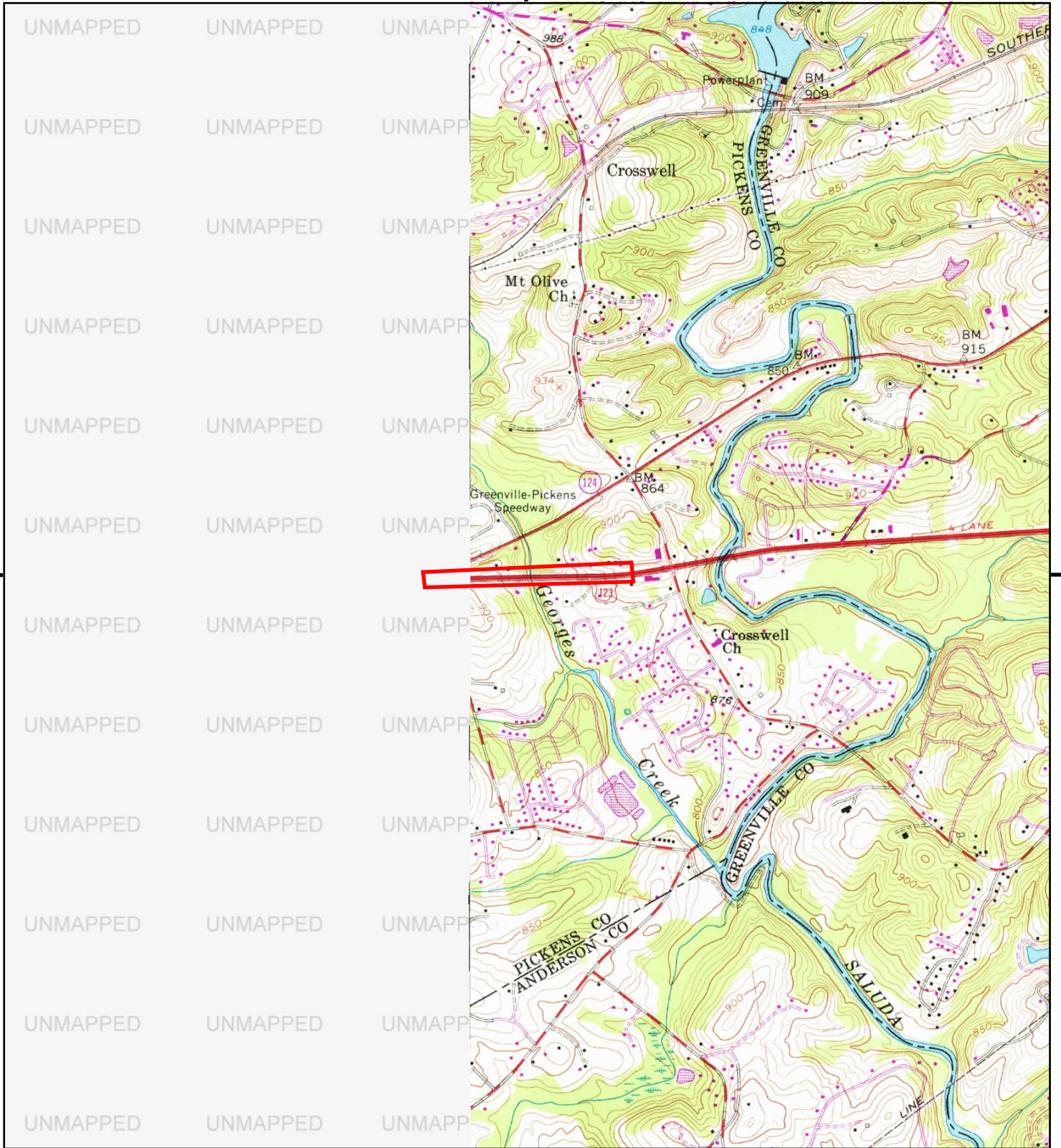
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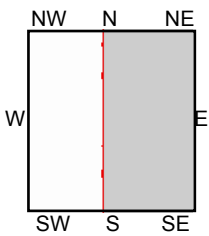
TP, Greenville, 1983, 7.5-minute
W, Easley, 1983, 7.5-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
Easley, SC 29640
CLIENT: F&ME Consultants





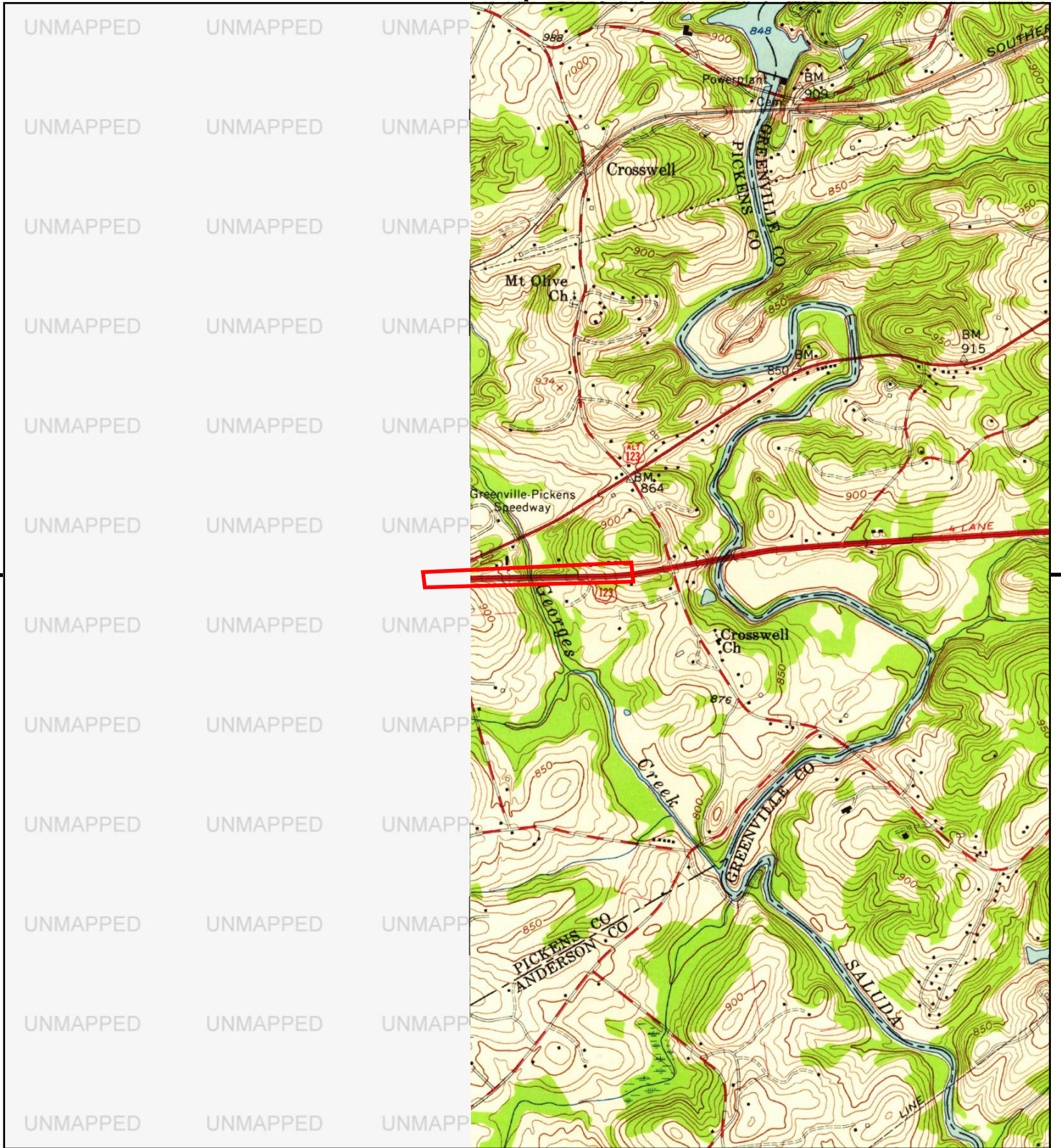
This report includes information from the following map sheet(s).



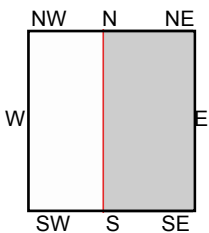
TP, Greenville, 1976, 7.5-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
 Easley, SC 29640
CLIENT: F&ME Consultants





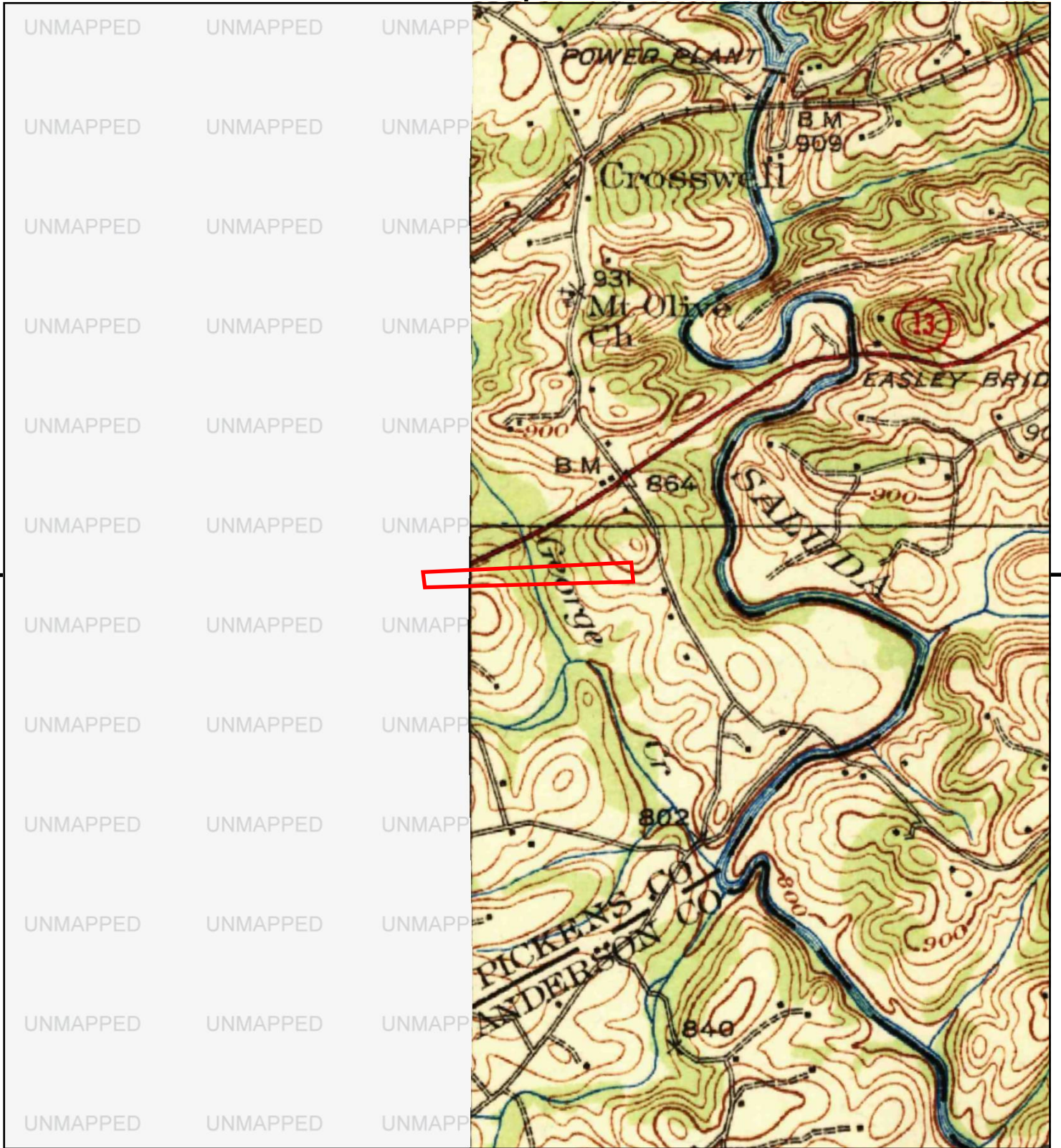
This report includes information from the following map sheet(s).



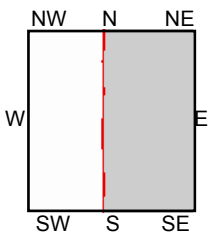
TP, Greenville, 1957, 7.5-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
 Easley, SC 29640
CLIENT: F&ME Consultants





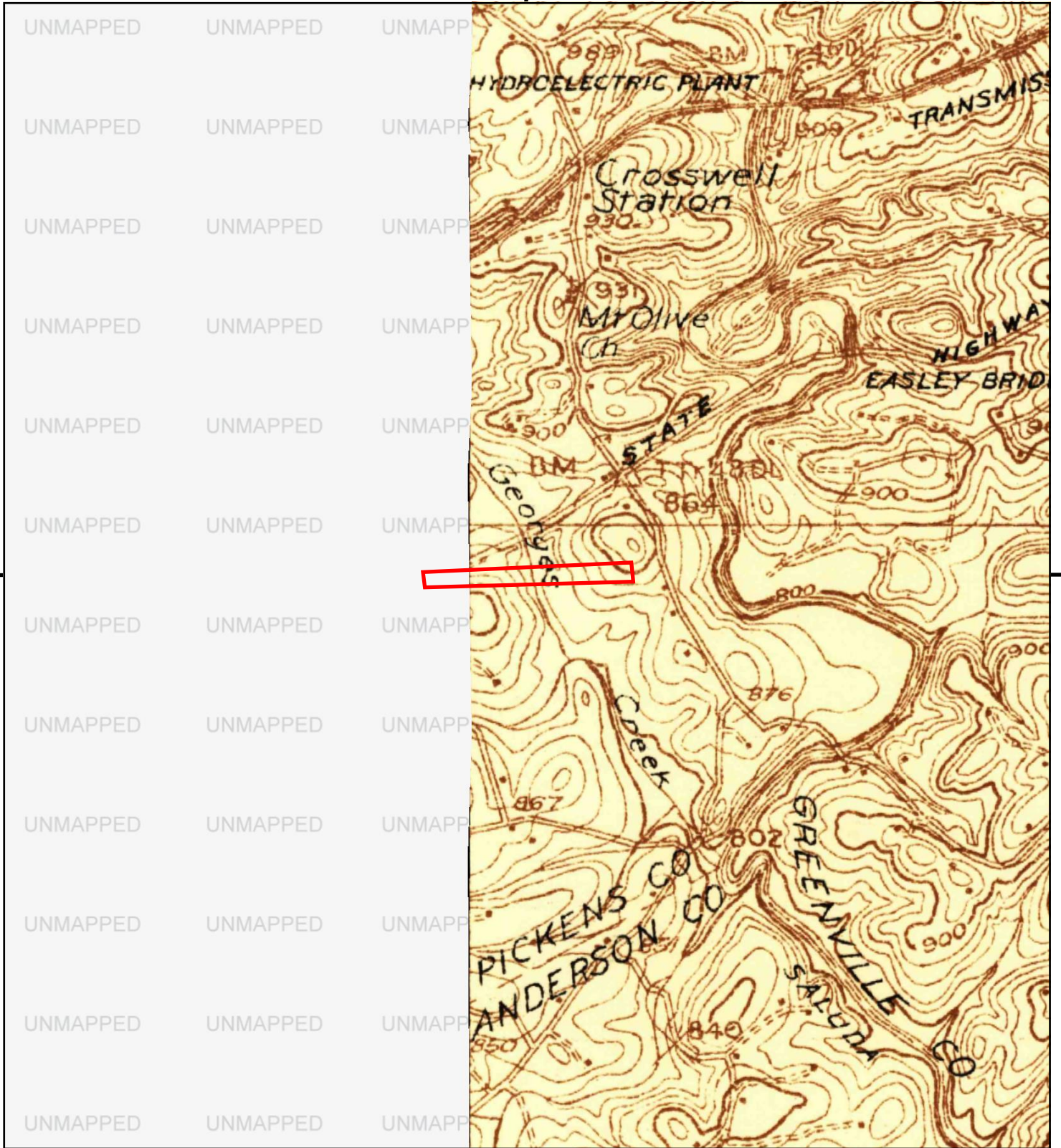
This report includes information from the following map sheet(s).



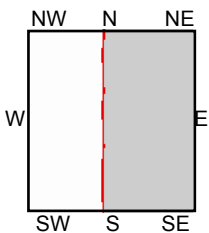
TP, Greenville, 1938, 15-minute

SITE NAME: SC 123 over Georges Creek
 ADDRESS: SC 123
 Easley, SC 29640
 CLIENT: F&ME Consultants





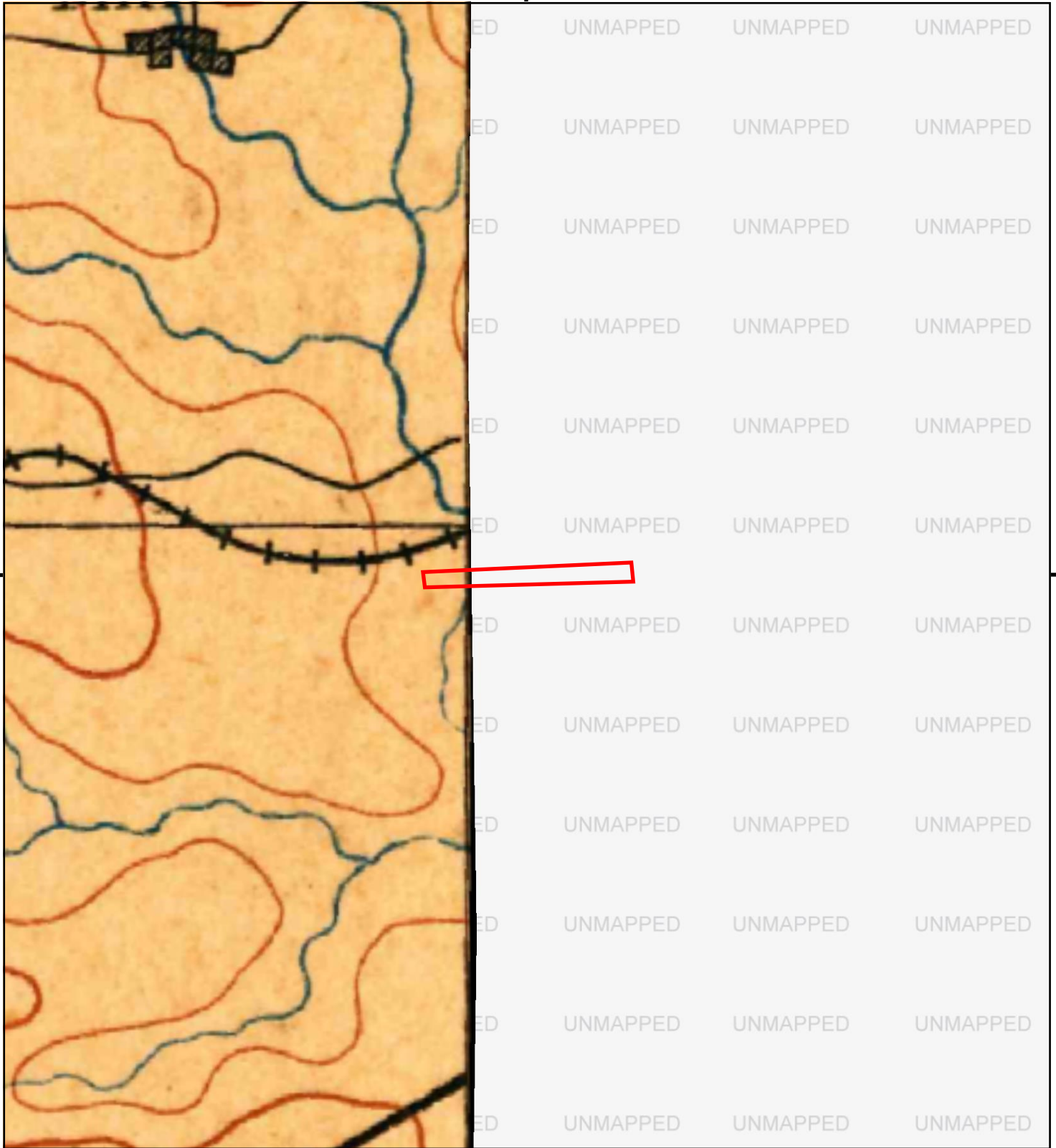
This report includes information from the following map sheet(s).



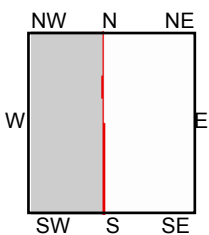
TP, Greenville, 1935, 15-minute

SITE NAME: SC 123 over Georges Creek
 ADDRESS: SC 123
 Easley, SC 29640
 CLIENT: F&ME Consultants





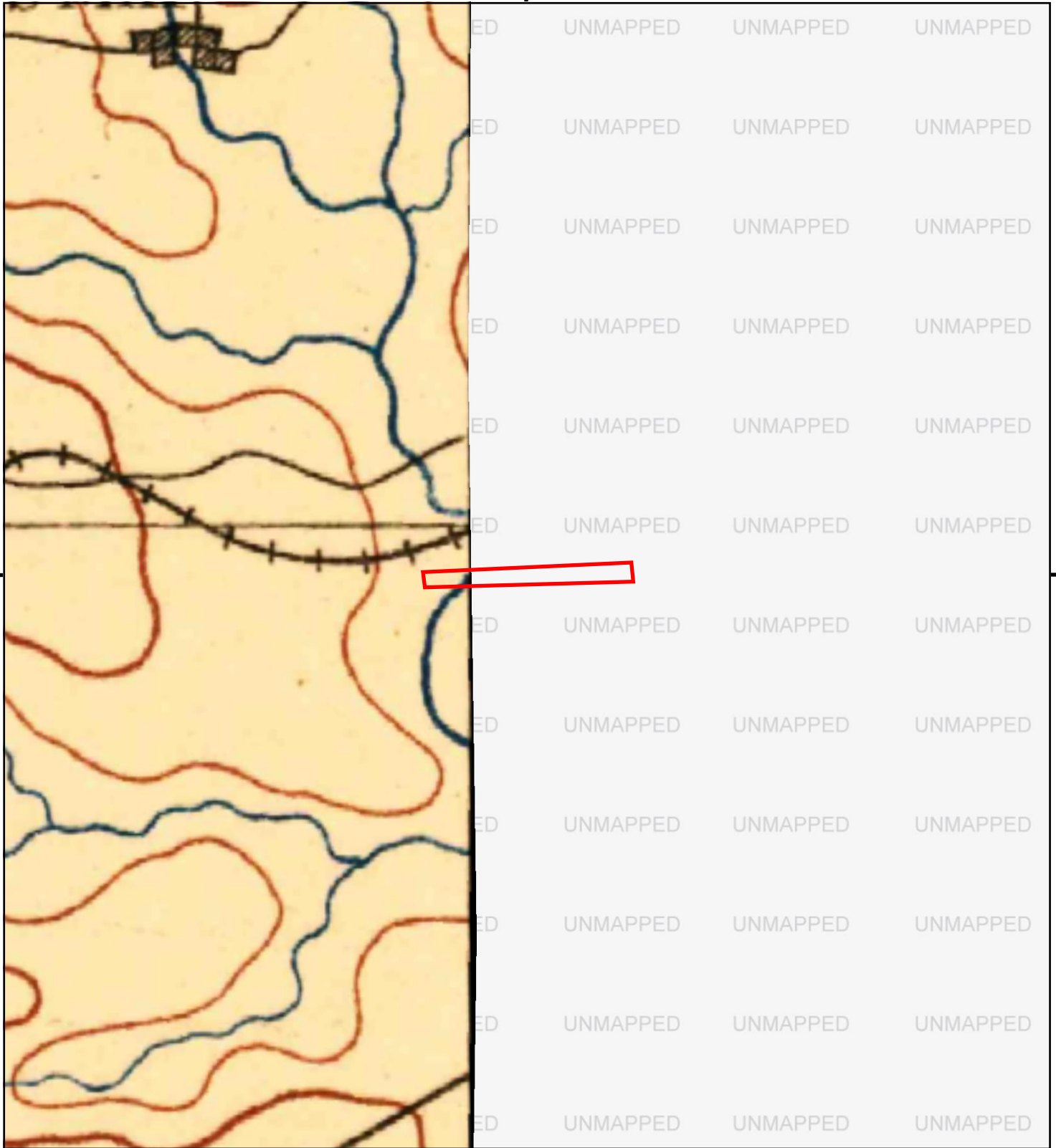
This report includes information from the following map sheet(s).



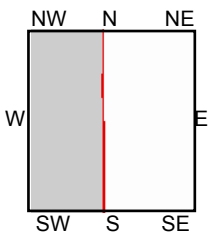
W, Pickens, 1894, 30-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
Easley, SC 29640
CLIENT: F&ME Consultants





This report includes information from the following map sheet(s).



W, Pickens, 1888, 30-minute

SITE NAME: SC 123 over Georges Creek
ADDRESS: SC 123
Easley, SC 29640
CLIENT: F&ME Consultants



November 3, 2022

Ms. Karla Bishop,
Director Freedom of Information
SC Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Re: Request for information pertaining to any environmental issues at or near the addresses of the sites listed on the Attached *Potential Sites within the Project Area, on US-123 Greenville, South Carolina in Pickens County.*

Dear Ms. Bishop:

This is a request for information pertaining to any environmental issues that may have been registered with DHEC for the attached location addresses. Any information pertaining to environmental problems may consist of the following:

- 1) Information pertaining to the removal or installation of above ground and underground storage tanks;
- 2) Issuance of any environmentally related license(s), permit(s) and well record(s);
- 3) Issuance of any license(s) or permit(s) (or complaints against) to store hazardous substances, waste and/or petroleum products on the subject properties, or adjacent properties and any action taken;
- 4) Issuance of any license(s) or permit(s) (or complaints) regarding waste disposal on the subject properties, or adjacent properties; and
- 5) Brownfield site(s) on the subject property and/or adjacent properties.

If you have any questions, please do not hesitate to contact us. We would appreciate your response as soon as is convenient.

Sincerely,



Rodney W. Wingard
Environmental Manager
F&ME CONSULTANTS

Attachment

Possible Sites within the Project Area

Project Area	Site Name	Address	Primary Source	Type of Site	Regulatory Database	Possible Contamination
US-123 RBO Georges Creek	Greg Porters Body Shop	3630 Calhoun Memorial Highway (S-123)	Radius Map	Hazardous waste generator	RCRA-VSQQ	Hazardous Waste
	Travelers Gas 2 (a.k.a., Mister DS Quick Stop, Jalaram 2 Inc.	3601 Calhoun Memorial Highway (S-123)	Radius Map	Gas Station	LUST	Petroleum
	Hot Spot 4002	3908 Calhoun Memorial Highway (S-123)	Radius Map	Gas Station	LUST	Petroleum
	Georges Creek Dump	Hwy 123 Near 3649 Calhoun Memorial HWY (S-123)	Radius Map (Unmapped)	SHWS	VCP, Brownfield	Hazardous Waste
	Sav A Ton	3790 Calhoun Memorial Highway (S-123)	Radius Map (Unmapped), Historic Aerial Photographs, and Google Earth	Former Gas Station	LUST	Petroleum
	Tires Inc.	RT 11 New Easley Hwy (Exact address unknown)	Radius Map (Unmapped)	Tire store/ Automotive garage	LUST	Petroleum
	Lindsey's Ring & Pinion	3733 US-123 (per	Historic Aerial	Automotive garage	N/A	Petroleum
	Blue Coral Stoneworks	3729 US-123 (per Google Earth)	Historic Aerial Photographs	Former Gas Station	N/A	Petroleum
	All Tech Tire & Auto	3670 Calhoun Memorial Highway (US-123) (per Google Earth)	Historic Aerial Photographs	Automotive garage	N/A	Petroleum

From: [Barrier, Jennifer A.](#)
To: [Rodney Wingard](#)
Subject: Re: Responding to your message - Freedom of Information Request #869636
Date: Thursday, November 10, 2022 10:25:43 AM
Attachments: [869636r.pdf](#)

Here is my research. If you need help figuring out let me know.

Kindest Regards,

Jennifer Barrier
Senior Coordinator
Freedom of Information Office
S.C. Dept. of Health & Environmental Control
Office: (803) 898-1420
Fax: (803) 898-3816
Connect: www.scdhec.gov [Facebook](#) [Twitter](#)



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From: Rodney Wingard <rwingard@fmeconsultants.com>
Sent: Thursday, November 10, 2022 10:22 AM
To: Barrier, Jennifer A. <barrieja@dhec.sc.gov>
Subject: RE: Responding to your message - Freedom of Information Request #869636

***** Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. *****

Can you send me a quick view of everything you located so I can decide on the non-electronic?

Rodney Wingard,
Environmental Manager



FME Consultants, Inc.
1825 Blanding Street | Columbia, SC 29201
O 803.254.4540 | F 803.254.4542 | M 803.216.4752

From: Barrier, Jennifer A. <barrieja@dhec.sc.gov>
Sent: Thursday, November 10, 2022 9:10 AM
To: Rodney Wingard <rwingard@fmeconsultants.com>
Subject: Re: Responding to your message - Freedom of Information Request #869636

Want just the electronic files right for what we located? That would be for both requests?

kindest regards,

Jennifer Barrier
Senior Coordinator
Freedom of Information Office
S.C. Dept. of Health & Environmental Control
Office: (803) 898-1420
Fax: (803) 898-3816
Connect: www.scdhec.gov [Facebook](#) [Twitter](#)



PRIVACY NOTICE: The information contained in this message and all attachments transmitted with it may contain legally privileged and/or confidential information intended solely for the use of the individual or entity to whom it is addressed. Access to this information by any other individual is unauthorized and may be unlawful. If the reader of this message is not the intended recipient, you are hereby notified that any reading, dissemination, distribution, copying, or other use of this message or its attachments is strictly prohibited. If you have received this message in error, please notify the sender immediately and delete the information without retaining any copies. Thank you.

From: Rodney Wingard <rwingard@fmeconsultants.com>
Sent: Thursday, November 10, 2022 8:50 AM
To: Barrier, Jennifer A. <barrieja@dhec.sc.gov>
Subject: RE: Responding to your message - Freedom of Information Request #869636

***** Caution. This is an EXTERNAL email. DO NOT open attachments or click links from unknown senders or unexpected email. *****

Hey Jennifer, I would like any records you have for #869636.

Please let me know if you have any questions. Thanks!

Rodney Wingard,
Environmental Manager



FME Consultants, Inc.
1825 Blanding Street | Columbia, SC 29201
O 803.254.4540 | F 803.254.4542 | M 803.216.4752
rwingard@fmeconsultants.com | www.fmeconsultants.com

From: DHECFOI@sc.lmhostediq.com <DHECFOI@sc.lmhostediq.com>

Sent: Wednesday, November 9, 2022 3:28 PM

To: Rodney Wingard <rwingard@fmeconsultants.com>

Subject: Responding to your message

Re: Freedom of Information Request #869636
Multiple Facilities in Pickens

Dear Mr. Wingard:

DHEC has located public records responsive to the above-referenced Freedom of Information (FOI) request. This information will be available for review and copying pursuant to the Freedom of Information Act, S.C. Code 30-4-10 *et seq.*

With regard to your FOI request, DHEC has determined that it will not produce, and in some cases cannot produce, information that is trade secret information, personal information where public disclosure would be an unreasonable invasion of privacy, matters specifically exempt or protected by law, information protected by attorney-client privilege or legal work product, or the identity of individuals making a good faith complaint of potential violation of law or regulation, pursuant to S.C. Code Sections 30-4-10, *et seq.* This information will be redacted or withheld from the records provided to you.

Please contact me by email at Barrieja@dhec.sc.gov to make arrangements for duplication of the records or to schedule an appointment to review the requested records. Enclosed please find a copy of the FOI Office Fee Schedule.

If we do not hear from you within 10 days from the date of this letter, we will assume the information is no longer required and your request will be closed.

Sincerely,

Jennifer Barrier
Freedom of Information Office

Contact Information

* First Name

Rodney

MI

* Last Name

Wingard

* Address Line 1

1825 Blanding Street

Address Line 2

* City

Columbia

* State

South Carolina

* Zip

29201

* Email

rwingard@fmeconsultants.com

Work Phone

8032164752

Freedom of Information Request Form

Customer Service: (803) 898-3882

Date

11/3/2022

Requested Information

Specific Documents

What is the period of time for the records/file review requested?

Great than 24 Months

Facility or project name:

E6657.002 - US-123 RBO Georges Creek

Facility address:

Multiple addresses.

County

Pickens ▼

DHEC file custodian/staff contact if known:

NA

Description of document or files requested:

See attached letter request.

Please upload any relevant attachments that can assist with your FOI Request.

Remove 2 - Letter to Karla DHEC FOI.pdf (260992 bytes)

Upload File No file chosen

Upload File No file chosen

Family Privacy Protection Act Statement

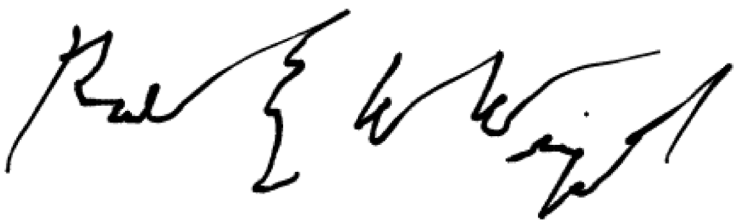
* The Family Privacy Protection Act, SC Code Section 30-2-50, prohibits any person or private entity from knowingly obtaining or using any personal information obtained from our agency for commercial solicitation directed to any person in the State. Violation of this law is a crime.

I have read and understand this statement. I am not requesting this information for the purposes of commercial solicitation in violation of the law.

I Agree.

Personal information provided in this document is subject to public scrutiny or release.

Sign using your mouse or finger...

A large rectangular box containing a handwritten signature in black ink. The signature is cursive and appears to read "Paul W. Wright".

Clear

Submit



Appalachia II
Environmental Quality Control
301 University Ridge, Suite 5800
Greenville, SC 29601-3677
864-241-1090 Fax: 864-241-1092

Fy99 Cont. File
Serving
Greenville and Pickens Counties

57116

54116

July 15, 1999

Greg Porter
Greg Porter Body Shop
3630 Calhoun Memorial Hwy
Greenville, SC 29611

RECEIVED

JUL 16 1999

S. C. Dept. of Health & Environmental
Control-Bureau of Land & Waste
Management

Re: Conditionally Exempt Small Quantity Generator
Pickens County

Dear Mr. Porter:

On July 15, 1999, an inspection of the above referenced facility was conducted to determine compliance with the South Carolina Hazardous Waste Management Regulations. Inspection participants are listed below:

Susan Turner - SCDHEC
Greg Porter - Greg Porter Body Shop

At the time of the inspection, no deficiencies were noted and Greg Porter Body Shop - Pickens County is considered to be in compliance with the applicable portions of SCHWMR.

Sincerely,

Susan G. Turner
Susan G. Turner
Hazardous Waste Consultant

cc: Robert M. Lee, Compliance Monitoring



UST Compliance Inspection Notice of Violation
Division of UST Management

4/18/12

Date

Owner NSS Inc.

Vinod Dhand

Operator

Address 720 Hedge wood Terr.

720 Hedge wood Terrace

Address

Greer, SC 29650

Greer, SC 29650



RE: NOTICE OF VIOLATION

Permit ID# 11650

Facility name Sav A Ton

Address 3790 John C. Calhoun Memorial Hwy.

Easley, SC 29640

Dear NSS Inc.:

On 4/18/12, I conducted a routine UST compliance inspection at this facility. (Date)

PART ONE: Items identified in this part require immediate attention.

Section 280

- .10(e) Introduction of petroleum or petroleum products into an UST for which the owner does not hold a currently valid registration.
.20/.21 Failure to equip a permitted or upgraded site with spill, overfill, and corrosion protection.
.41(b)(1)(i) Failure to equip pressurized line with an automatic line leak detector.
.61(a) Failure to report a release.
.62 Failure to abate a confirmed release.

This situation is being referred to the Enforcement Section for further action.

Intent to Impose Fuel Delivery Prohibition

As a result of the above Part I violations and in accordance with UST Control Regulations, 61-92, Section 280.23(e), the Department intends to impose a prohibition against delivery of fuel to the out of compliance tank(s) if the Part I violation(s) has/have not be corrected by

UST PROGRAM DOCKETING # 27

Section 280.

- ____ . 20(e) Failure to install tanks and piping in accordance with manufacturer's instructions.
- ____ . 20(g) Failure to provide required secondary containment.
- ____ . 20(g)(3) Failure to monitor secondary containment using Interstitial monitoring.
- ____ . 30(a) Failure to ensure that releases due to spilling or overfilling do not occur.
- ____ . 31(a) Failure to maintain and operate corrosion protection system.
- ____ . 31(b)(1) Failure to have cathodic protection system tested at least every 3 years.
- ____ . 31(c) Failure to inspect impressed current system every 60 days.
- ____ . 34(c) Failure to provide records to the Department upon request.
- ____ . 35(e) Failure to validate that monthly requirements have been performed.
- ____ . 35(f) Failure to physically visit each assigned facility once a quarter.
- ____ . 40(a) Failure to provide an adequate release detection method.
- ____ . 40(a)(2) Failure to properly maintain release detection equipment.
- ____ . 41(b)(1)(ii) Failure to conduct an annual line tightness test on pressurized line or have monthly monitoring.
- ____ . 41(b)(2) Failure to conduct a line tightness test at least every 3 years on a suction piping system.
- ____ . 43() Failure to conduct proper release detection using _____.
- ____ . 44(a) Failure to conduct annual test of automatic line leak detectors and/or sump sensors.
- ____ . 45(b)(1) Failure to maintain sampling, testing, or monitoring records for at least one year.
- ____ . 50 Failure to report a suspected release.
- ____ . 70(a) Failure to continue operation and maintenance of corrosion protection or appropriate release detection on a temporarily closed UST.
- ____ . 93 Failure to demonstrate financial responsibility.
- ____ . 111 Failure to maintain Certificate of Financial Responsibility on site.
- ____ . 44-2-60(a) Failure to display registration certificate.

Other

____ . ____
____ . ____

Failure to correct the deficiency(ies) identified on this page within 30 days may lead to delivery prohibition.

Part Three: Important Dates for your Site:

Cathodic Protection System test (3 years) Due Date 6/25/13

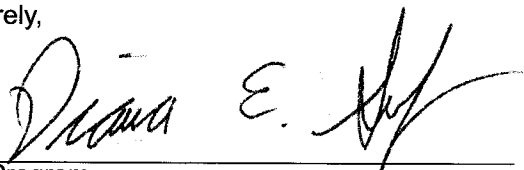
Line Leak Detector Function Check (annual) Due Date See p. 3

Line Tightness Test (annual/3 years) Due Date see p. 3

Sump Sensor Function Check (annual) Due Date _____

Financial Responsibility Expiration Date 11/1/12

Sincerely,

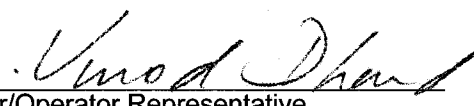


UST Program

11650

Permit ID #

Receipt acknowledged.



Owner/Operator Representative

VINOD DHAND
Print Name

4/18/12
Date

FACILITY: Sov A Ton PERMIT ID#: 11650 DATE: 4/18/12

Send the following:

- Repair and testing records for _____
- Proof of suction system check valve location
- Monthly tank and/or line monitoring records (ATGs, SIR, electronic leak detectors, etc.)
- If records (above) cannot be provided, either perform a tightness test for _____ or send in proof that the _____ tank(s) has/have been pumped to less than an inch of product.
- Impressed Current 60-day log for _____
- Proof that all liquid has been removed from _____ sump(s) and disposed of properly
- Proof of sump repair and/or future water maintenance plan
- Proof of a new gauging stick
- Proof tank has been pumped to less than one inch of product/water
- Proof shear valves are anchored according to manufacturer's instructions _____
- Proof sump sensor(s) have been lowered to within one inch of the bottom of the sump _____
- Information on operator designation and training: A/B C
- Payment of Tank Fees
- Financial responsibility information
- Please contact the department immediately (803) 896-6650, in order to complete your Class A/B Operator retraining no later than the due date listed below.

Run the following tests and send a copy of the results:

- Line leak detector function check
- Piping tightness test
- Tank tightness test
- Corrosion protection system test
- Sump sensor function check
- Site check (use the Assessment Guidelines)*
- Other _____

Install the following and send a copy of the invoice:

- Line leak detector
- Spill prevention equipment
- Overfill prevention equipment
- Corrosion protection on _____
- Drop tube in fill pipe
- Other _____

Start doing the following:

- Remember to test on time
- Daily inventory measurements to 1/8"
- Monthly test using ATG
- Piping test with electronic leak detectors
- Manual tank gauging
- Maintain Impressed Current 60-day log
- Monthly water maintenance of sumps
- Monthly sump log (dispenser and/or STP)
- Report all non-passing release detection reports
- Monthly Class A/B operator requirements
- Quarterly Class A/B site visits
- Maintain Financial Responsibility Certificate on site
- Display Registration Certificate on site

Other:

* Failure to do a site check as requested will result in violations 280.50 and 280.52

Please use the Permit ID # on correspondence.

This list identifies the actions needed to bring the facility into compliance. By 5/18/12 send proof of the corrective actions you have taken to: Date

Compliance Section, UST Program
2600 Bull Street
Columbia, South Carolina, 29201

(803) 896-7957
Fax (803) 896-6245
Website www.scdhec.gov/ust.



UST Compliance Inspection Checklist UST Management

TANK LEAK DETECTION

RECORDS AVAILABLE

PERMIT ID #

11650

- ATG: Type 125-350 R
- Interstitial Monitoring
- SIR: Vendor _____
- MTG
- Vapor Monitoring
- Ground Water Monitoring
- 12 most recent consecutive months pass
- 8 of 12 with most recent 2 months _____
- Other _____
- Tank Tightness Test: _____
- Inches of Product in Tank(s): _____
- EOU TOS Other _____
- Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec

BIG LEAK

PRESSURIZED PIPING LEAK DETECTION

LITTLE LEAK

- MLLD Function Check Date: NA
- ELD Function Check Date: _____
- Sump Sensor Function Check Date: _____
- ELD: Type: _____ 3.0 gph Yes No
- Annual Line Test Date: NA
- Interstitial Monitoring _____ SIR
- Both ends: Sensor Sensor and Visual Both ends: Visual
- ELD: 0.2 gph _____
- 0.1 gph _____

SUCTION PIPING LEAK DETECTION

Records Available

- European Suction
- American Suction 3 Year Test Date: _____
- 12 most recent consecutive months _____
- 8 of 12 with most recent 2 months _____
- Other _____

CORROSION PROTECTION

- Cathodic protection on metal systems: Dates of last two system tests: 6/25/10
- Impressed Current Rectifier On 1 Amp 25 Volts _____ Hours 60-day log kept yes
- at last system test _____ Amp _____ Volts _____ Hours
- Sacrificial Anode Stl P-3
- Interior lining: Internal Inspect Date: _____
- Dispenser Flex Connectors and other metal protected by: Boot CP System Sump Isolation Not Protected N/A
- STP Flex connectors and other metal protected by: Boot CP System Sump Isolation Not Protected N/A

SUPPLIER INFORMATION

INSPECTION SCHEDULING

Y

N

SURVEYS

- | | | |
|-------------------------|-----------------------------------|--|
| Name: <u>Echols oil</u> | Contact Name: <u>clerk</u> | <input checked="" type="checkbox"/> <input type="checkbox"/> ASTs <u>4000 FCV</u> |
| Address: | Time/Date: <u>10:33 am 4/3/12</u> | <input type="checkbox"/> <input checked="" type="checkbox"/> Disp Sumps |
| Phone: | Phone #: <u>store #</u> | <input type="checkbox"/> <input checked="" type="checkbox"/> STP Sumps |
| | | <input type="checkbox"/> <input checked="" type="checkbox"/> Vapor <u>no</u> |
| | | <input type="checkbox"/> <input checked="" type="checkbox"/> Vents <u>ok</u> |
| | | <input type="checkbox"/> <input checked="" type="checkbox"/> Wells <u>no</u> |
| | | <input type="checkbox"/> <input checked="" type="checkbox"/> Drop Tube Present |
| | | <input type="checkbox"/> <input checked="" type="checkbox"/> Leak detectors vented if required |
| | | <input type="checkbox"/> <input checked="" type="checkbox"/> Spill buckets in good condition |

Y

N

OPERATOR TRAINING

INFORMATION

- | | |
|--|---|
| <input checked="" type="checkbox"/> <input type="checkbox"/> Class B Operator Present | Retraining Details/Other Information
<u>Discussed LCD/LTT</u>
<u>V. Dhand</u> |
| Name: <u>V. Dhand</u> | |
| <input checked="" type="checkbox"/> <input type="checkbox"/> Class C Operator Present | |
| <input checked="" type="checkbox"/> <input type="checkbox"/> Class C Operator Documented | |
| <input checked="" type="checkbox"/> <input type="checkbox"/> Monthly Checklist Completed | |
| <input checked="" type="checkbox"/> <input type="checkbox"/> Quarterly Visits Performed | |
| <input checked="" type="checkbox"/> <input type="checkbox"/> Retraining Performed | |

OVERFILL PREVENTION

- Drop Tube Shut Off Valve Verified
- Ball-Float Vent-Value
- Electronic Alarm Verified

COMMENTS

Shear valves anchored. No LCD/LTT.

Inspector Initials: QEA Date: 4/18/12 Financial Responsibility Cert. Registration Certificate



C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

February 22, 2012

**NSS INC
220 HEDGEWOOD TERRY
GREER, SC 29650**

Sav A Ton, Permit ID #11650, 3790 John C Calhoun Memorial, Easley, SC

Dear Tank Owner:

My name is Donna Owens and my job is to help you be in compliance during the next UST compliance inspection at this facility. This inspection should occur within the next 45-90 days and the inspector in your area will notify you 7-10 days prior to the inspection. According to our records, you have steel-clad tanks with associated steel piping at this location. You are using an automatic tank gauge for your tank leak detection method and mechanical line leak detectors for your piping. Listed below are some important dates and information to help you be in compliance when our inspector comes to this site. Please have the following available:

- 12 months of automatic tank gauge records
- Most recent line tightness & line leak detector function check (due: 03/23/12)
- Most recent cathodic protection systems test (due: 06/25/13)
- Current Financial Responsibility Certificate on site
- Current Registration Certificate posted on site
- Completed A/B Operator log & documentation of C operators

If I can help you in your preparations for this inspection or if you have questions about compliance, please call me at 803-896-6651 or email at owensdm@dhec.sc.gov. **Please do not send any records directly to me.**

Sincerely,

Donna M. Owens
Division of UST Management and Regulatory
Compliance Section
Bureau of Land & Waste Management





C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

May 23, 2011

NSS INC
220 HEDGEWOOD TERR
GREER, SC 29650

RE: Underground Storage Tanks (UST's)
Compliance Inspection
Sav A Ton, 3790 J.C. Calhoun Memorial Hwy, Easley, SC 29640
Permit ID # 11650

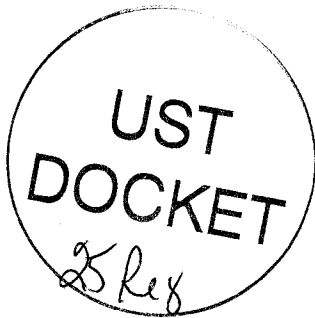
Dear Tank Owner:

The Underground Storage Tank Management Division received your response to the routine compliance inspection conducted at the referenced facility on 04/14/2011. Your response is adequate, and the inspection is now closed. Repeating these violations may result in referral to the Enforcement Section, which could include civil penalties.

Thank you for complying with the South Carolina UST Control Regulations.

Sincerely,

Belinda M. Barron
Compliance Section-Administration
Regulatory Compliance Division
Underground Storage Tank Management
Bureau of Land and Waste Management



Res to 4/14/11

STATE OF SOUTH CAROLINA IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM EVALUATION

- > This form must be utilized to evaluate underground storage tank (UST) cathodic protection systems in South Carolina.
- > Access to the soil directly over the cathodically protected structure that is being evaluated must be provided.
- > A site drawing depicting the UST cathodic protection system and all reference electrode placements must be completed.

I. UST OWNER		II. UST FACILITY	
NAME: <i>NSS INC / SAV A TON</i>	NAME: Sav-A-Ton	ID # <i>11650</i>	
ADDRESS: <i>3790 CALAHOUN HWY</i>	ADDRESS: 3790 Calhoun Hwy		
CITY: <i>Greenville SC 29611</i>	STATE: <i>SC</i>	CITY: Greenville	COUNTY:

III. CP TESTER		IV. CP TESTER'S QUALIFICATIONS	
TESTER'S NAME: <i>Adriane Cheely</i>		NACE INTERNATIONAL CERTIFICATION NUMBER:	
COMPANY NAME: <i>Corrosion Control Incorporated</i>		CERTIFICATION DATE: <i>Nov 2007</i>	TYPE OF CERTIFICATION: <i>C P Tester</i>
ADDRESS: <i>494 Fairplay Street</i>		SOURCE OF CERTIFICATION: <i>GTEC</i>	
CITY: <i>Rutledge</i>	STATE: <i>GA</i>	OTHER (EXPLAIN):	

V. REASON SURVEY WAS CONDUCTED (mark only one)

Routine - 3 year Routine - within 6 months of installation 60-day re-survey after fail Re-survey after repair/modification

Date next cathodic protection survey must be conducted _____ (required within 6 months of installation/repair & every 3 years thereafter).

VI. CATHODIC PROTECTION TESTER'S EVALUATION (mark only one)

PASS All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VIII).

FAIL One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (complete Section IX).

INCONCLUSIVE The cathodic protection survey of an impressed current system must be evaluated by a corrosion expert because one or more of the conditions listed in Section 7.1.5 of the SCDHEC cathodic protection guidance document are applicable (complete Section VII).

CP TESTER'S SIGNATURE: *Adriane Cheely* DATE CP SURVEY PERFORMED: *6/25/2010*

VII. CORROSION EXPERT'S EVALUATION (mark only one)

The survey must be conducted and/or evaluated by a corrosion expert when: a) supplemental anodes or other changes in the construction of the impressed current system are made; b) stray current may be affecting buried metallic structures or c) an inconclusive result was indicated in Section VI.

PASS All protected structures at this facility pass the cathodic protection survey and it is judged that adequate cathodic protection has been provided to the UST system (indicate all criteria applicable by completion of Section VIII).

FAIL One or more protected structures at this facility fail the cathodic protection survey and it is judged that adequate cathodic protection has not been provided to the UST system (indicate what action is necessary by completion of Section IX).

CORROSION EXPERT'S NAME: *Craig K. Meier* COMPANY NAME: *Corrosion Control Incorporated*

NACE INTERNATIONAL CERTIFICATION: *Cathodic Protection Specialist* NACE INTERNATIONAL CERTIFICATION NUMBER: *6552*

CORROSION EXPERT'S SIGNATURE: *[Signature]* DATE: *06/26/10*

VIII. CRITERIA APPLICABLE TO EVALUATION (mark all that apply)

850 OFF Structure-to-soil potential more negative than -850 mV with respect to a Cu/CuSO₄ reference electrode with protective current temporarily interrupted (instant-off).

100 mV POLARIZATION Structure(s) exhibit at least 100 mV of cathodic polarization.

IX. ACTION REQUIRED AS A RESULT OF THIS EVALUATION (mark only one)

NONE Cathodic protection is adequate. No further action is necessary at this time. Test again by no later than (see Section V).

RETEST Cathodic protection may not be adequate. Retest during the next 60 days to determine if passing results can be achieved.

REPAIR & RETEST Cathodic protection is not adequate. Repair/modification is necessary as soon as practical but within the next 60 days.

**UST
DOCKET**
248x

NSS INC / SAU # 70N
 3790 CALAHOUN HWY. Greenville SC 29611

X. DESCRIPTION OF UST SYSTEM					
TANK #	PRODUCT	CAPACITY	TANK MATERIAL	PIPING MATERIAL	FLEX CONNECTORS
1	Premium		Glass/Steel	Steel	
2	Diesel		Glass/Steel	Steel	
3	ORD		Glass/Steel	Steel	
4	Nolead		Glass/Steel	Steel	
5	Nolead		Glass/Steel	Steel	
6					
7					
8					
9					
10					

XI. IMPRESSED CURRENT RECTIFIER DATA (Complete if applicable)

In order to conduct an effective evaluation of the cathodic protection system, a complete evaluation of rectifier operation is necessary.

RECTIFIER MANUFACTURER: **Universal** RATED DC OUTPUT: 40 VOLTS 5 AMPS

RECTIFIER MODEL: **ES-2** RECTIFIER SERIAL NUMBER: **032157**

RECTIFIER OUTPUT AS INITIALLY DESIGNED OR LASTLY RECOMMENDED (if available): _____ VOLTS _____ AMPS

EVENT	DATE	TAP SETTINGS		DC OUTPUT		HOUR METER	COMMENTS
		COARSE	FINE	VOLTS	AMPS		
"AS FOUND"	24 JUN 10	1	5	13.78	.59		
"AS LEFT"	25 JUN 10	2	4	25.97	1.20		

XII. IMPRESSED CURRENT POSITIVE & NEGATIVE CIRCUIT MEASUREMENTS (Output in amperes)

Complete if the system is designed to allow such measurements (i.e. individual lead wires for each anode are installed and measurement shunts are present).

CIRCUIT	1	2	3	4	5	6	7	8	9	10	TOTAL
ANODE (+)	.14	.13	.14	.11	.09	.15	.41				
TANK (-)											

XIII. DESCRIPTION OF CATHODIC PROTECTION SYSTEM REPAIRS AND/OR MODIFICATION

Complete if any repairs or modifications to the cathodic protection system are made OR are necessary. Certain repairs/modifications as explained in the text of the SCDHEC cathodic protection guidance document are required to be designed and/or evaluated by a corrosion expert (completion of Section VII required).

- Additional anodes for an impressed current system (attach corrosion expert's design).
- Repairs or replacement of rectifier (explain in "Remarks/Other" below).
- Anode header cables repaired and/or replaced (explain in "Remarks/Other" below).
- Impressed current protected tanks/piping not electrically continuous (explain in "Remarks/Other" below).

Remarks/Other: _____

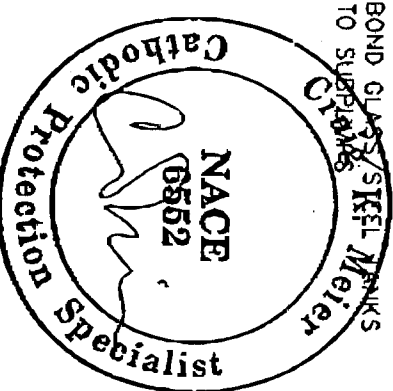
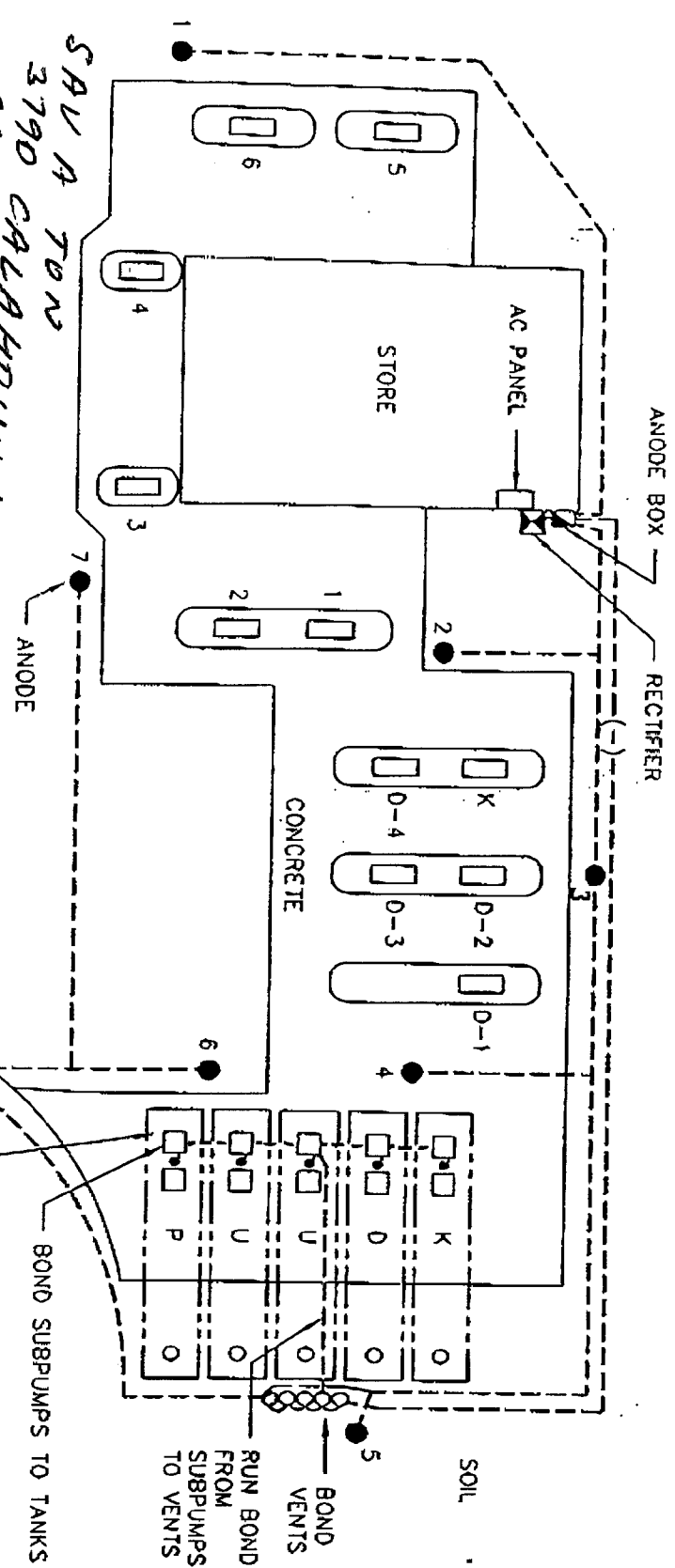
XIV. UST FACILITY SITE DRAWING

Attach detailed drawing of the UST and cathodic protection systems. Sufficient detail must be given in order to clearly indicate where the reference electrode was placed for each structure-to-soil potential that is recorded on the survey forms. Any pertinent data must also be included. At a minimum you should indicate the following: All tanks, piping and dispensers; All buildings and streets; All anodes and wires; Location of CP test stations; Each reference electrode placement must be indicated by a code (1,2,3 R-1, R-2, R-3...etc.) corresponding with the appropriate line number in Section XVI of this form.

AN EVALUATION OF THE CATHODIC PROTECTION SYSTEM IS NOT COMPLETE WITHOUT AN ACCEPTABLE SITE DRAWING.

- NOTES:
1. THE TANKS ARE GLASS/STEEL WITH STEEL PRODUCT LINES.
 2. BOND TANKS TO SUBPUMPS.
 3. BOND SUBPUMPS AND VENTS TO NEGATIVE.
 4. INSTALL SEVEN (7) ANODES IN 6" x 8' DEEP HOLES.
 5. CHECK CONTINUITY.

SAV A TON
 3790 CALHOUN HWY
 GREENVILLE SC 29611



CORROSION CONTROL INCORPORATED

494 FAIRPLAY STREET
 RUTLEDGE, GEORGIA 30663
 ENGINEERING @ CORROSIONCONTROLINC.COM
 PHONE 706-557-9624 FAX 706-557-7923

NO. DATE BY

REVISIONS

DRAWN BY: JG

DESIGNED BY: CKM

DATE: 09-02-03

SCALE: NONE

SHEET: 1 OF 1

DWG. NO.: A-852-1

CATHODIC PROTECTION SYSTEM

FUEL TANKS AND PIPING
 SAV-A-TON
 3790 CALHOUN HIGHWAY
 GREENVILLE, SOUTH CAROLINA

XV. IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM CONTINUITY SURVEY

- Y This section may be utilized to conduct measurements of continuity on underground storage tank systems that are protected by cathodic protection systems.
- Y When conducting a fixed cell - moving ground survey, the reference electrode must be placed in the soil at a remote location and left undisturbed.
- Y Conduct point-to-point test between any two structures for which the fixed cell - moving ground survey is inconclusive or indicates possible isolation.
- Y For impressed current systems, the protected structure must be continuous with all other protected structures in order to pass the continuity survey.

FACILITY NAME: **Sav-A-Ton**

NOTE: The survey is not complete unless all applicable parts of sections I-XIV are also completed

DESCRIBE LOCATION OF "FIXED REMOTE" REFERENCE ELECTRODE PLACEMENT:

STRUCTURE "A" ¹	STRUCTURE "B" ²	STRUCTURE "A" ³ FIXED REMOTE INSTANT OFF VOLTAGE	STRUCTURE "B" ⁴ FIXED REMOTE INSTANT OFF VOLTAGE	POINT-TO-POINT ⁵ VOLTAGE DIFFERENCE	ISOLATED/ CONTINUOUS/ INCONCLUSIVE ⁶
PLUS TANK BOTTOM	PLUS STEEL PRODUCT LINE @ STP	-915	-908		NOT CONCLUSIVE
PLUS TANK BOTTOM	PLUS STEEL PRODUCT LINE @ STP				CONTINUOUS
PREMIUM	Bottom	-738			C
	FILL	-536			
	ATG	-739			C
	STP	-738			C
DIESEL	Bottom	-738			C
	FILL	-792			
	ATG	-738			C
	STP	-739			C
ORD	Bottom	-739			C
	FILL	-684			
	ATG	-739			C
	VAPOR	-738			C
No LEAD	Bottom	-739			C
	FILL	-780			
	ATG	-738			C
	VAPOR	-739			C
	STP	-739			C

- 1 Describe the protected structure ("A") that you are attempting to demonstrate is continuous (e.g. plus tank bottom).
- 2 Describe the "other" protected structure ("B") that you are attempting to demonstrate is continuous (e.g. plus steel product line @ STP).
- 3 Record the fixed remote instant off structure-to-soil potential of the protected structure ("A") in millivolts (e.g. -915 mV).
- 4 Record the fixed remote instant off structure-to-soil potential of the "other" protected structure ("B") in millivolts (e.g. -908 mV).
- 5 Record the voltage difference observed between structure "A" and structure "B" when conducting "point-to-point" testing (e.g. 1mV).
- 6 Document whether the test (fixed cell and/or point to point) indicated the protected structure was isolated, continuous or inconclusive.

SODHEC, BUREAU OF LAND AND WASTE MANAGEMENT, UST PROGRAM

2600 BULL STREET, COLUMBIA, SC 29201 PHONE (803) 896-6240 FACSIMILE (803) 896-6245 www.sodhec.net

NSS INC / SAV ATON
3790 CALAHAN HWY. Greenville
SC 29611

XV. IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM CONTINUITY SURVEY

This section may be utilized to conduct measurements of continuity on underground storage tank systems that are protected by cathodic protection systems.
 When conducting a fixed cell - moving ground survey, the reference electrode must be placed in the soil at a remote location and left undisturbed.
 Conduct point-to-point test between any two structures for which the fixed cell - moving ground survey is inconclusive or indicates possible isolation.
 For impressed current systems, the protected structure must be continuous with all other protected structures in order to pass the continuity survey.

FACILITY NAME: **Sav-A-Ton**

NOTE: The survey is not complete unless all applicable parts of sections I-XIV are also completed

DESCRIBE LOCATION OF "FIXED REMOTE" REFERENCE ELECTRODE PLACEMENT:

STRUCTURE "A" ¹	STRUCTURE "B" ²	STRUCTURE "A" ³ FIXED REMOTE INSTANT OFF VOLTAGE	STRUCTURE "B" ⁴ FIXED REMOTE INSTANT OFF VOLTAGE	POINT-TO-POINT ⁵ VOLTAGE DIFFERENCE	ISOLATED/ ⁶ CONTINUOUS/ INCONCLUSIVE
PLUS TANK TOP	PLUS STEEL PRODUCT LINE @ STP	-739	-738 mV		C
PLUS TANK BOTTOM	PLUS STEEL PRODUCT LINE @ STP				C
No LEAD 2	BOTTOM	-739			C
	FILL	-662			
	ATG	-738			C
	VAFOR	-739			C
	STP	-739			C
DISPENSERS	1	-738			C
	3/4	-738			C
	5	-739			C
	6	-739			C
	7/8	-738			C
	9/10	-739			C
	11	-738			C
	12	-739			C
	13	-739			C
	14	-738			C
	15	-739			C
RECTIFIER NEG		-739			

- 1 Describe the protected structure ("A") that you are attempting to demonstrate is continuous (e.g. plus tank bottom).
- 2 Describe the "other" protected structure ("B") that you are attempting to demonstrate is continuous (e.g. plus steel product line @ STP).
- 3 Record the fixed remote instant off structure-to-soil potential of the protected structure ("A") in millivolts (e.g. -915 mV).
- 4 Record the fixed remote instant off structure-to-soil potential of the "other" protected structure ("B") in millivolts (e.g. -908 mV).
- 5 Record the voltage difference observed between structure "A" and structure "B" when conducting "point-to-point" testing (e.g. 1mV).
- 6 Document whether the test (fixed cell and/or point to point) indicated the protected structure was isolated, continuous or inconclusive.

NSS INC / SAV A TON
3790 CALAHOUN HWY. Greenville
SC 29611

NSS INC / SAVATON
 3790 CALAHOUN HWY. GREENVILLE SC 29611

XVI. IMPRESSED CURRENT CATHODIC PROTECTION SYSTEM SURVEY

- > This section may be utilized to conduct a survey of an impressed current cathodic protection system by obtaining structure-to-soil potential measurements.
- > The reference electrode must be placed in the soil directly above the structure that is being tested and as far away from any active anode as practical to obtain a valid structure-to-soil potential (refer to the SCDHEC cathodic protection evaluation guidance document for detailed discussion of electrode placement).
- > Both on and instant off potentials must be measured for each structure that is intended to be under cathodic protection.

FACILITY NAME: **Sav-A-Ton** NOTE: This survey is not complete unless all applicable parts of sections I - XIV are also completed

LOCATION CODE	STRUCTURE 2	CONTACT POINT 3	REFERENCE CELL PLACEMENT 4	ON 6 VOLTAGE	INSTANT OFF VOLTAGE	100 mV POLARIZATION		PASS/FAIL 9
						ENDING 7 VOLTAGE	VOLTAGE 8 CHANGE	
(example) 1	(example) PLUS TANK	(example) TANK BOTTOM	(example) SOIL @ REG. TANK STP MANWAY	(example) -1070 mV	(example) -875 mV	(example) -575 mV	(example) 105 mV	(example) PASS
(example) 2	(example) DIESEL PIPE	(example) DISPENSER 7/8	(example) SOIL @ DIESEL TANK STP MANWAY	(example) -810 mV	(example) -890 mV	(example) -575 mV	(example) 105 mV	(example) PASS
	PREMIUM	BOTTOM	ATG	-1392	-766	-404	362	P
			STP	-1567	-956			P
	DIESEL	BOTTOM	ATG	-1435	-790	-610	180	P
			STP	-1577	-951			P
	ORD	BOTTOM	ATG	-1426	-855			P
			VAPOR	-1104	-943			P
	No Lead	BOTTOM	ATG	-1402	-801	-654	147	P
			STP	-1230	-899			P
	No Lead 2	BOTTOM	ATG	-1467	-854			P
			STP	-1265	-860			P
	DISPENSERS	1/2	1/2	-995	-934			P
		3/4	3/4	-1072	-930			P
		5	5	-843	-709	-576	133	P
		6	6	-1167	-951			P
		7/8	7/8	-880	-662	-492	170	P
		9/10	9/10	-667	-638	-55	118	P

COMMENTS: ALL POINTS MEET NACE CRITERIA

- 1 Designate numerically or by code on the site drawing each local reference electrode placement (e.g. 1,2,3... T-1, T-2, P-1, P-2...etc.).
- 2 Describe the structure that is being tested (e.g. plus tank; diesel piping; flex connector, etc.).
- 3 Describe where the structure being tested is contacted by the test lead (e.g. plus tank bottom; diesel piping @ dispenser 7/8; etc.).
- 4 Describe the exact location where the reference electrode is placed for each measurement (e.g. soil @ regular tank STP manway; soil @ dispenser 2, etc.)
- 5 (Applies to all tests) Record the structure-to-soil potential (voltage) observed with the current applied (e.g. -1070 mV).
- 6 (Applies to all tests) Record the structure to soil potential (voltage) observed when the current is interrupted (e.g. 890 mV).
- 7 (Applies to 100 mV polarization test only) Record the voltage observed at the end of the test period (e.g. 575 mV).
- 8 (Applies to 100 mV polarization test only) Subtract the final voltage from the instant off voltage (e.g. 890 mV - 575 mV = 105 mV).
- 9 Indicate if the tested structure passed or failed one of the two acceptable criteria (850 instant off or 100 mV polarization) based on your interpretation of data.

CORROSION CONTROL

INCORPORATED

Professional, Personalized Service

July 5, 2010

Sav-A-Ton
3790 Calhoun Highway
Greenville, SC 29611

Attn: Vinney Dhand

Reference: CATHODIC PROTECTION SYSTEM
UST EVALUATION DOCUMENT

Dear Mr. Dhand,

Please find enclosed the signed cathodic protection system evaluation form for the above noted site. Also enclosed is a rectifier log book. Should you have any questions, please feel free to contact our office.

Respectfully submitted,
CORROSION CONTROL INCORPORATED

Melissa Rapier

Melissa Rapier

Enclosures

706-474-0474 - Craig

FROM
Vinnie Dhand

803-896-6651
(P)

6245 LE

TO
ATTN
DONA OWENS

P.O. Box 575
494 Fairplay Street
Rutledge, Georgia 30668
Phone (706) 557-9624
Fax: (706) 557-7923
www.corrosioncontrolinc.com

TO DONA OWENS

DHEC

FAX 803-896-6245

SUBJECT PERMIT 11650

3790 CALAHOUN HWY. Greenville
SE 29611

THIS LOCATION HAS 5 TANKS AS SHOWN BELOW

- 3 UNLEADA 10,000 GALLONS TANKS
- 1 PREMIUM 4000 GALLON TANK
- 1 DIESEL 10,000 GALLON TANK

4000 GALLON TANK USED TO BE OFF-ROAD
DIESEL TANK. THIS TANK WAS CONVERTED
TO PREMIUM TANK IN 2006.

ALL UNDERGROUND TANKS ARE FIBER GLASS
COATED STEEL TANKS. THE PIPING FROM
DISPENSERS TO TANKS IS STEEL PIPING
AND IT IS PROTECTED WITH CATHODIC PROTECTION

THIS SITE HAS ONE SPARE DISPENSER
(USED TO BE OFF ROAD DIESEL DISPENSER)

I HAVE DISCONNECTED THE PIPING FROM
THIS DISPENSER.

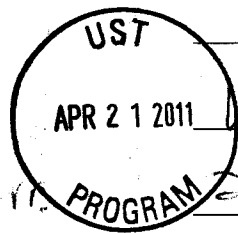
THANKS

Vinnie Dhand
5/16/11



UST Compliance Inspection Notice of Violation
Division of UST Management

4/14/11



Owner NSS Inc. Date _____
Operator Vinod Dhand
Address 220 Hedgewood Terr. 220 Hedgewood Terrace
Greer, SC 29650 Greer, SC 29650

RE: NOTICE OF VIOLATION

Permit ID# 11650
Facility name Sav A Tank
Address 3790 J.C. Calhoun Memorial Hwy.
Easley, SC 29640

Dear NSS, Inc.
On 4/14/11, I conducted a routine UST compliance inspection at this facility.
(Date)

PART ONE: Items identified in this part require immediate attention.

- Section 280**
- .10(e) Introduction of petroleum or petroleum products into an UST for which the owner does not hold a currently valid registration.
 - .20/.21 Failure to equip a permitted or upgraded site with spill, overfill, and corrosion protection.
 - .41(b)(1)(i) Failure to equip pressurized line with an automatic line leak detector.
 - .61(a) Failure to report a release.
 - .62 Failure to abate a confirmed release.

This situation is being referred to the Enforcement Section for further action.

Intent to Impose Fuel Delivery Prohibition

As a result of the above Part I violations and in accordance with UST Control Regulations, 61-92, Section 280.23(e), the Department intends to impose a prohibition against delivery of fuel to the out of compliance tank(s) if the Part I violation(s) has/have not be corrected by _____.

UST PROGRAM DOCKETING # 23

Section 280.

- ____ . 20(e) Failure to install tanks and piping in accordance with manufacturer's instructions.
- ____ . 20(g) Failure to provide required secondary containment.
- ____ . 20(g)(3) Failure to monitor secondary containment using Interstitial monitoring.
- ____ . 30(a) Failure to ensure that releases due to spilling or overfilling do not occur.
- ____ . 31(a) Failure to maintain and operate corrosion protection system.
- ____ . 31(b)(1) Failure to have cathodic protection system tested at least every 3 years.
- ____ . 31(c) Failure to inspect impressed current system every 60 days.
- ____ . 34(c) Failure to provide records to the Department upon request.
- ____ . 35(e) Failure to validate that monthly requirements have been performed.
- ____ . 35(f) Failure to physically visit each assigned facility once a quarter.
- ____ . 40(a) Failure to provide an adequate release detection method.
- ____ . 40(a)(2) Failure to properly maintain release detection equipment.
- ____ . 41(b)(1)(ii) Failure to conduct an annual line tightness test on pressurized line or have monthly monitoring.
- ____ . 41(b)(2) Failure to conduct a line tightness test at least every 3 years on a suction piping system.
- ____ . 43() Failure to conduct proper release detection using _____.
- ____ . 44(a) Failure to conduct annual test of automatic line leak detectors and/or sump sensors.
- ____ . 45(b)(1) Failure to maintain sampling, testing, or monitoring records for at least one year.
- ____ . 50 Failure to report a suspected release.
- ____ . 70(a) Failure to continue operation and maintenance of corrosion protection or appropriate release detection on a temporarily closed UST.
- ____ . 93 Failure to demonstrate financial responsibility.
- ____ . 111 Failure to maintain Certificate of Financial Responsibility on site.
- ____ . 44-2-60(a) Failure to display registration certificate.

Other

____ . ____
____ . ____

Failure to correct the deficiency(ies) identified on this page within 30 days may lead to delivery prohibition.

Part Three: Important Dates for your Site:

Cathodic Protection System test (3 years) Due Date 6/25/13

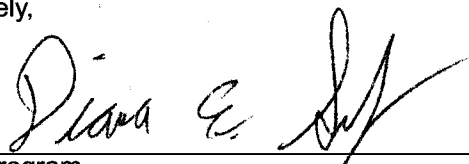
Line Leak Detector Function Check (annual) Due Date 3/23/12

Line Tightness Test (annual/3 years) Due Date 3/23/12

Sump Sensor Function Check (annual) Due Date _____

Financial Responsibility Expiration Date 11/1/11

Sincerely,

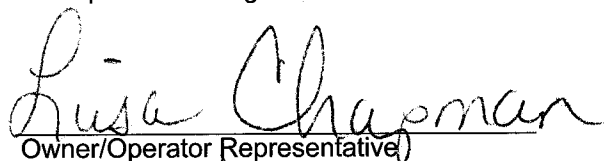


UST Program

11650

Permit ID #

Receipt acknowledged.



Owner/Operator Representative

Lisa Chapman

Print Name

4/14/11

Date

FACILITY: SOV A-10n PERMIT ID#: 11650 DATE: 4/14/11

Send the following:

- Repair and testing records for _____
- Proof of suction system check valve location
- Monthly tank and/or line monitoring records (ATGs, SIR, electronic leak detectors, etc.)
- _____
- If records (above) cannot be provided, either perform a tightness test for _____ or send in proof that the _____ tank(s) has/have been pumped to less than an inch of product.
- Impressed Current 60-day log for last 6 months
- Proof that all liquid has been removed from _____ sump(s) and disposed of properly
- Proof of sump repair and/or future water maintenance plan
- Proof of a new gauging stick
- Proof tank has been pumped to less than one inch of product/water
- Proof shear valves are anchored according to manufacturer's instructions _____
- _____
- Proof sump sensor(s) have been lowered to within one inch of the bottom of the sump _____
- Information on operator designation and training:
 A/B C
- Payment of Tank Fees
- Financial responsibility information
- Please contact the department immediately (803) 896-6650, in order to complete your Class A/B Operator retraining no later than the due date listed below

Run the following tests and send a copy of the results:

- Line leak detector function check
- Piping tightness test
- Tank tightness test
- Corrosion protection system test
- Sump sensor function check
- Site check (use the Assessment Guidelines)*
- _____
- Other _____

Install the following and send a copy of the invoice:

- Line leak detector
- Spill prevention equipment
- Overfill prevention equipment
- Corrosion protection on flex connectors
- Drop tube in fill pipe in DL disp.
- Other _____

Start doing the following:

- Remember to test on time
- Daily inventory measurements to 1/8"
- Monthly test using ATG
- Piping test with electronic leak detectors
- Manual tank gauging
- Maintain Impressed Current 60-day log
- Monthly water maintenance of sumps
- Monthly sump log (dispenser and/or STP)
- Report all non-passing release detection reports
- Monthly Class A/B operator requirements
- Quarterly Class A/B site visits
- Maintain Financial Responsibility Certificate on site
- Display Registration Certificate on site

Other: off Rd DL disp had a flex connector in soil - needs to be isolated from soil, All other DL disp. need to be checked for flex connectors in soil.

* Failure to do a site check as requested will result in violations 280.50 and 280.52

Please use the Permit ID # on correspondence.

This list identifies the actions needed to bring the facility into compliance. By 5/14/11 send proof of the corrective actions you have taken to: Date

Compliance Section, UST Program
 2600 Bull Street
 Columbia, South Carolina, 29201

(803) 896-7957
 Fax (803) 896-6245
 Website www.scdhec.gov/ust.



UST Compliance Inspection Checklist UST Management

TANK LEAK DETECTION

RECORDS AVAILABLE

PERMIT ID #:

11650

- ATG: Type TL5-350 R 12 most recent consecutive months pass Inches of Product in Tank(s): _____
- Interstitial Monitoring 8 of 12 with most recent 2 months _____
- SIR: Vendor _____ Other _____
- MTG Tank Tightness Test: _____ EOU TOS Other _____
- Vapor Monitoring
- Ground Water Monitoring Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec

BIG LEAK

PRESSURIZED PIPING LEAK DETECTION

LITTLE LEAK

- MLLD Function Check Date: 3/23/11 Annual Line Test Date: 3/23/11 SIR
- ELD Function Check Date: _____ Interstitial Monitoring _____ Both ends: Sensor Sensor and Visual Both ends: Visual
- Sump Sensor Function Check Date: _____
- ELD: Type: _____ 3.0 gph Yes No ELD: 0.2 gph _____ 0.1 gph _____

SUCTION PIPING LEAK DETECTION

- European Suction
- American Suction 3 Year Test Date: _____

Records Available

- 12 most recent consecutive months _____
- 8 of 12 with most recent 2 months _____
- Other _____

CORROSION PROTECTION

- Cathodic protection on metal systems; Dates of last two system tests: 6/25/10
- Impressed Current Rectifier On 0.9 Amp 25 Volts _____ Hours 60-day log kept NA
- at last system test _____ Amp _____ Volts _____ Hours CP form at site - not all pages available - not sure if CP system protects flexes.
- Sacrificial Anode Sti P-3
- Interior lining: Internal Inspect Date: _____
- Dispenser Flex Connectors and other metal protected by: Boot CP System Sump Isolation Not Protected N/A
- STP Flex connectors and other metal protected by: Boot CP System Sump Isolation Not Protected N/A

SUPPLIER INFORMATION

INSPECTION SCHEDULING

Y N

SURVEYS

Name: Echo/s oil

Contact Name: Junev

Address: _____

Time/Date: 3:42 pm 4/7/11

Phone: _____

Phone #: store #

- ASTs lookn
- Disp Sumps
- STP Sumps
- Vapor OK
- Vents OK
- Wells NO
- Drop Tube Present
- Leak detectors vented if required
- Spill buckets in good condition

Y N OPERATOR TRAINING

INFORMATION

- Class B Operator Present
- Name: _____
- Class C Operator Present
- Class C Operator Documented
- Monthly Checklist Completed
- Quarterly Visits Performed
- Retraining Performed

Retraining Details/Other Information

OVERFILL PREVENTION

- Drop Tube Shut Off Valve Verified
- Ball-Float Vent-Value
- Electronic Alarm Verified

COMMENTS:

Shear valves anchored. Rectifier log not available.
flex connector in off rd. DC disp. in soil - needs to
be isolated. And all other DC disp. need to be
checked. Need isolation from soil or CP form stating that flex

Inspector Initials: J.E.A. Date: 4/14/11 Financial Responsibility Cert. Registration Certificate

SCDHEC UST Management Tracking

For BILLABLE tanks only

4/14/11

Site Information for P-11650 Facility: SAV A TON

Bus. Address	3790 JOHN C CALHOUN MEMORIAL EASLEY SC 29640	Phone	864-269-2988	County	Pickens	District	Greenville EQC Office
Category	Retail Sales	Last Inspection	06/28/10	Trans. of Ownership	07/21/05		
Tank Owner	NSS INC						
Bus. Address	220 HEDGEWOOD TERR GREER SC 29650	Phone	864-238-5060	Financial Responsibility			
Operator	DHAND, VINOD			Financial Mechanism	Expiration Date		
Bus. Address	220 HEDGEWOOD TERRACE GREER SC 29650	Phone	864-244-1850	Self Insurance 280.101		01 November 2011	
Land Owner	CAMP, ELIZABETH						
Bus. Address	4340 GARMON RD NW ATLANTA GA 30327	Phone		<i>SV 112, 314</i>			
Tanks	5	Billable	5	Aband.	0	Other	0
	Compliance Operator(s)			ID	Training Date		

Tank No.	Const.	Operate	Notify	Variance	Compl.	Spill Det.	Aband.	Under Dispenser Cont.	Class	T Status	Capacity	Product	C Status	Left Gal.	Method	Tank Const. Mat.	Tank Protect.	Tank Cont. Meth.	Overfill Type	Age @ Notif.	Owner @ ABD	CAS No.	Chem.	Under Dispenser Cont.	Drop Tube	Tank Leak Det.	Pipe Const. Mat.	Pipe Protect.	Pipe Cont. Meth.	Piping Type	Dist. to Well	Pipe Leak Det.	Last Use
1	02/27/89	01/22/90	02/10/89		08/03/10	02/10/89		N	P	CIU	10,000	RUL	IN			SC	FC	SW	BFVV	0				N	N	ATG 02/06/07	SL	IC	SW	PR	300	LLD 03/23/10 LTT 03/23/10	CP 06/25/10
2	02/27/89	01/22/90	02/10/89		08/03/10	02/10/89		N	P	CIU	10,000	PLUS	IN			SC	FC	SW	BFVV	0				N	N	ATG 02/18/07	SL	IC	SW	PR	300	MAN	CP 06/25/10
3	02/27/89	01/22/90	02/10/89		08/03/10	02/10/89		N	P	CIU	10,000	PREM	IN			SC	FC	SW	BFVV	0				N	N	ATG 02/18/07	SL	IC	SW	PR	300	LLD 03/23/10 LTT 03/23/10	CP 06/25/10
4	02/27/89	01/22/90	02/10/89		08/03/10	02/10/89		Y	P	CIU	10,000	DL	IN			SC	FC	SW	BFVV	0				Y	Y	ATG	SL	IC	SW	PR	300	LLD 03/23/10 LTT 03/23/10	CP 06/25/10



UST Compliance Inspection Checklist
UST Management Division

Printed: 4/14/2015 10:02 AM

Inspection Result: Passed

Partial Inspection: No

Inspection Date: 4/14/2015

Arrive and Depart Times:

Facility ID:	11650	Inspector	SULZEN DIANA
Facility Name	Sav A Ton	Insp. Type	Compliance
Facility Address	3790 JOHN C CALHOUN MEMORIAL EASLEY, SC 29640 PICKENS County	Location	34.83183000, -82.49935000

CONTACTS

Contact Type	Contact Information
Land Owner	ELIZABETH, 4340 GARMON RD NW ATLANTA, GA 30327
Operator	VINOD, 220 HEDGEWOOD TERRACE GREER, SC 29650, Phone: 864-244-1850
Tank Owner	NSS INC , 220 HEDGEWOOD TERR GREER, SC 29650, Phone: 864-238-5060, Email: sapnadhand9530@gmail.com
Class B Operator	VINOD DHAND, 220 HEDGEWOOD TERRACE GREER, SC 29650, Phone: 864-238-5060, Email: sapnadhand9530@gmail.com sapnadhand621@hotmail.com Trained: 7/7/2011(DHEC) Assigned: 7/11/2011

SURVEYS

Survey Type	Result	Notes	Survey Type	Result	Notes
AST	Yes	1 K-kn tank	STP Sumps	No	no sumps
Wells	No	no well	Spill Bkt OK	Yes	
Vapor	No	yes on reg plus GN tanks. DL & KN stub out only	LLDs Vented	Yes	yes
Dispenser Sumps	No	no sumps	Vents	Yes	
Drop Tube	Yes				

OPERATOR TRAINING

Are all Class C Operators trained?	Yes	Monthly operator training log complete?	Yes
Is a list of all active Class C Operators at the facility?	Yes	Quarterly operator training log complete?	Yes

FINANCIAL RESPONSIBILITY

Is financial responsibility required?	Yes	Financial responsibility certificate at facility?	Yes
---------------------------------------	-----	---	-----

Type	Effective Date	Expiration Date	Amount
Self Insurance 280.101	2/11/2014	7/1/2015	25000

INSPECTOR COMMENTS

TANK INFORMATION

Tanks	Tank 1	Tank 2	Tank 3	Tank 4
Capacity	10000	10000	10000	10000
Tank Status	Currently in Use	Currently in Use	Currently in Use	Currently in Use
Notification Date	2/10/1989	2/10/1989	2/10/1989	2/10/1989
Tank Age (in years) at Notification	0	0	0	0

Tanks	Tank 1	Tank 2	Tank 3	Tank 4
Construction Date	2/27/1989	2/27/1989	2/27/1989	2/27/1989
Operation Date	1/22/1990	1/22/1990	1/22/1990	1/22/1990
Tank Class	Permitted	Permitted	Permitted	Permitted
Tank Construction Material	Steel Clad	Steel Clad	Steel Clad	Steel Clad
Tank Containment	Single wall	Single wall	Single wall	Single wall
Under Dispenser Containment	No	No	No	No
Tank Comment	tanks bonded into impressed current system	tanks bonded into impressed current system	tanks bonded into impressed current system	tanks bonded into impressed current system (on-rd)
Number of feet from Well	300	300	300	300
Distance from Well Comment				
Variance Granted Date				
Variance Comment				

Tanks	Tank 5			
Capacity	4000			
Tank Status	Currently in Use			
Notification Date	2/10/1989			
Tank Age (in years) at Notification	0			
Construction Date	2/27/1989			
Operation Date	1/22/1990			
Tank Class	Permitted			
Tank Construction Material	Steel Clad			
Tank Containment	Single wall			
Under Dispenser Containment	No			
Tank Comment	tanks bonded into impressed current system			
Number of feet from Well	300			
Distance from Well Comment				
Variance Granted Date				
Variance Comment				

COMPARTMENT/PIPING INFORMATION

Compartments	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Capacity	10000	10000	10000	10000
Compartment status	Currently in Use	Currently in Use	Currently in Use	Currently in Use
Comments				
Pipe construction material	Steel	Steel	Steel	Steel
Pipe containment method	Single wall	Single wall	Single wall	Single wall
Pipe type	Pressure	Pressure	Pressure	Pressure
Piping installed after 5/23/2008?				
Piping Comments	impressed current system installed on	impressed current system installed on	impressed current system installed on	impressed current system installed on

Compartments	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
	pipng August 25, 2003	pipng August 25, 2003	pipng August 25, 2003 This STP is used for back-up - not the primary one used for dispensing product. The way that the system is configured allows the piping for tanks 1 - 3 to be tested all together.	pipng August 25, 2003
Product	Gasoline RUL	Gasoline RUL	Gasoline RUL	Diesel fuel
CAS #				
Chemical Description				

Compartments	Tank 5(PREM)			
Capacity	4000			
Compartment status	Currently in Use			
Comments				
Pipe construction material	Steel			
Pipe containment method	Single wall			
Pipe type	Pressure			
Piping installed after 5/23/2008?				
Piping Comments	impressed current system installed on piping August 25, 2003			
Product	Gasoline Super/Prem			
CAS #				
Chemical Description				

DISPENSER INFORMATION

Dispensers	Dispenser #1(1/2)	Dispenser #2(3/4)	Dispenser #3(5)	Dispenser #4(6)
Dispenser ID	1/2	3/4	5	6
Compartments	5(PREM), 3(RUL), 2(RUL), 1(RUL)	5(PREM), 3(RUL), 2(RUL), 1(RUL)	5(PREM), 3(RUL), 2(RUL), 1(RUL)	5(PREM), 3(RUL), 2(RUL), 1(RUL)
Was the dispenser or attached piping installed after 5/23/2008?	No	No	No	No
Any pressured piping?	Yes	Yes	Yes	Yes
All European suction piping?				
Shear valves installed at the correct height?	Yes	Yes	Yes	Yes
Shear valves securely anchored?	Yes	Yes	Yes	Yes
Is under dispenser containment/monitoring required?	No	No	No	No
Are containment sumps present?	No	No	No	No
Sump construction				

Dispensers	Dispenser #1(1/2)	Dispenser #2(3/4)	Dispenser #3(5)	Dispenser #4(6)
material				
Is the containment sump monitored?				
Is the sump used for piping leak detection?				
Monitoring Type				
Sump sensor function check date				

Dispensers	Dispenser #5(7/8)	Dispenser #6(9/10)	Dispenser #7(11)	Dispenser #8(Sat 11)
Dispenser ID	7/8	9/10	11	Sat 11
Compartments	5(PREM), 3(RUL), 2(RUL), 1(RUL)	5(PREM), 3(RUL), 2(RUL), 1(RUL)	4(DL)	4(DL)
Was the dispenser or attached piping installed after 5/23/2008?	No	No	No	No
Any pressured piping?	Yes	Yes	Yes	Yes
All European suction piping?				
Shear valves installed at the correct height?	Yes	Yes	Yes	Yes
Shear valves securely anchored?	Yes	Yes	Yes	Yes
Is under dispenser containment/monitoring required?	No	No	No	No
Are containment sumps present?	No	No	No	No
Sump construction material				
Is the containment sump monitored?				
Is the sump used for piping leak detection?				
Monitoring Type				
Sump sensor function check date				

Dispensers	Dispenser #9(DL)	Dispenser #10(12)	Dispenser #11(Sat 12)	
Dispenser ID	DL	12	Sat 12	
Compartments	4(DL)	4(DL)	4(DL)	
Was the dispenser or attached piping installed after 5/23/2008?	No	No	No	
Any pressured piping?	Yes	Yes	Yes	
All European suction piping?				
Shear valves installed at the correct height?	Yes	Yes	Yes	
Shear valves securely anchored?	Yes	Yes	Yes	
Is under dispenser containment/monitoring required?	No	No	No	
Are containment sumps present?	No	No	No	

Dispensers	Dispenser #9(DL)	Dispenser #10(12)	Dispenser #11(Sat 12)	
Sump construction material				
Is the containment sump monitored?				
Is the sump used for piping leak detection?				
Monitoring Type				
Sump sensor function check date				

CORROSION PROTECTION

Tank Corrosion Protection	Tank 1	Tank 2	Tank 3	Tank 4
Tank Construction Material	Steel Clad	Steel Clad	Steel Clad	Steel Clad
Corrosion Protection Method	Fiberglass Coating	Fiberglass Coating	Fiberglass Coating	Fiberglass Coating
if other, description				
Previous passing CP test date				
Current passing CP test date				

Tank Corrosion Protection	Tank 5			
Tank Construction Material	Steel Clad			
Corrosion Protection Method	Fiberglass Coating			
if other, description				
Previous passing CP test date				
Current passing CP test date				

Pipe Corrosion Protection	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Pipe Construction Material	Steel	Steel	Steel	Steel
CP method	Impressed Current	Impressed Current	Impressed Current	Impressed Current
if other, description				
Previous passing CP test date	11/19/2014	11/19/2014	11/19/2014	11/19/2014
Current passing CP test date				

Pipe Corrosion Protection	Tank 5(PREM)			
Pipe Construction Material	Steel			
CP method	Impressed Current			
if other, description				
Previous passing CP test date	11/19/2014			
Current passing CP test date				

STP Corrosion Protection	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Pipe Construction Material	Steel	Steel	Steel	Steel
Flex connector, piping extensions, and/or other				

STP Corrosion Protection	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
metal fittings present?				
Is soil or water currently in contact with metal components?				
Are metal components protected from corrosion?				
Metal components corrosion protection method				

STP Corrosion Protection	Tank 5(PREM)			
Pipe Construction Material	Steel			
Flex connector, piping extensions, and/or other metal fittings present?				
Is soil or water currently in contact with metal components?				
Are metal components protected from corrosion?				
Metal components corrosion protection method				

Dispenser Corrosion Protection	Dispenser #1(1/2)	Dispenser #2(3/4)	Dispenser #3(5)	Dispenser #4(6)
Flex connector, piping extensions, and/or other metal fittings present?				
Is soil or water currently in contact with metal components?				
Are flex connectors, piping extensions and/or other metal fittings protected from corrosion?				
Corrosion protection method				

Dispenser Corrosion Protection	Dispenser #5(7/8)	Dispenser #6(9/10)	Dispenser #7(11)	Dispenser #8(Sat 11)
Flex connector, piping extensions, and/or other metal fittings present?				
Is soil or water currently in contact with metal components?				
Are flex connectors, piping extensions and/or other metal fittings protected from corrosion?				
Corrosion protection method				

Dispenser Corrosion Protection	Dispenser #9(DL)	Dispenser #10(12)	Dispenser #11(Sat 12)	
Flex connector, piping extensions, and/or other metal fittings present?				
Is soil or water				

Dispenser Corrosion Protection	Dispenser #9(DL)	Dispenser #10(12)	Dispenser #11(Sat 12)	
currently in contact with metal components?				
Are flex connectors, piping extensions and/or other metal fittings protected from corrosion?				
Corrosion protection method				

Impressed Current Systems	System # 1
Applies to Tanks	1, 2, 3, 4, 5
Current voltage	40
Current amperage	1.4
Are the last three 60-day readings available?	Yes
Is the rectifier on and system operating properly?	Yes
Are the impressed current system's wires exposed or damaged?	No
Hour meter installed	No
Hour meter reading	

Spill/Overfill Details	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Does the compartment have Stage I vapor recovery?	Yes	Yes	No	No
Do the piping/dispensers have Stage II vapor recovery?	No	No	No	No

Spill/Overfill Details	Tank 5(PREM)			
Does the compartment have Stage I vapor recovery?	No			
Do the piping/dispensers have Stage II vapor recovery?	No			

Local Fill	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Are all deliveries less than 25 gallons?	No	No	No	No
Does tank compartment have a remote fill?	No	No	No	No
Is spill prevention equipment provided?	Yes	Yes	Yes	Yes
Spill prevention verified date	2/10/1989	2/10/1989	2/10/1989	2/10/1989
Is the spill bucket operating properly?	Yes	Yes	Yes	Yes
Is a site check required?				
Is a hydrostatic test required?				

Local Fill	Tank 5(PREM)			
Are all deliveries less than 25 gallons?	No			
Does tank compartment have a remote fill?	No			
Is spill prevention equipment provided?	Yes			
Spill prevention verified date	2/10/1989			
Is the spill bucket operating properly?	Yes			
Is a site check required?				
Is a hydrostatic test required?				

Overfill Control	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Is a drop tube present?	Yes	Yes	Yes	Yes
Is an overfill device	Yes	Yes	Yes	Yes

Overfill Control	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
present?				
Overfill type	Ball Float Vent Valve	Ball Float Vent Valve	Ball Float Vent Valve	Ball Float Vent Valve
Pressurized(short truck) deliveries only?				
Overfill prevention plan?				
Overfill verified date	2/10/1989	2/10/1989	2/10/1989	2/10/1989
Is the overfill device operating properly?	Yes	Yes	Yes	Yes
Overfill bypassed?				

Overfill Control	Tank 5(PREM)			
Is a drop tube present?	Yes			
Is an overfill device present?	Yes			
Overfill type	Ball Float Vent Valve			
Pressurized(short truck) deliveries only?				
Overfill prevention plan?				
Overfill verified date	2/10/1989			
Is the overfill device operating properly?	Yes			
Overfill bypassed?				

LEAK DETECTION

Tanks	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Primary leak detection method	Automatic tank gauge	Automatic tank gauge	Automatic tank gauge	Automatic tank gauge
Requirement	Monthly Monitoring	Monthly Monitoring	Monthly Monitoring	Monthly Monitoring
Equipment operating properly	Yes	Yes	Yes	Yes
Previous Tank Tightness Test	2/6/2007	2/18/2007	2/18/2007	
Current Tank Tightness Test				
Comments	TLS-350R	TLS-350R	TLS-350R	TLS-350R
Secondary leak detection method				
Previous Tank Tightness Test				
Current Tank Tightness Test				
Comments				

Tanks	Tank 5(PREM)			
Primary leak detection method	Automatic tank gauge			
Requirement	Monthly Monitoring			
Equipment operating properly	Yes			
Previous Tank Tightness Test				
Current Tank				

Tanks	Tank 5(PREM)			
Tightness Test				
Comments	TLS-350R			
Secondary leak detection method				
Previous Tank Tightness Test				
Current Tank Tightness Test				
Comments				

Big Leak Piping	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Piping type	Pressure	Pressure	Pressure	Pressure
Big leak detection method	Mechanical Line Leak Detector	Manifolded	Mechanical Line Leak Detector	Mechanical Line Leak Detector
Requirement	Annual Function Check	None	Annual Function Check	Annual Function Check
Equipment operating properly	Yes	Yes	Yes	Yes
Compatible with substance	Yes	Yes	Yes	Yes
Previous LLD function check	3/21/2014		3/21/2014	3/21/2014
Current LLD function check	3/18/2015		3/18/2015	3/18/2015
Comments		tank 1 manifold to tank #2		

Big Leak Piping	Tank 5(PREM)			
Piping type	Pressure			
Big leak detection method	Mechanical Line Leak Detector			
Requirement	Annual Function Check			
Equipment operating properly	Yes			
Compatible with substance	Yes			
Previous LLD function check	3/21/2014			
Current LLD function check	3/18/2015			
Comments				

Little Leak Piping	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Little leak detection method	Line Tightness Test		Line Tightness Test	Line Tightness Test
Requirement	Annual Line Tightness Test		Annual Line Tightness Test	Annual Line Tightness Test
Equipment operating properly	Yes		Yes	Yes
Previous LTT test	3/21/2014		3/21/2014	3/21/2014
Current LTT test	3/18/2015		3/18/2015	3/18/2015
Comments				
Secondary little leak method				
Requirement				
Equipment operating properly				

Little Leak Piping	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Previous test				
Current test				
Comments				

Little Leak Piping	Tank 5(PREM)			
Little leak detection method	Line Tightness Test			
Requirement	Annual Line Tightness Test			
Equipment operating properly	Yes			
Previous LTT test	3/21/2014			
Current LTT test	3/18/2015			
Comments				
Secondary little leak method				
Requirement				
Equipment operating properly				
Previous test				
Current test				
Comments				

Automatic Tank Gauge	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
2015 Apr	Pass	Pass	Pass	Pass
2015 Mar	Pass	Pass	Pass	Pass
2015 Feb	Pass	Pass	Pass	Pass
2015 Jan	Pass	Pass	Pass	Pass
2014 Dec	Pass	Pass	Pass	Pass
2014 Nov	Pass	Pass	Pass	Pass
2014 Oct	Pass	Pass	Pass	Pass
2014 Sep	Pass	Pass	Pass	Pass
2014 Aug	Pass	Pass	Pass	Pass
2014 Jul	Pass	Pass	Pass	Pass
2014 Jun	Pass	Pass	Pass	Pass
2014 May	Pass	Pass	Pass	Pass

Automatic Tank Gauge	Tank 5(PREM)			
2015 Apr	Pass			
2015 Mar	Pass			
2015 Feb	Pass			
2015 Jan	Pass			
2014 Dec	Pass			
2014 Nov	Pass			
2014 Oct	Pass			
2014 Sep	Pass			
2014 Aug	Pass			
2014 Jul	Pass			
2014 Jun	Pass			
2014 May	Pass			

TRANSPORTER/FUEL DELIVERY INFORMATION

Delivery Information	Tank 1(RUL)	Tank 2(RUL)	Tank 3(RUL)	Tank 4(DL)
Any unauthorized deliveries?	No	No	No	No
Any deliveries made to tanks under delivery prohibition?				

Delivery Information	Tank 5(PREM)			
Any unauthorized deliveries?	No			
Any deliveries made to tanks under delivery prohibition?				

Name	Supplier/Transporter	Address	Phone
Echols Oil	Supplier		

SITE DIAGRAM

No Site Diagram Created



UNDERGROUND STORAGE TANK MANAGEMENT DIVISION
BUREAU OF LAND AND WASTE MANAGEMENT

2600 Bull Street
Columbia, SC 29201
Telephone (803) 898-0589
Fax (803) 898-0673

MEMORANDUM

To: Robert McDaniel, Manager
Enforcement Section

Date: September 14, 2016

Re: Enforcement Referral

Type: circle one **Part II** / Part I



UST Permit # 11650

Facility Name: Sav A Ton

Owner/Operator: Vinod Dhand, NSS Inc, 220 Hedgewood Terrace Greer, SC 29650

Unresolved Regulatory Citation:

280.72(c) Failure to submit closure report after tank(s) have been removed

Requested Information Still Needed: Closure Report

Tank Status: circle one CIU, EOU, **ABD**, P74, POS, RNU, TOS

Are there any Tank Ownership Issues? : X Yes No If yes please explain. We were made aware by the contractor, Wilmas Pump and Tank that there may be an ownership dispute between Vinod Dhand (tank owner) and Elizabeth Camp (the land owner). I have been unable to reach the tank owner or the land owner. I have also reached out and left a message for Ralph Whaley at Wilmas but have received no response.

Are there any other persons being dealt with other than the tank owner? X Yes No
If yes please list name and relationship Elizabeth Camp (land owner), Ralph Whaley (removal contractor)

Referred By: Alison M. Post *dmp* Date: 9/14/16

Section Manager's Approval: *[Signature]* Date: 9/14/16

Division Director's Approval: *[Signature]* Date: 9/14/2016



August 3, 2016

CERTIFIED MAIL

9214 8969 0099 9790 1405 5728 09

Vinod Dhand
NSS Inc
220 Hedgewood Terrace
Greer, SC 29650

Re: **Notice of Alleged Violation** Permit #11650

Abandoned Underground Storage Tanks (UST) located at Sav A Ton, 3790 John C Calhoun Memorial Blvd, Easley, SC

Dear Tank Owner:

The tanks at this location were removed on May 5, 2016. The South Carolina Underground Storage Tank Control Regulations state: "*Before permanent **closure** or a change-in-service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the UST site.*"

To this date, we have not received the required environmental closure assessment. Please submit the results of the assessment to my attention at the UST Program no later than **September 2, 2016.**

If you have any questions, please contact me at the above address or by calling (803) 898-0587. Thank you in advance for your attention to this matter.

Sincerely,

A handwritten signature in cursive script that reads "Alison Post".

Alison M. Post, M.S.
Permitting/Operator Training Coordinator
UST Management Division
Bureau of Land and Waste Management

UST Docket 11650
44R



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Tracking Number: **92148969009997901405572809**

Product & Tracking Information

Postal Product:
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Features:
Certified Mail™

Available Actions

[Return Receipt Electronic](#)

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[Email Updates](#)

DATE & TIME	STATUS OF ITEM	LOCATION
August 6, 2016 , 1:05 pm	Delivered, Left with Individual	GREER, SC 29650
Your item was delivered to an individual at the address at 1:05 pm on August 6, 2016 in GREER, SC 29650.		
August 5, 2016	Redelivery Scheduled	GREER, SC 29650
August 5, 2016 , 10:45 am	Notice Left (No Authorized Recipient Available)	GREER, SC 29650
August 5, 2016 , 10:23 am	Out for Delivery	GREER, SC 29650
August 5, 2016 , 10:13 am	Sorting Complete	GREER, SC 29650
August 5, 2016 , 7:35 am	Arrived at Unit	GREER, SC 29650
August 4, 2016 , 10:35 pm	Departed USPS Facility	GREENVILLE, SC 29607
August 4, 2016 , 11:21 am	Arrived at USPS Facility	GREENVILLE, SC 29607
August 3, 2016 , 6:44 pm	Arrived at USPS Facility	COLUMBIA, SC 29201
August 3, 2016 , 5:29 pm	Accepted at USPS Origin Facility	COLUMBIA, SC 29201

Track Another Package

Tracking (or receipt) number

[Track It](#)

Manage Incoming Packages

Track all your packages from a dashboard. No tracking numbers necessary.

[Sign up for My USPS >](#)



FormEditor.txt

9/13/16: cannot reach tank owner; left message for Ralph whaley (the indicated
closure contractor on the tank and sludge form)

8/2/16: missing cr

Site Name/ID# Sau a ten 11650
 Release # _____ For UST# _____ Release Report Date 9-16-16
 County Pickens

Free Product Reported? Yes/No **Impacted water supply well reported? Yes/No**
 Receptor w/in 1000 feet of UST system? (Well, Surface water body, wetland, other)

Triage (Indicate type of submittal)

CR
 AR _____

Worst Case Sample	RBSL (mg/kg)	(ug/kg)	Soil #	RBSL (ug/l)	Water (ug/l)/#
Benzene	.007	7	<u>PL-12</u> <u>.121</u>	5	_____
Toluene	1.45	1450	<u>4.82</u>	1000	_____
Ethylbenzene	1.15	1150	<u>7.9</u>	700	_____
Xylenes	14.5	1450	<u>51.2</u>	10,000	_____
Naphthalene (8260)	.036	36	<u>8.35</u>	25	_____
Naphthalene (8270)	.036	36	<u>.976</u>	25	_____

PAH's

Benzo(a)anthracene	.66	660	<u>ND</u>	_____	_____
Benzo(b)flouranthene	.66	660	<u>.00889</u>	_____	_____
Benzo(k)flouranthene	.66	660	<u>ND</u>	_____	_____
Chrysene	.66	660	<u> </u>	_____	_____
Dibenz(a,h)anthracene	.66	660	_____	_____	_____

Other

MTBE (water only)	40	_____
1,2-DCA	5	_____
EDB	.05	_____
Other _____	_____	_____

POTENTIAL SC DENIAL? YES / NO

- All USTs Registered? Yes / No / NA
- All Applicable Annual Fees Paid? Yes / No / NA
- Financial Responsibility Mechanism verified? Yes / No / NA Type Self
- Insurance Statement Requested? Yes / No / NA Received? Yes/No 10-2-16
- UST Status (account for all USTs in database)
 - 5 USTs Permanently Closed Date Closed _____ Last Used Date _____
 - ____ USTs CIU & Passed TT Date Tested _____ Date Repaired _____
- RP - Owner signature? Yes / No
- Site Map Requested? Yes/No Received? Yes / No
- AST's present? Yes/No 1000 Rejo

NFA? Yes _____ No
 Manager Approval _____

South Carolina Department of Health and Environmental Control (SCDHEC)
Underground Storage Tank (UST) Assessment Report

Submit Completed Form To:

UST Program
 SCDHEC
 2600 Bull Street
 Columbia, South Carolina 29201
 Telephone (803) 734-5331



Date Received
State Use Only

I. OWNERSHIP OF UST(S)

NSS Inc.		
Owner Name (Corporation, Individual, Public Agency, Other)		
220 Hedgewood Terrace		
Mailing Address		
Greer	SC	29650
City	State	Zip Code
864	238-5060	Vinod Dhand
Area Code	Telephone Number	Contact Person

II. SITE IDENTIFICATION AND LOCATION

11650	
Site I.D.#	
Sav-A-Ton	
Facility Name or Company Site Identifier	
3790 John C Calhoun Memorial Highway	
Street Address or State Road (as applicable)	
Easley	Pickens
City	County

III. CLOSURE INFORMATION

4/25/16	5/6/16	5
Closure Started	Closure Completed	Number of USTs Closed
S&ME, Inc.	Wilma's Pump and Tank Co., Inc.	
Consultant	UST Removal Contractor	

IV. CERTIFICATION (To be signed by the UST owner/operator.)

I certify that I have personally examined and am familiar with the information submitted in this and all attached documents; and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.	
Name (Type or print.) _____	
Signature _____	

V. UST INFORMATION

	Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
A. Product.....	Gas	Gas	Gas	Diesel	Gas
B. Capacity.....	10,000	10,000	10,000	10,000	4,000
C. Age.....	27	27	27	27	27
D. Construction Material.....	Fiberglass clad Steel	Fiberglass clad Steel	Fiberglass clad Steel	Fiberglass clad Steel	Fiberglass clad Steel
E. Month/Year of Last Use.....	Nov-2015	Nov-2015	Nov-2015	Nov-2015	Nov-2015
F. Depth (ft.) To Base of Tank.....	10	10	10	10	10
G. Spill Prevention Equipment Y/N.....	Yes	Yes	Yes	Yes	Yes
H. Overfill Prevention Equipment Y/N.....	Yes	Yes	Yes	Yes	Yes
I. Method of Closure Removed/Filled....	Removed	Removed	Removed	Removed	Removed
J. Visible Corrosion or Pitting Y/N.....	No	No	No	No	No
K. Visible Holes Y/N.....	No	No	No	No	No

L. Method of disposal for any USTs removed from the ground (attach disposal manifests)

The USTs were rendered unusable.

M. Method of disposal for any liquid petroleum, sludges, or waste waters removed from the USTs (attach disposal manifests)

Approximately 500 gallons of fuel and sludge were disposed by JBR Environmental Services, Inc.

N. If any corrosion, pitting, or holes were observed, describe the location and extent for each UST.

No noticeable holes were noted.

See photographs enclosed herein.

VI. PIPING INFORMATION

- A. Construction Material.....
- B. Distance from UST to Dispenser.....
- C. Number of Dispensers.....
- D. Type of System P/S.....
- E. Was Piping Removed from the Ground? Y/N
- F. Visible Corrosion or Pitting Y/N.....
- G. Visible Holes Y/N.....
- H. Age.....

Tank 1	Tank 2	Tank 3	Tank 4	Tank 5
Steel	Steel	Steel	Steel	Steel
70 to 175	70 to 175	70 to 175	16 to 44	70 to 175
6	6	6	5	6
P	P	P	P	P
Y	Y	Y	Y	Y
N	N	N	N	N
N	N	N	N	N
27	27	27	27	27

- I. If any corrosion, pitting, or holes were observed, describe the location and extent for each line.

None observed

VII. BRIEF SITE DESCRIPTION AND HISTORY

The site has been operated for retail sale of motor fuels since 1989.

VIII. SITE CONDITIONS

	Yes	No	Unk
<p>A. Were any petroleum-stained or contaminated soils found in the UST excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate depth and location on the site map.</p>	X		
<p>B. Were any petroleum odors detected in the excavation, soil borings, trenches, or monitoring wells?</p> <p>If yes, indicate location on site map and describe the odor (strong, mild, etc.)</p>	X		
<p>C. Was water present in the UST excavation, soil borings, or trenches?</p> <p>If yes, how far below land surface (indicate location and depth)?</p> <p>_____</p>		X	
<p>D. Did contaminated soils remain stockpiled on site after closure?</p> <p>If yes, indicate the stockpile locatin on the site map.</p> <p>Name of DHEC representative authorizing soil removal:</p> <p>_____</p>		X	
<p>E. Was a petroleum sheen or free product detected on any excavation or boring waters?</p> <p>If yes, indicate location and thickness.</p>		X	

No visible contamination was noted, just random petroleum odors were noted.

IX. SAMPLE INFORMATION

A.

SCDHEC Lab Certification Number

84004

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA#
TP-1	Southeast area of tank pit	Soil	Clayey silt	12 ft	4/26/16 @ 1015	S&ME	4200
TP-2	Southeast area of tank pit	Soil	Clayey silt	12 ft	4/26/16 @ 1025	S&ME	0.2
TP-3	Southwest area of tank pit	Soil	Clayey silt	12 ft	4/26/16 @ 1035	S&ME	67
TP-4	West area of tank pit	Soil	Clayey silt	12 ft	4/26/16 @ 1045	S&ME	33
TP-5	West area of tank pit	Soil	Clayey silt	12 ft	4/26/16 @ 1055	S&ME	78
TP-6	Northwest area of tank pit	Soil	Clayey silt	12 ft	4/26/16 @ 1105	S&ME	56
D-1	Western gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 0930	S&ME	0.0
PL-3	Western product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 0940	S&ME	11.3
PL-4	Western product line	Soil	Clayey silt	6 ft	5/9/16 @ 1000	S&ME	3.0
PL-5	Central product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1010	S&ME	0.1
D-3	Western gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1030	S&ME	0.3
D-2	Western gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1040	S&ME	0.7
PL-1	Western product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1055	S&ME	0.3
PL-2	Western product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1115	S&ME	6.1
PL-6	Central product line	Soil	Clayey silt	6 ft	5/9/16 @ 1120	S&ME	1.1

* = Depth Below the Surrounding Land Surface

IX. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84004

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA#
PL-7	Central product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1130	S&ME	1.6
D-4	Central gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1140	S&ME	2.1
PL-8	Central product line	Soil	Clayey silt	6 ft	5/9/16 @ 1340	S&ME	94
PL-9	Eastern product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1350	S&ME	45
PL-10	Eastern product line	Soil	Clayey silt	6 ft	5/9/16 @ 1400	S&ME	14.4
D-5	Eastern gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1410	S&ME	12.1
PL-11	Eastern product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1420	S&ME	17.8
PL-12	Eastern product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1430	S&ME	2133
D-6	Eastern gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1440	S&ME	35
D-7	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1450	S&ME	90
D-8	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1500	S&ME	58
D-9	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1510	S&ME	157
D-10	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1520	S&ME	38.7
D-11	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1530	S&ME	29

* = Depth Below the Surrounding Land Surface

X. SAMPLING METHODOLOGY

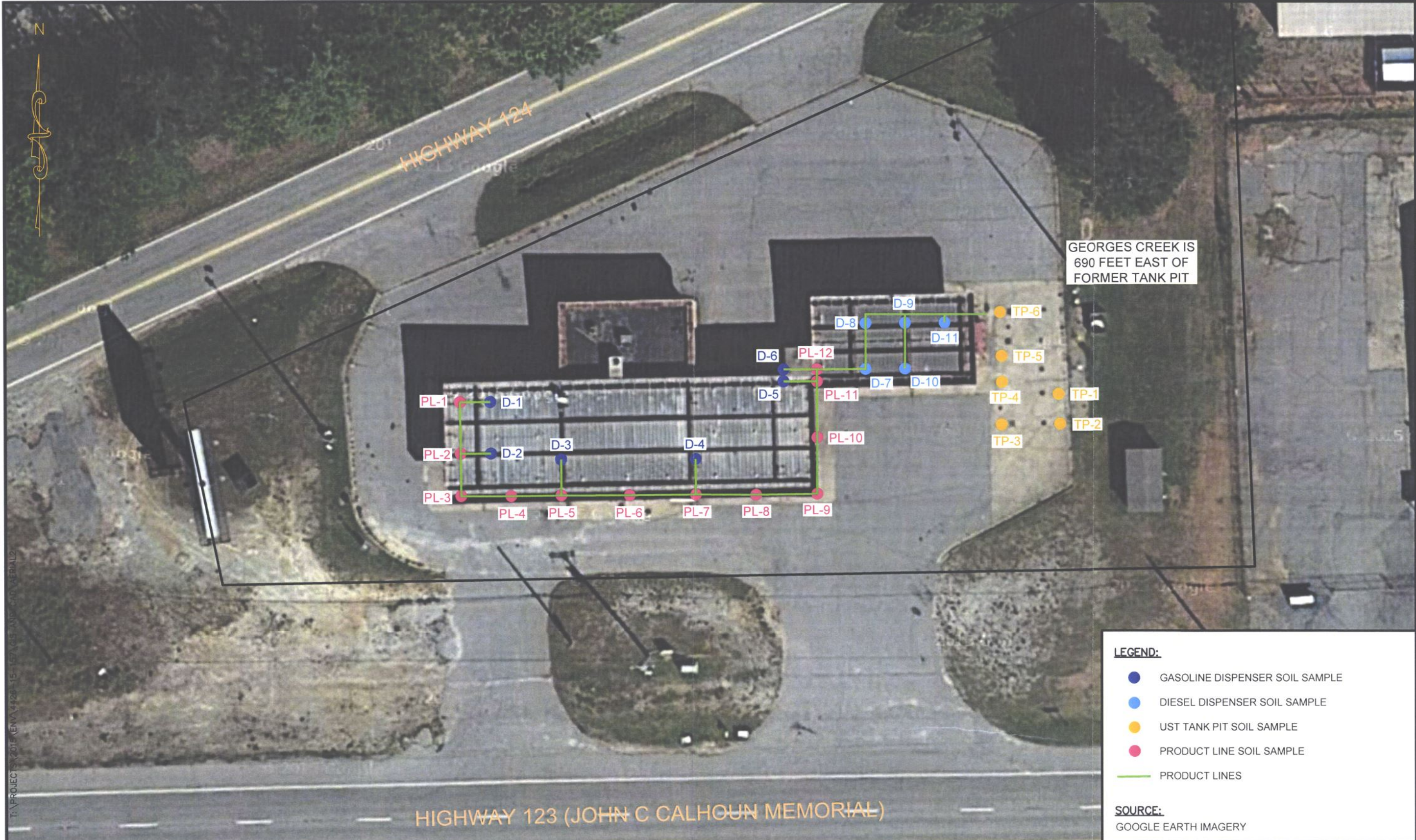
Provide a detailed description of the methods used to collect and store (preserve) the samples. Please use the space provided below.

New nitrile gloves were donned prior to collection of each soil sample. The tank pit samples were collected with a trackhoe bucket. The product line samples were collected by a combination of small trackhoe and hand auger. Each sample was immediately placed into a new gallon-size baggie and placed on ice until the sample was transferred to laboratory containers. The containers were placed into a cooler with ice and transported to S&ME's Spartanburg office until the samples were shipped to the laboratory. The samples for VOC analysis were preserved with sodium bisulfate and methanol.

XI. RECEPTORS

		Yes	No
A.	<p>Are there any lakes, ponds, streams, or wetlands located within 1000 feet of the UST system?</p> <p>If yes, indicate type of receptor, distance, and direction on site map.</p>	X	
B.	<p>Are there any public, private, or irrigation water supply wells within 1000 feet of the UST system?</p> <p>If yes, indicate type of well, distance, and direction on site map.</p>		X
C.	<p>Are there any underground structures (e.g. basements) located within 100 feet of the UST system?</p> <p>If yes, indicate the type of structure, distance, and direction on site map.</p>		X
D.	<p>Are there any underground utilities (e.g., telephone, electricity, gas, water, sewer, storm drain) located within 100 feet of the UST system that could potentially come in contact with the contamination?</p> <p>If yes, indicate the type of utility, distance, and direction on the site map.</p>		X
E.	<p>Has contaminated soil been identified at a depth less than 3 feet below land surface in an area that is not capped by asphalt or concrete?</p> <p>If yes, indicate the area of contaminated soil on the site map.</p>	X*	

* Some limited soil contamination is approximately two feet deep under former dispensers that have been backfilled with gravel.

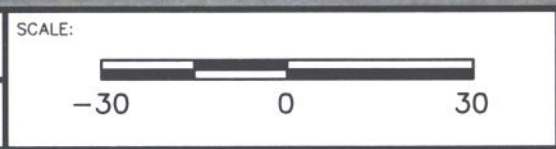


GEORGES CREEK IS
690 FEET EAST OF
FORMER TANK PIT

- LEGEND:**
- GASOLINE DISPENSER SOIL SAMPLE
 - DIESEL DISPENSER SOIL SAMPLE
 - UST TANK PIT SOIL SAMPLE
 - PRODUCT LINE SOIL SAMPLE
 - PRODUCT LINES

SOURCE:
GOOGLE EARTH IMAGERY

DRAWN BY: NDW	CHECKED BY: JWW
PROJECT NO.: 4226-15-157	DATE: JUNE 2016





S&ME, Inc.
GREENVILLE, SC
SPARTANBURG, SC

864.574.2360 Spartanburg
864.232.8987 Greenville
864.576.8730 Fax

www.smeinc.com

UST CLOSURE ASSESSMENT SAV-A-TON 3790 JOHN C CALHOUN HIGHWAY EASLEY, SOUTH CAROLINA	FIGURE NO. 1
--	---

			Date: 4/26/16
			Photographer: Nathan Williams
1	Location / Orientation	Southeastern portion of the site	
	Remarks	View of the four removed gasoline USTs	

			Date: 4/26/16
			Photographer: Nathan Williams
2	Location / Orientation	Southeaster portion of the site	
	Remarks	View of the four removed gasoline USTs and one diesel UST.	

		Date: 4/26/16
		Photographer: Nathan Williams
3	Location / Orientation	Southeastern portion of the site
	Remarks	View of some of the removed dispensers

		Date: 4/26/16
		Photographer: Nathan Williams
4	Location / Orientation	Southeastern portion of the site
	Remarks	View of the four removed gasoline USTs and one diesel UST.

May 05, 2016

S&ME Inc. - Spartanburg SC

Sample Delivery Group: L831928
Samples Received: 04/27/2016
Project Number: 4226-15-157
Description: Say-A-Ton

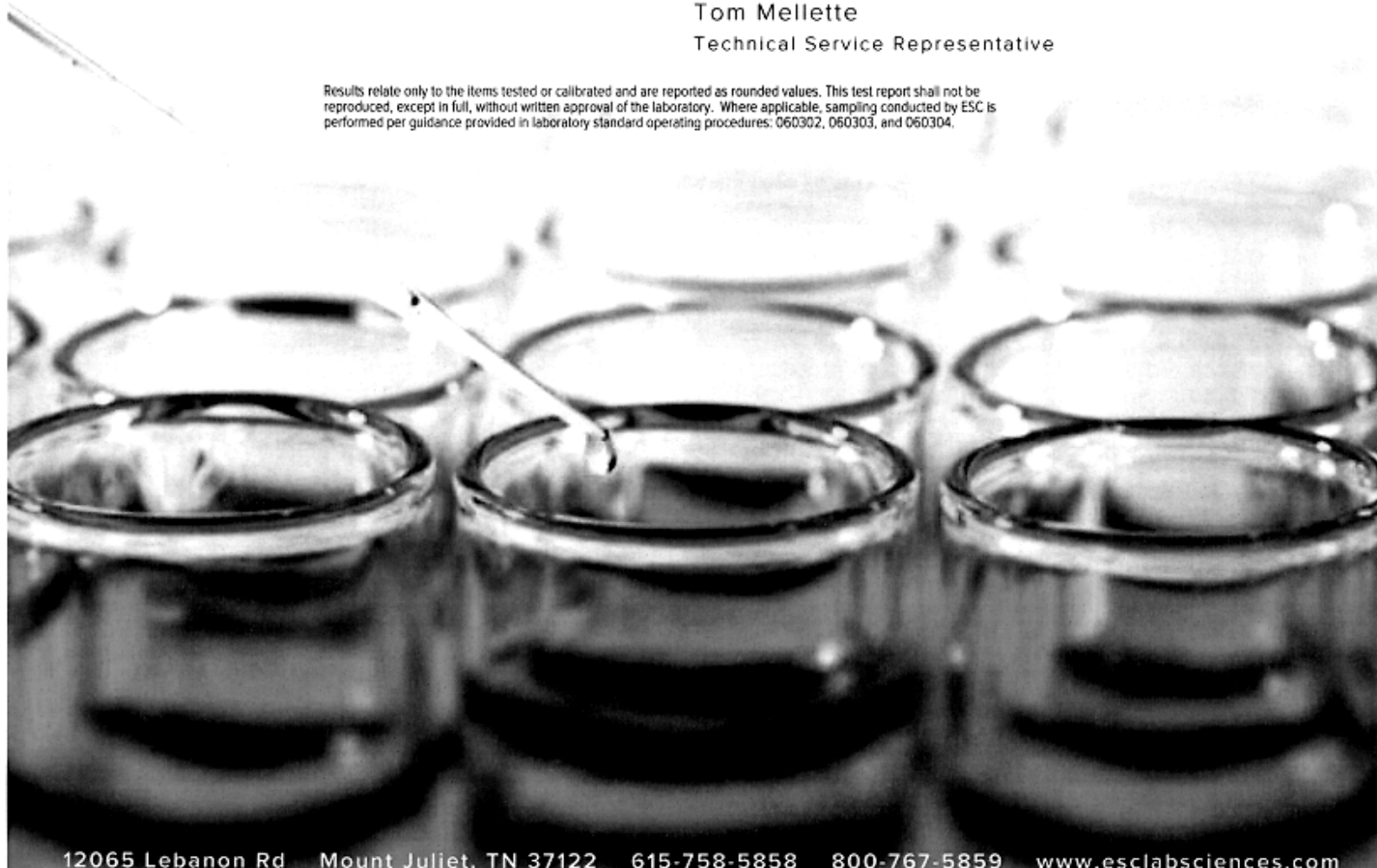
Report To: John Whitehead
301 Zima Park Drive
Spartanburg, SC 29301

Entire Report Reviewed By:



Tom Mellette
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



¹ Cp: Cover Page	1	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">¹Cp</div>
² Tc: Table of Contents	2	<div style="background-color: black; color: white; border: 1px solid black; padding: 2px; width: 30px; margin: auto;">²Tc</div>
³ Ss: Sample Summary	3	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">³Ss</div>
⁴ Cn: Case Narrative	4	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">⁴Cn</div>
⁵ Sr: Sample Results	5	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">⁵Sr</div>
TP-1 L831928-01	5	
TP-2 L831928-02	6	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">⁶Qc</div>
TP-3 L831928-03	7	
TP-4 L831928-04	8	
TP-5 L831928-05	9	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">⁷Gl</div>
TP-6 L831928-06	10	
⁶ Qc: Quality Control Summary	11	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">⁸Al</div>
Total Solids by Method 2540 G-2011	11	
Volatile Organic Compounds (GC/MS) by Method 8260B	12	<div style="border: 1px solid black; padding: 2px; width: 30px; margin: auto;">⁹Sc</div>
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	14	
⁷ Gl: Glossary of Terms	16	
⁸ Al: Accreditations & Locations	17	
⁹ Sc: Chain of Custody	18	

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

TP-1 L831928-01 Solid						Collected by Nathan Williams	Collected date/time 04/26/16 10:15	Received date/time 04/27/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG869295	1	05/02/16 17:13	05/04/16 01:42	KMP			
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG869295	20	05/02/16 17:13	05/04/16 16:37	KMP			
Total Solids by Method 2540 G-2011	WG868466	1	04/28/16 16:38	04/28/16 16:48	MEL			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868191	505	04/30/16 21:56	05/01/16 09:35	BMB			

TP-2 L831928-02 Solid						Collected by Nathan Williams	Collected date/time 04/26/16 10:25	Received date/time 04/27/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG869295	1	05/02/16 17:13	05/04/16 02:03	KMP			
Total Solids by Method 2540 G-2011	WG868466	1	04/28/16 16:38	04/28/16 16:48	MEL			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868191	25.5	04/30/16 21:56	05/01/16 09:55	BMB			

TP-3 L831928-03 Solid						Collected by Nathan Williams	Collected date/time 04/26/16 10:35	Received date/time 04/27/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG869295	1	05/02/16 17:13	05/04/16 02:25	KMP			
Total Solids by Method 2540 G-2011	WG868466	1	04/28/16 16:38	04/28/16 16:48	MEL			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868191	1	04/30/16 21:56	05/01/16 10:16	BMB			

TP-4 L831928-04 Solid						Collected by Nathan Williams	Collected date/time 04/26/16 10:45	Received date/time 04/27/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG869295	1	05/02/16 17:13	05/04/16 02:46	KMP			
Total Solids by Method 2540 G-2011	WG868466	1	04/28/16 16:38	04/28/16 16:48	MEL			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868191	1	04/30/16 21:56	05/01/16 10:37	BMB			

TP-5 L831928-05 Solid						Collected by Nathan Williams	Collected date/time 04/26/16 10:55	Received date/time 04/27/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG869295	1	05/02/16 17:13	05/04/16 03:08	KMP			
Total Solids by Method 2540 G-2011	WG868466	1	04/28/16 16:38	04/28/16 16:48	MEL			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868191	1	04/30/16 21:56	05/01/16 10:57	JAH			

TP-6 L831928-06 Solid						Collected by Nathan Williams	Collected date/time 04/26/16 11:05	Received date/time 04/27/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst			
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG869295	1	05/02/16 17:13	05/04/16 03:29	KMP			
Total Solids by Method 2540 G-2011	WG868466	1	04/28/16 16:38	04/28/16 16:48	MEL			
Volatile Organic Compounds (GC/MS) by Method 8260B	WG868191	1	04/30/16 21:56	05/01/16 11:18	JAH			

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Tom Mellette
Technical Service Representative

¹ Cp

² Tc

³ Ss

Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected Date/Time: 04/26/16 10:15

L831928

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	87.6		1	04/28/2016 16:48	WG868466

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.577	505	05/01/2016 09:35	WG868191
Toluene	ND		2.88	505	05/01/2016 09:35	WG868191
Ethylbenzene	ND		0.577	505	05/01/2016 09:35	WG868191
Xylenes, Total	10.8		1.73	505	05/01/2016 09:35	WG868191
Naphthalene	15.9		2.88	505	05/01/2016 09:35	WG868191
(S) Toluene-d8	104		88.5-111		05/01/2016 09:35	WG868191
(S) Dibromofluoromethane	95.7		78.3-121		05/01/2016 09:35	WG868191
(S) o,o,a-Trifluorotoluene	109		85.0-114		05/01/2016 09:35	WG868191
(S) 4-Bromofluorobenzene	102		71.0-126		05/01/2016 09:35	WG868191

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0115		0.00685	1	05/04/2016 01:42	WG869295
Acenaphthene	0.0363		0.00685	1	05/04/2016 01:42	WG869295
Acenaphthylene	0.0157		0.00685	1	05/04/2016 01:42	WG869295
Benzo(a)anthracene	ND		0.00685	1	05/04/2016 01:42	WG869295
Benzo(a)pyrene	ND		0.00685	1	05/04/2016 01:42	WG869295
Benzo(b)fluoranthene	ND		0.00685	1	05/04/2016 01:42	WG869295
Benzo(g,h,i)perylene	ND		0.00685	1	05/04/2016 01:42	WG869295
Benzo(k)fluoranthene	ND		0.00685	1	05/04/2016 01:42	WG869295
Chrysene	ND		0.00685	1	05/04/2016 01:42	WG869295
Dibenz(a,h)anthracene	ND		0.00685	1	05/04/2016 01:42	WG869295
Fluoranthene	0.0108		0.00685	1	05/04/2016 01:42	WG869295
Fluorene	0.0339		0.00685	1	05/04/2016 01:42	WG869295
Indeno(1,2,3-cd)pyrene	ND		0.00685	1	05/04/2016 01:42	WG869295
Naphthalene	15.4		0.457	20	05/04/2016 16:37	WG869295
Phenanthrene	0.0557		0.00685	1	05/04/2016 01:42	WG869295
Pyrene	0.0245		0.00685	1	05/04/2016 01:42	WG869295
(S) Nitrobenzene-d5	449	J7	22.1-146		05/04/2016 16:37	WG869295
(S) 2-Fluorobiphenyl	77.0		40.6-122		05/04/2016 01:42	WG869295
(S) p-Terphenyl-d14	71.0		32.2-131		05/04/2016 01:42	WG869295



Collected date/time: 04/26/16 10:25

L831928

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.3		1	04/28/2016 16:48	WG868466

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.0282	25.5	05/01/2016 09:55	WG868191
Toluene	ND		0.141	25.5	05/01/2016 09:55	WG868191
Ethylbenzene	ND		0.0282	25.5	05/01/2016 09:55	WG868191
Xylenes, Total	ND		0.0847	25.5	05/01/2016 09:55	WG868191
Naphthalene	0.226		0.141	25.5	05/01/2016 09:55	WG868191
(S) Toluene-d8	104		88.5-111		05/01/2016 09:55	WG868191
(S) Dibromofluoromethane	88.1		78.3-121		05/01/2016 09:55	WG868191
(S) o,a,a-Trifluorotoluene	109		85.0-114		05/01/2016 09:55	WG868191
(S) 4-Bromofluorobenzene	106		71.0-126		05/01/2016 09:55	WG868191

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00664	1	05/04/2016 02:03	WG869295
Acenaphthene	ND		0.00664	1	05/04/2016 02:03	WG869295
Acenaphthylene	ND		0.00664	1	05/04/2016 02:03	WG869295
Benzo(a)anthracene	ND		0.00664	1	05/04/2016 02:03	WG869295
Benzo(a)pyrene	ND		0.00664	1	05/04/2016 02:03	WG869295
Benzo(b)fluoranthene	ND		0.00664	1	05/04/2016 02:03	WG869295
Benzo(g,h,i)perylene	ND		0.00664	1	05/04/2016 02:03	WG869295
Benzo(k)fluoranthene	ND		0.00664	1	05/04/2016 02:03	WG869295
Chrysene	ND		0.00664	1	05/04/2016 02:03	WG869295
Dibenz(a,h)anthracene	ND		0.00664	1	05/04/2016 02:03	WG869295
Fluoranthene	ND		0.00664	1	05/04/2016 02:03	WG869295
Fluorene	ND		0.00664	1	05/04/2016 02:03	WG869295
Indeno(1,2,3-cd)pyrene	ND		0.00664	1	05/04/2016 02:03	WG869295
Naphthalene	0.0389		0.0221	1	05/04/2016 02:03	WG869295
Phenanthrene	0.0135		0.00664	1	05/04/2016 02:03	WG869295
Pyrene	0.00826		0.00664	1	05/04/2016 02:03	WG869295
(S) Nitrobenzene-d5	88.8		22.1-146		05/04/2016 02:03	WG869295
(S) 2-Fluorobiphenyl	52.6		40.6-122		05/04/2016 02:03	WG869295
(S) p-Terphenyl-d14	67.0		32.2-131		05/04/2016 02:03	WG869295

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.4		1	04/28/2016 16:48	WG868466

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.00327		0.00117	1	05/01/2016 10:16	WG868191
Toluene	0.00996		0.00585	1	05/01/2016 10:16	WG868191
Ethylbenzene	0.00128		0.00117	1	05/01/2016 10:16	WG868191
Xylenes, Total	0.00839		0.00351	1	05/01/2016 10:16	WG868191
Naphthalene	ND		0.00585	1	05/01/2016 10:16	WG868191
(S) Toluene-d8	103		88.5-111		05/01/2016 10:16	WG868191
(S) Dibromofluoromethane	99.2		78.3-121		05/01/2016 10:16	WG868191
(S) o,a,o-Trifluorotoluene	104		85.0-114		05/01/2016 10:16	WG868191
(S) 4-Bromofluorobenzene	103		71.0-126		05/01/2016 10:16	WG868191

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00702	1	05/04/2016 02:25	WG869295
Acenaphthene	ND		0.00702	1	05/04/2016 02:25	WG869295
Acenaphthylene	ND		0.00702	1	05/04/2016 02:25	WG869295
Benzo(a)anthracene	ND		0.00702	1	05/04/2016 02:25	WG869295
Benzo(a)pyrene	ND		0.00702	1	05/04/2016 02:25	WG869295
Benzo(b)fluoranthene	ND		0.00702	1	05/04/2016 02:25	WG869295
Benzo(g,h,i)perylene	ND		0.00702	1	05/04/2016 02:25	WG869295
Benzo(k)fluoranthene	ND		0.00702	1	05/04/2016 02:25	WG869295
Chrysene	ND		0.00702	1	05/04/2016 02:25	WG869295
Dibenz(a,h)anthracene	ND		0.00702	1	05/04/2016 02:25	WG869295
Fluoranthene	ND		0.00702	1	05/04/2016 02:25	WG869295
Fluorene	ND		0.00702	1	05/04/2016 02:25	WG869295
Indeno(1,2,3-cd)pyrene	ND		0.00702	1	05/04/2016 02:25	WG869295
Naphthalene	ND		0.0234	1	05/04/2016 02:25	WG869295
Phenanthrene	ND		0.00702	1	05/04/2016 02:25	WG869295
Pyrene	ND		0.00702	1	05/04/2016 02:25	WG869295
(S) Nitrobenzene-d5	93.3		22.1-146		05/04/2016 02:25	WG869295
(S) 2-Fluorobiphenyl	72.4		40.6-122		05/04/2016 02:25	WG869295
(S) p-Terphenyl-d14	67.1		32.2-131		05/04/2016 02:25	WG869295

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

TP-4

Collected date/time: 04/26/16 10:45

SAMPLE RESULTS - 04

L831928

ONE LAB. NATIONWIDE.



Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	69.1		1	04/28/2016 16:48	WG868466

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00951		0.00145	1	05/01/2016 10:37	WG868191
Toluene	0.0175		0.00723	1	05/01/2016 10:37	WG868191
Ethylbenzene	0.0458		0.00145	1	05/01/2016 10:37	WG868191
Xylenes, Total	0.544		0.00434	1	05/01/2016 10:37	WG868191
Naphthalene	0.126		0.00723	1	05/01/2016 10:37	WG868191
(S) Toluene-d8	105		88.5-111		05/01/2016 10:37	WG868191
(S) Dibromofluoromethane	101		78.3-121		05/01/2016 10:37	WG868191
(S) a,a,a-Trifluorotoluene	107		85.0-114		05/01/2016 10:37	WG868191
(S) 4-Bromofluorobenzene	101		71.0-126		05/01/2016 10:37	WG868191

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00868	1	05/04/2016 02:46	WG869295
Acenaphthene	ND		0.00868	1	05/04/2016 02:46	WG869295
Acenaphthylene	ND		0.00868	1	05/04/2016 02:46	WG869295
Benzo(a)anthracene	ND		0.00868	1	05/04/2016 02:46	WG869295
Benzo(a)pyrene	ND		0.00868	1	05/04/2016 02:46	WG869295
Benzo(b)fluoranthene	ND		0.00868	1	05/04/2016 02:46	WG869295
Benzo(g,h,i)perylene	ND		0.00868	1	05/04/2016 02:46	WG869295
Benzo(k)fluoranthene	ND		0.00868	1	05/04/2016 02:46	WG869295
Chrysene	ND		0.00868	1	05/04/2016 02:46	WG869295
Dibenz(a,h)anthracene	ND		0.00868	1	05/04/2016 02:46	WG869295
Fluoranthene	ND		0.00868	1	05/04/2016 02:46	WG869295
Fluorene	ND		0.00868	1	05/04/2016 02:46	WG869295
Indeno(1,2,3-cd)pyrene	ND		0.00868	1	05/04/2016 02:46	WG869295
Naphthalene	0.749		0.0289	1	05/04/2016 02:46	WG869295
Phenanthrene	ND		0.00868	1	05/04/2016 02:46	WG869295
Pyrene	ND		0.00868	1	05/04/2016 02:46	WG869295
(S) Nitrobenzene-d5	85.4		22.1-146		05/04/2016 02:46	WG869295
(S) 2-Fluorobiphenyl	59.2		40.6-122		05/04/2016 02:46	WG869295
(S) p-Terphenyl-d14	48.5		32.2-131		05/04/2016 02:46	WG869295

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 04/26/16 10:55

L831928

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.9		1	04/28/2016 16:48	WG868466

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.0015	1	05/01/2016 10:57	WG868191
Toluene	ND		0.00575	1	05/01/2016 10:57	WG868191
Ethylbenzene	ND		0.0015	1	05/01/2016 10:57	WG868191
Xylenes, Total	ND		0.00345	1	05/01/2016 10:57	WG868191
Naphthalene	ND		0.00575	1	05/01/2016 10:57	WG868191
(S) Toluene-d8	103		88.5-111		05/01/2016 10:57	WG868191
(S) Dibromofluoromethane	99.4		78.3-121		05/01/2016 10:57	WG868191
(S) o,o-Trifluorotoluene	105		85.0-114		05/01/2016 10:57	WG868191
(S) 4-Bromofluorobenzene	101		71.0-126		05/01/2016 10:57	WG868191

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0367		0.00690	1	05/04/2016 03:08	WG869295
Acenaphthene	0.0142		0.00690	1	05/04/2016 03:08	WG869295
Acenaphthylene	0.0123		0.00690	1	05/04/2016 03:08	WG869295
Benzo(a)anthracene	ND		0.00690	1	05/04/2016 03:08	WG869295
Benzo(a)pyrene	ND		0.00690	1	05/04/2016 03:08	WG869295
Benzo(b)fluoranthene	ND		0.00690	1	05/04/2016 03:08	WG869295
Benzo(g,h,i)perylene	ND		0.00690	1	05/04/2016 03:08	WG869295
Benzo(k)fluoranthene	ND		0.00690	1	05/04/2016 03:08	WG869295
Chrysene	ND		0.00690	1	05/04/2016 03:08	WG869295
Dibenz(a,h)anthracene	ND		0.00690	1	05/04/2016 03:08	WG869295
Fluoranthene	ND		0.00690	1	05/04/2016 03:08	WG869295
Fluorene	ND		0.00690	1	05/04/2016 03:08	WG869295
Indeno(1,2,3-cd)pyrene	ND		0.00690	1	05/04/2016 03:08	WG869295
Naphthalene	ND		0.0230	1	05/04/2016 03:08	WG869295
Phenanthrene	0.0168		0.00690	1	05/04/2016 03:08	WG869295
Pyrene	0.167		0.00690	1	05/04/2016 03:08	WG869295
(S) Nitrobenzene-d5	86.4		22.1-146		05/04/2016 03:08	WG869295
(S) 2-Fluorobiphenyl	59.1		40.6-122		05/04/2016 03:08	WG869295
(S) p-Terphenyl-d14	55.7		32.2-131		05/04/2016 03:08	WG869295

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



*Collected date/time: 04/26/16 11:05

L831928

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.0		1	04/28/2016 16:48	WG868466

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.0018	1	05/01/2016 11:18	WG868191
Toluene	ND		0.00588	1	05/01/2016 11:18	WG868191
Ethylbenzene	ND		0.0018	1	05/01/2016 11:18	WG868191
Xylenes, Total	ND		0.00353	1	05/01/2016 11:18	WG868191
Naphthalene	ND		0.00588	1	05/01/2016 11:18	WG868191
(S) Toluene-d8	104		88.5-111		05/01/2016 11:18	WG868191
(S) Dibromofluoromethane	100		78.3-121		05/01/2016 11:18	WG868191
(S) o,o,a-Trifluorotoluene	103		85.0-114		05/01/2016 11:18	WG868191
(S) 4-Bromofluorobenzene	101		71.0-126		05/01/2016 11:18	WG868191

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00706	1	05/04/2016 03:29	WG869295
Acenaphthene	ND		0.00706	1	05/04/2016 03:29	WG869295
Acenaphthylene	ND		0.00706	1	05/04/2016 03:29	WG869295
Benzo(a)anthracene	ND		0.00706	1	05/04/2016 03:29	WG869295
Benzo(a)pyrene	ND		0.00706	1	05/04/2016 03:29	WG869295
Benzo(b)fluoranthene	ND		0.00706	1	05/04/2016 03:29	WG869295
Benzo(g,h,i)perylene	ND		0.00706	1	05/04/2016 03:29	WG869295
Benzo(k)fluoranthene	ND		0.00706	1	05/04/2016 03:29	WG869295
Chrysene	ND		0.00706	1	05/04/2016 03:29	WG869295
Dibenz(a,h)anthracene	ND		0.00706	1	05/04/2016 03:29	WG869295
Fluoranthene	ND		0.00706	1	05/04/2016 03:29	WG869295
Fluorene	ND		0.00706	1	05/04/2016 03:29	WG869295
Indeno(1,2,3-cd)pyrene	ND		0.00706	1	05/04/2016 03:29	WG869295
Naphthalene	ND		0.0235	1	05/04/2016 03:29	WG869295
Phenanthrene	ND		0.00706	1	05/04/2016 03:29	WG869295
Pyrene	ND		0.00706	1	05/04/2016 03:29	WG869295
(S) Nitrobenzene-d5	85.4		22.1-146		05/04/2016 03:29	WG869295
(S) 2-Fluorobiphenyl	68.9		40.6-122		05/04/2016 03:29	WG869295
(S) p-Terphenyl-d14	59.3		32.2-131		05/04/2016 03:29	WG869295

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WG868466

Total Solids by Method 2540 G-2011

QUALITY CONTROL SUMMARY

L831928-01,02,03,04,05,06

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3132550-1 04/28/16 16:48

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000800			

1 Cp

2 Tc

3 Ss

Original Sample (OS) • Duplicate (DUP)

(OS) L830955-07 04/28/16 16:48 • (DUP) R3132550-3 04/28/16 16:48

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	78.7	76.3	1	3.08		5

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R3132550-2 04/28/16 16:48

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

7 Gl

8 Al

9 Sc

WG868191

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC/MS) by Method 8260B

L831928-01,02,03,04,05,06

Method Blank (MB)

(MB) R3133103-3 05/01/16 02:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	103			88.5-111
(S) Dibromofluoromethane	97.0			78.3-121
(S) a,a,a-Trifluorotoluene	107			85.0-114
(S) 4-Bromofluorobenzene	97.9			71.0-126

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3133103-1 05/01/16 00:37 • (LCSD) R3133103-2 05/01/16 00:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0204	0.0209	81.5	83.6	70.0-130			2.58	20
Ethylbenzene	0.0250	0.0235	0.0243	94.1	97.2	70.0-130			3.25	20
Naphthalene	0.0250	0.0213	0.0217	85.3	86.9	70.0-130			1.80	20
Toluene	0.0250	0.0222	0.0228	88.9	91.3	70.0-130			2.62	20
Xylenes, Total	0.0750	0.0720	0.0743	96.1	99.1	70.0-130			3.08	20
(S) Toluene-d8				103	104	88.5-111				
(S) Dibromofluoromethane				95.2	93.8	78.3-121				
(S) a,a,a-Trifluorotoluene				106	106	85.0-114				
(S) 4-Bromofluorobenzene				100	100	71.0-126				

7 GI

8 AI

9 Sc

Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L831873-38 05/01/16 04:45 • (MS) R3133103-4 05/01/16 03:01 • (MSD) R3133103-5 05/01/16 03:22

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	ND	2.24	2.12	76.0	71.9	118	54.3-133			5.57	20
Ethylbenzene	0.0250	ND	2.63	2.51	89.1	85.1	118	61.4-133			4.59	20
Naphthalene	0.0250	ND	2.62	2.59	88.9	87.6	118	58.0-135			1.39	25.5
Toluene	0.0250	ND	2.50	2.39	84.7	81.0	118	61.4-130			4.52	20
Xylenes, Total	0.0750	ND	7.96	7.60	90.0	85.9	118	63.3-131			4.63	20

WG868191

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC/MS) by Method 8260B

L831928-01,02,03,04,05,06

Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L831873-38 05/01/16 04:45 • (MS) R3133103-4 05/01/16 03:01 • (MSD) R3133103-5 05/01/16 03:22

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					104	103		88.5-111				
(S) Dibromofluoromethane					92.2	91.7		78.3-121				
(S) o,o,o-Trifluorotoluene					107	107		85.0-114				
(S) 4-Bromofluorobenzene					101	100		71.0-126				

Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L831873-45 05/01/16 05:06 • (MS) R3133103-6 05/01/16 03:43 • (MSD) R3133103-7 05/01/16 04:04

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	ND	0.00925	0.0168	37.0	67.2	1	54.3-133	J6	J3	58.0	20
Ethylbenzene	0.0250	ND	0.00774	0.0182	30.9	72.9	1	61.4-133	J6	J3	80.9	20
Naphthalene	0.0250	ND	0.00653	0.0153	26.1	61.4	1	58.0-135	J6	J3	80.5	25.5
Toluene	0.0250	ND	0.00882	0.0180	35.3	72.0	1	61.4-130	J6	J3	68.4	20
Xylenes, Total	0.0750	ND	0.0235	0.0550	31.3	73.3	1	63.3-131	J6	J3	80.3	20
(S) Toluene-d8					103	104		88.5-111				
(S) Dibromofluoromethane					95.4	94.7		78.3-121				
(S) o,o,o-Trifluorotoluene					107	106		85.0-114				
(S) 4-Bromofluorobenzene					102	101		71.0-126				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG869295

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

L831928-01,02,03,04,05,06

Method Blank (MB)

(MB) R3133554-3 05/04/16 00:27

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
(S) p-Terphenyl-d14	71.8			32.2-131
(S) Nitrobenzene-d5	89.6			22.1-146
(S) 2-Fluorobiphenyl	80.4			40.6-122

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3133554-1 05/03/16 23:44 • (LCSD) R3133554-2 05/04/16 00:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0679	0.0701	84.8	87.6	70.0-130			3.21	20
Acenaphthene	0.0800	0.0685	0.0660	85.6	82.5	70.0-130			3.72	20
Acenaphthylene	0.0800	0.0689	0.0692	86.2	86.5	70.0-130			0.380	20
Benzo(a)anthracene	0.0800	0.0634	0.0674	79.2	84.2	70.0-130			6.11	20
Benzo(a)pyrene	0.0800	0.0667	0.0698	83.3	87.3	70.0-130			4.62	20
Benzo(b)fluoranthene	0.0800	0.0667	0.0698	83.3	87.2	70.0-130			4.54	20
Benzo(g,h,i)perylene	0.0800	0.0623	0.0644	77.9	80.5	70.0-130			3.30	20
Benzo(k)fluoranthene	0.0800	0.0653	0.0644	81.6	80.5	70.0-130			1.37	20
Chrysene	0.0800	0.0658	0.0657	82.3	82.2	70.0-130			0.0900	20
Dibenz(a,h)anthracene	0.0800	0.0631	0.0658	78.8	82.3	70.0-130			4.24	20
Fluoranthene	0.0800	0.0683	0.0707	85.4	88.4	70.0-130			3.48	20

WG869295

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

L831928-01.02.03.04.05.06

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3133554-1 05/03/16 23:44 • (LCSD) R3133554-2 05/04/16 00:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0659	0.0672	82.3	84.0	70.0-130			1.98	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0638	0.0667	79.7	83.4	70.0-130			4.48	20
Naphthalene	0.0800	0.0665	0.0700	83.2	87.6	70.0-130			5.15	20
Phenanthrene	0.0800	0.0647	0.0662	80.8	82.7	70.0-130			2.33	20
Pyrene	0.0800	0.0690	0.0735	86.2	91.8	70.0-130			6.31	20
(S) p-Terphenyl-d14				73.0	78.0	32.2-131				
(S) Nitrobenzene-d5				104	95.6	22.1-146				
(S) 2-Fluorobiphenyl				86.9	86.5	40.6-122				

Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L832221-04 05/04/16 03:51 • (MS) R3133554-4 05/04/16 04:12 • (MSD) R3133554-5 05/04/16 04:34

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0672	0.0668	84.0	83.5	1	26.5-141			0.530	25
Acenaphthene	0.0800	ND	0.0701	0.0691	87.7	86.4	1	31.9-130			1.48	25
Acenaphthylene	0.0800	ND	0.0684	0.0710	85.6	88.8	1	33.7-129			3.67	25
Benzo(a)anthracene	0.0800	ND	0.0588	0.0579	73.4	72.4	1	18.3-136			1.47	25
Benzo(a)pyrene	0.0800	ND	0.0659	0.0636	82.4	79.5	1	16.9-135			3.51	25
Benzo(b)fluoranthene	0.0800	ND	0.0545	0.0523	68.1	65.3	1	10.0-134			4.22	25
Benzo(g,h,i)perylene	0.0800	ND	0.0522	0.0512	65.3	64.0	1	14.1-140			1.89	25
Benzo(k)fluoranthene	0.0800	ND	0.0630	0.0620	78.7	77.5	1	18.2-138			1.60	25
Chrysene	0.0800	ND	0.0623	0.0597	77.9	74.6	1	17.1-145			4.41	25
Dibenz(a,h)anthracene	0.0800	ND	0.0580	0.0558	72.5	69.7	1	18.5-138			3.96	25
Fluoranthene	0.0800	ND	0.0659	0.0660	82.4	82.5	1	15.4-144			0.0900	25
Fluorene	0.0800	ND	0.0657	0.0662	82.2	82.8	1	23.5-136			0.750	25
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0551	0.0537	68.9	67.1	1	14.5-142			2.64	25
Naphthalene	0.0800	ND	0.0694	0.0675	86.8	84.4	1	29.2-128			2.75	25
Phenanthrene	0.0800	ND	0.0641	0.0631	80.2	78.9	1	20.1-134			1.57	25
Pyrene	0.0800	ND	0.0661	0.0652	82.6	81.6	1	11.0-148			1.28	25
(S) p-Terphenyl-d14					68.6	70.6		32.2-131				
(S) Nitrobenzene-d5					103	99.1		22.1-146				
(S) 2-Fluorobiphenyl					81.6	84.4		40.6-122				

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Oc
- 7 Gl
- 8 Al
- 9 Sc



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

GI

8 Al

9 Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ^{1,4}	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 ³	1461.02	DOD	1461.01
Canada	1461.01	USDA	5-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ** Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

S&ME Inc. - Spartanburg SC

301 Zima Park Drive
Spartanburg, SC 29301

Billing Information:

Accounts Payable
301 Zima Park Drive
Spartanburg, SC 29301

Report to:
John Whitehead

Email To: JWhitehead@smeinc.com

Project Description: *Sav-A-Ton*

City/State Collected: *Easton, SC*

Phone: **864-574-2360**
Fax: **864-576-8730**

Client Project #
4226-15-157

Lab Project #
SMESPAR-USTCLOSURE

Collected by (print):
Nathan Williams

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day200%
 Next Day100%
 Two Day50%
 Three Day25%

Date Results Needed

Email? No Yes
 FAX? No Yes

No. of Cntrs

Immediately Packed on Ice N Y

Analysis / Container / Preservative

SV8270PAHSIMDSC 4ozAmb-NoPres

TS 4ozClr-NoPres

V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH

Chain of Custody Page 1 of 1



L.A.B S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# *1831928*

C228

Acctnum: SMESPAR

Template: T111604

Prelogin: P550276

TSR: 690 - Tom Mellette

PB: *4-19-16*

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIMDSC 4ozAmb-NoPres	TS 4ozClr-NoPres	V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH													
TP-1	Grab	SS		4/26/16	1015	6	X	X	X												-01	
TP-2		SS			1025	6	X	X	X													-02
TP-3		SS			1035	6	X	X	X													-03
TP-4		SS			1045	6	X	X	X													-04
TP-5		SS			1055	6	X	X	X													-05
TP-6		SS			1105	6	X	X	X													-06
		SS				6	X	X	X													
		SS				6	X	X	X													
		SS				6	X	X	X													
		SS				6	X	X	X													

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____
 Flow _____ Other _____

6200 8043 4564

Remarks:

Relinquished by: (Signature) <i>[Signature]</i>	Date: <i>4/24/16</i>	Time: <i>1700</i>	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> _____	Condition: (lab use only) <i>OK GOW</i>
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: °C <i>3.1</i>	Bottles Received: <i>36475</i>
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: <i>4-27-16</i>	Time: <i>9w</i>
				pH Checked:	NCF:

May 18, 2016

S&ME Inc. - Spartanburg SC

Sample Delivery Group: L834779
Samples Received: 05/11/2016
Project Number: 4226-15-157
Description: Sav-A-Ton

Report To: John Whitehead
301 Zima Park Drive
Spartanburg, SC 29301

Entire Report Reviewed By:

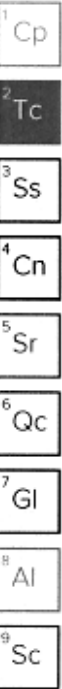


Tom Mellette
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

D-1 L834779-01 Solid Collected by: Nathan Williams Collected date/time: 05/09/16 09:30 Received date/time: 05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 10:01	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:51	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1	05/15/16 14:46	05/15/16 18:34	DAH

PL-3 L834779-02 Solid Collected by: Nathan Williams Collected date/time: 05/09/16 09:40 Received date/time: 05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 13:36	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:51	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	86	05/15/16 14:46	05/15/16 18:54	DAH

PL-4 L834779-03 Solid Collected by: Nathan Williams Collected date/time: 05/09/16 10:00 Received date/time: 05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 13:57	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:51	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1	05/15/16 14:46	05/15/16 19:14	DAH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG873306	23.75	05/17/16 19:27	05/18/16 12:51	JHH

PL-5 L834779-04 Solid Collected by: Nathan Williams Collected date/time: 05/09/16 10:10 Received date/time: 05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 14:19	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:51	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1	05/15/16 14:46	05/15/16 19:34	DAH

D-3 L834779-05 Solid Collected by: Nathan Williams Collected date/time: 05/09/16 10:30 Received date/time: 05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 14:40	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:51	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1	05/15/16 14:46	05/15/16 19:54	DAH

D-2 L834779-06 Solid Collected by: Nathan Williams Collected date/time: 05/09/16 10:40 Received date/time: 05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 15:02	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:51	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1.01	05/15/16 14:46	05/15/16 21:43	DAH

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

PL-1 L834779-07 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 10:55 Received date/time
05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 15:23	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:51	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1.01	05/15/16 14:46	05/15/16 22:03	DAH

PL-2 L834779-08 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 11:15 Received date/time
05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 15:44	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:52	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1	05/15/16 14:46	05/15/16 22:23	DAH

PL-6 L834779-09 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 11:20 Received date/time
05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 16:06	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:52	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1	05/15/16 14:46	05/15/16 22:43	DAH

PL-7 L834779-10 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 11:30 Received date/time
05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 16:27	KMP
Total Solids by Method 2540 G-2011	WG872108	1	05/12/16 16:02	05/13/16 10:52	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1	05/15/16 14:46	05/15/16 23:03	DAH

D-4 L834779-11 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 11:40 Received date/time
05/11/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872196	1	05/16/16 23:33	05/17/16 16:48	KMP
Total Solids by Method 2540 G-2011	WG872112	1	05/12/16 15:53	05/13/16 10:49	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG871916	1.05	05/15/16 14:46	05/15/16 23:23	DAH

1
Cp

2
Tc

Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Tom Mellette
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 05/09/16 09:30

L834779

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.4		1	05/13/2016 10:51	WG872108

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.00121	1	05/15/2016 18:34	WG871916
Toluene	ND		0.00607	1	05/15/2016 18:34	WG871916
Ethylbenzene	ND		0.00121	1	05/15/2016 18:34	WG871916
Xylenes, Total	ND		0.00364	1	05/15/2016 18:34	WG871916
Naphthalene	ND		0.00607	1	05/15/2016 18:34	WG871916
(S) Toluene-d8	100		88.5-111		05/15/2016 18:34	WG871916
(S) Dibromofluoromethane	102		78.3-121		05/15/2016 18:34	WG871916
(S) o,o-Trifluorotoluene	101		85.0-114		05/15/2016 18:34	WG871916
(S) 4-Bromofluorobenzene	93.4		71.0-126		05/15/2016 18:34	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00728	1	05/17/2016 10:01	WG872196
Acenaphthene	ND		0.00728	1	05/17/2016 10:01	WG872196
Acenaphthylene	ND		0.00728	1	05/17/2016 10:01	WG872196
Benzo(a)anthracene	ND		0.00728	1	05/17/2016 10:01	WG872196
Benzo(a)pyrene	ND		0.00728	1	05/17/2016 10:01	WG872196
Benzo(b)fluoranthene	ND		0.00728	1	05/17/2016 10:01	WG872196
Benzo(g,h,i)perylene	ND		0.00728	1	05/17/2016 10:01	WG872196
Benzo(k)fluoranthene	ND		0.00728	1	05/17/2016 10:01	WG872196
Chrysene	ND		0.00728	1	05/17/2016 10:01	WG872196
Dibenz(a,h)anthracene	ND		0.00728	1	05/17/2016 10:01	WG872196
Fluoranthene	ND		0.00728	1	05/17/2016 10:01	WG872196
Fluorene	ND		0.00728	1	05/17/2016 10:01	WG872196
Indeno(1,2,3-cd)pyrene	ND		0.00728	1	05/17/2016 10:01	WG872196
Naphthalene	ND		0.0243	1	05/17/2016 10:01	WG872196
Phenanthrene	ND		0.00728	1	05/17/2016 10:01	WG872196
Pyrene	ND		0.00728	1	05/17/2016 10:01	WG872196
(S) Nitrobenzene-d5	93.8		22.1-146		05/17/2016 10:01	WG872196
(S) 2-Fluorobiphenyl	82.0		40.6-122		05/17/2016 10:01	WG872196
(S) p-Terphenyl-d14	75.1		32.2-131		05/17/2016 10:01	WG872196

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 09:40

L834779

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	82.7		1	05/13/2016 10:51	WG872108

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.162		0.104	86	05/15/2016 18:54	WG871916
Toluene	1.10		0.520	86	05/15/2016 18:54	WG871916
Ethylbenzene	0.206		0.104	86	05/15/2016 18:54	WG871916
Xylenes, Total	1.14		0.312	86	05/15/2016 18:54	WG871916
Naphthalene	ND		0.520	86	05/15/2016 18:54	WG871916
(S) Toluene-d8	100		88.5-111		05/15/2016 18:54	WG871916
(S) Dibromofluoromethane	97.6		78.3-121		05/15/2016 18:54	WG871916
(S) o,o-Trifluorotoluene	102		85.0-114		05/15/2016 18:54	WG871916
(S) 4-Bromofluorobenzene	101		71.0-126		05/15/2016 18:54	WG871916

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00725	1	05/17/2016 13:36	WG872196
Acenaphthene	ND		0.00725	1	05/17/2016 13:36	WG872196
Acenaphthylene	ND		0.00725	1	05/17/2016 13:36	WG872196
Benzo(a)anthracene	ND		0.00725	1	05/17/2016 13:36	WG872196
Benzo(a)pyrene	ND		0.00725	1	05/17/2016 13:36	WG872196
Benzo(b)fluoranthene	ND		0.00725	1	05/17/2016 13:36	WG872196
Benzo(g,h,i)perylene	ND		0.00725	1	05/17/2016 13:36	WG872196
Benzo(k)fluoranthene	ND		0.00725	1	05/17/2016 13:36	WG872196
Chrysene	ND		0.00725	1	05/17/2016 13:36	WG872196
Dibenz(a,h)anthracene	ND		0.00725	1	05/17/2016 13:36	WG872196
Fluoranthene	ND		0.00725	1	05/17/2016 13:36	WG872196
Fluorene	ND		0.00725	1	05/17/2016 13:36	WG872196
Indeno(1,2,3-cd)pyrene	ND		0.00725	1	05/17/2016 13:36	WG872196
Naphthalene	0.0309		0.0242	1	05/17/2016 13:36	WG872196
Phenanthrene	ND		0.00725	1	05/17/2016 13:36	WG872196
Pyrene	ND		0.00725	1	05/17/2016 13:36	WG872196
(S) Nitrobenzene-d5	92.0		22.1-146		05/17/2016 13:36	WG872196
(S) 2-Fluorobiphenyl	77.3		40.6-122		05/17/2016 13:36	WG872196
(S) p-Terphenyl-d14	63.7		32.2-131		05/17/2016 13:36	WG872196

9 Sc



Collected date/time: 05/09/16 10:00

L834779

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	78.8		1	05/13/2016 10:51	WG872108

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.0504		0.00127	1	05/15/2016 19:14	WG871916
Toluene	0.581		0.151	23.75	05/18/2016 12:51	WG873306
Ethylbenzene	0.0553		0.00127	1	05/15/2016 19:14	WG871916
Xylenes, Total	0.316		0.00381	1	05/15/2016 19:14	WG871916
Naphthalene	0.0308		0.00635	1	05/15/2016 19:14	WG871916
(S) Toluene-d8	99.7		88.5-111		05/15/2016 19:14	WG871916
(S) Toluene-d8	105		88.5-111		05/18/2016 12:51	WG873306
(S) Dibromofluoromethane	95.7		78.3-121		05/18/2016 12:51	WG873306
(S) Dibromofluoromethane	102		78.3-121		05/15/2016 19:14	WG871916
(S) o,o-Trifluorotoluene	98.9		85.0-114		05/15/2016 19:14	WG871916
(S) o,o-Trifluorotoluene	102		85.0-114		05/18/2016 12:51	WG873306
(S) 4-Bromofluorobenzene	104		71.0-126		05/18/2016 12:51	WG873306
(S) 4-Bromofluorobenzene	94.4		71.0-126		05/15/2016 19:14	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00762	1	05/17/2016 13:57	WG872196
Acenaphthene	ND		0.00762	1	05/17/2016 13:57	WG872196
Acenaphthylene	ND		0.00762	1	05/17/2016 13:57	WG872196
Benzo(a)anthracene	ND		0.00762	1	05/17/2016 13:57	WG872196
Benzo(a)pyrene	ND		0.00762	1	05/17/2016 13:57	WG872196
Benzo(b)fluoranthene	ND		0.00762	1	05/17/2016 13:57	WG872196
Benzo(g,h,i)perylene	ND		0.00762	1	05/17/2016 13:57	WG872196
Benzo(k)fluoranthene	ND		0.00762	1	05/17/2016 13:57	WG872196
Chrysene	ND		0.00762	1	05/17/2016 13:57	WG872196
Dibenz(a,h)anthracene	ND		0.00762	1	05/17/2016 13:57	WG872196
Fluoranthene	ND		0.00762	1	05/17/2016 13:57	WG872196
Fluorene	ND		0.00762	1	05/17/2016 13:57	WG872196
Indeno(1,2,3-cd)pyrene	ND		0.00762	1	05/17/2016 13:57	WG872196
Naphthalene	0.0734		0.0254	1	05/17/2016 13:57	WG872196
Phenanthrene	ND		0.00762	1	05/17/2016 13:57	WG872196
Pyrene	ND		0.00762	1	05/17/2016 13:57	WG872196
(S) Nitrobenzene-d5	87.4		22.1-146		05/17/2016 13:57	WG872196
(S) 2-Fluorobiphenyl	74.9		40.6-122		05/17/2016 13:57	WG872196
(S) p-Terphenyl-d14	67.1		32.2-131		05/17/2016 13:57	WG872196

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Collected Date/Time: 05/09/16 10:10

L834779

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	83.8		1	05/13/2016 10:51	WG872108

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.0139		0.00119	1	05/15/2016 19:34	WG871916
Toluene	0.0498		0.00597	1	05/15/2016 19:34	WG871916
Ethylbenzene	0.00499		0.00119	1	05/15/2016 19:34	WG871916
Xylenes, Total	0.0277		0.00358	1	05/15/2016 19:34	WG871916
Naphthalene	ND		0.00597	1	05/15/2016 19:34	WG871916
(S) Toluene-d8	100		88.5-111		05/15/2016 19:34	WG871916
(S) Dibromofluoromethane	101		78.3-121		05/15/2016 19:34	WG871916
(S) a,a,a-Trifluorotoluene	100		85.0-114		05/15/2016 19:34	WG871916
(S) 4-Bromofluorobenzene	96.2		71.0-126		05/15/2016 19:34	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00716	1	05/17/2016 14:19	WG872196
Acenaphthene	ND		0.00716	1	05/17/2016 14:19	WG872196
Acenaphthylene	ND		0.00716	1	05/17/2016 14:19	WG872196
Benzo(a)anthracene	0.0418		0.00716	1	05/17/2016 14:19	WG872196
Benzo(a)pyrene	0.0431		0.00716	1	05/17/2016 14:19	WG872196
Benzo(b)fluoranthene	0.0556		0.00716	1	05/17/2016 14:19	WG872196
Benzo(g,h,i)perylene	0.0270		0.00716	1	05/17/2016 14:19	WG872196
Benzo(k)fluoranthene	0.0192		0.00716	1	05/17/2016 14:19	WG872196
Chrysene	0.0406		0.00716	1	05/17/2016 14:19	WG872196
Dibenz(a,h)anthracene	0.00733		0.00716	1	05/17/2016 14:19	WG872196
Fluoranthene	0.0764		0.00716	1	05/17/2016 14:19	WG872196
Fluorene	ND		0.00716	1	05/17/2016 14:19	WG872196
Indeno(1,2,3-cd)pyrene	0.0249		0.00716	1	05/17/2016 14:19	WG872196
Naphthalene	ND		0.0239	1	05/17/2016 14:19	WG872196
Phenanthrene	0.0179		0.00716	1	05/17/2016 14:19	WG872196
Pyrene	0.0650		0.00716	1	05/17/2016 14:19	WG872196
(S) Nitrobenzene-d5	86.4		22.1-146		05/17/2016 14:19	WG872196
(S) 2-Fluorobiphenyl	74.3		40.6-122		05/17/2016 14:19	WG872196
(S) p-Terphenyl-d14	71.6		32.2-131		05/17/2016 14:19	WG872196

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 10:30

L834779

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.7		1	05/13/2016 10:51	WG872108

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00150		0.00129	1	05/15/2016 19:54	WG871916
Toluene	0.0127		0.00643	1	05/15/2016 19:54	WG871916
Ethylbenzene	0.00420		0.00129	1	05/15/2016 19:54	WG871916
Xylenes, Total	0.0475		0.00386	1	05/15/2016 19:54	WG871916
Naphthalene	0.00662		0.00643	1	05/15/2016 19:54	WG871916
(S) Toluene-d8	101		88.5-111		05/15/2016 19:54	WG871916
(S) Dibromofluoromethane	102		78.3-121		05/15/2016 19:54	WG871916
(S) o,o,a-Trifluorotoluene	101		85.0-114		05/15/2016 19:54	WG871916
(S) 4-Bromofluorobenzene	96.5		71.0-126		05/15/2016 19:54	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00772	1	05/17/2016 14:40	WG872196
Acenaphthene	ND		0.00772	1	05/17/2016 14:40	WG872196
Acenaphthylene	ND		0.00772	1	05/17/2016 14:40	WG872196
Benzo(a)anthracene	ND		0.00772	1	05/17/2016 14:40	WG872196
Benzo(a)pyrene	ND		0.00772	1	05/17/2016 14:40	WG872196
Benzo(b)fluoranthene	ND		0.00772	1	05/17/2016 14:40	WG872196
Benzo(g,h,i)perylene	ND		0.00772	1	05/17/2016 14:40	WG872196
Benzo(k)fluoranthene	ND		0.00772	1	05/17/2016 14:40	WG872196
Chrysene	ND		0.00772	1	05/17/2016 14:40	WG872196
Dibenz(a,h)anthracene	ND		0.00772	1	05/17/2016 14:40	WG872196
Fluoranthene	ND		0.00772	1	05/17/2016 14:40	WG872196
Fluorene	ND		0.00772	1	05/17/2016 14:40	WG872196
Indeno(1,2,3-cd)pyrene	ND		0.00772	1	05/17/2016 14:40	WG872196
Naphthalene	ND		0.0257	1	05/17/2016 14:40	WG872196
Phenanthrene	ND		0.00772	1	05/17/2016 14:40	WG872196
Pyrene	ND		0.00772	1	05/17/2016 14:40	WG872196
(S) Nitrobenzene-d5	85.5		22.1-146		05/17/2016 14:40	WG872196
(S) 2-Fluorobiphenyl	76.1		40.6-122		05/17/2016 14:40	WG872196
(S) p-Terphenyl-d14	63.5		32.2-131		05/17/2016 14:40	WG872196

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



*Collected date/time: 05/09/16 10:40

L834779

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.2		1	05/13/2016 10:51	WG872108

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.00111	1.01	05/15/2016 21:43	WG871916
Toluene	ND		0.00554	1.01	05/15/2016 21:43	WG871916
Ethylbenzene	ND		0.00111	1.01	05/15/2016 21:43	WG871916
Xylenes, Total	ND		0.00332	1.01	05/15/2016 21:43	WG871916
Naphthalene	ND		0.00554	1.01	05/15/2016 21:43	WG871916
(S) Toluene-d8	101		88.5-111		05/15/2016 21:43	WG871916
(S) Dibromofluoromethane	103		78.3-121		05/15/2016 21:43	WG871916
(S) o,o-Trifluorotoluene	102		85.0-114		05/15/2016 21:43	WG871916
(S) 4-Bromofluorobenzene	96.0		71.0-126		05/15/2016 21:43	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00658	1	05/17/2016 15:02	WG872196
Acenaphthene	ND		0.00658	1	05/17/2016 15:02	WG872196
Acenaphthylene	ND		0.00658	1	05/17/2016 15:02	WG872196
Benzo(a)anthracene	0.0135		0.00658	1	05/17/2016 15:02	WG872196
Benzo(a)pyrene	0.0137		0.00658	1	05/17/2016 15:02	WG872196
Benzo(b)fluoranthene	0.0186		0.00658	1	05/17/2016 15:02	WG872196
Benzo(g,h,i)perylene	0.00993		0.00658	1	05/17/2016 15:02	WG872196
Benzo(k)fluoranthene	0.00701		0.00658	1	05/17/2016 15:02	WG872196
Chrysene	0.0185		0.00658	1	05/17/2016 15:02	WG872196
Dibenz(a,h)anthracene	ND		0.00658	1	05/17/2016 15:02	WG872196
Fluoranthene	0.0110		0.00658	1	05/17/2016 15:02	WG872196
Fluorene	ND		0.00658	1	05/17/2016 15:02	WG872196
Indeno(1,2,3-cd)pyrene	0.00855		0.00658	1	05/17/2016 15:02	WG872196
Naphthalene	ND		0.0219	1	05/17/2016 15:02	WG872196
Phenanthrene	ND		0.00658	1	05/17/2016 15:02	WG872196
Pyrene	0.0106		0.00658	1	05/17/2016 15:02	WG872196
(S) Nitrobenzene-d5	87.8		22.1-146		05/17/2016 15:02	WG872196
(S) 2-Fluorobiphenyl	78.1		40.6-122		05/17/2016 15:02	WG872196
(S) p-Terphenyl-d14	74.1		32.2-131		05/17/2016 15:02	WG872196

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 10:55

L834779

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.9		1	05/13/2016 10:51	WG872108

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	ND		0.00130	1.01	05/15/2016 22:03	WG871916
Toluene	ND		0.00648	1.01	05/15/2016 22:03	WG871916
Ethylbenzene	ND		0.00130	1.01	05/15/2016 22:03	WG871916
Xylenes, Total	ND		0.00389	1.01	05/15/2016 22:03	WG871916
Naphthalene	ND		0.00648	1.01	05/15/2016 22:03	WG871916
(S) Toluene-d8	101		88.5-111		05/15/2016 22:03	WG871916
(S) Dibromofluoromethane	104		78.3-121		05/15/2016 22:03	WG871916
(S) o,o-Trifluorotoluene	101		85.0-114		05/15/2016 22:03	WG871916
(S) 4-Bromofluorobenzene	95.2		71.0-126		05/15/2016 22:03	WG871916

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00770	1	05/17/2016 15:23	WG872196
Acenaphthene	ND		0.00770	1	05/17/2016 15:23	WG872196
Acenaphthylene	ND		0.00770	1	05/17/2016 15:23	WG872196
Benzo(a)anthracene	ND		0.00770	1	05/17/2016 15:23	WG872196
Benzo(a)pyrene	ND		0.00770	1	05/17/2016 15:23	WG872196
Benzo(b)fluoranthene	ND		0.00770	1	05/17/2016 15:23	WG872196
Benzo(g,h,i)perylene	ND		0.00770	1	05/17/2016 15:23	WG872196
Benzo(k)fluoranthene	ND		0.00770	1	05/17/2016 15:23	WG872196
Chrysene	ND		0.00770	1	05/17/2016 15:23	WG872196
Dibenz(a,h)anthracene	ND		0.00770	1	05/17/2016 15:23	WG872196
Fluoranthene	ND		0.00770	1	05/17/2016 15:23	WG872196
Fluorene	ND		0.00770	1	05/17/2016 15:23	WG872196
Indeno(1,2,3-cd)pyrene	ND		0.00770	1	05/17/2016 15:23	WG872196
Naphthalene	ND		0.0257	1	05/17/2016 15:23	WG872196
Phenanthrene	ND		0.00770	1	05/17/2016 15:23	WG872196
Pyrene	ND		0.00770	1	05/17/2016 15:23	WG872196
(S) Nitrobenzene-d5	92.5		22.1-146		05/17/2016 15:23	WG872196
(S) 2-Fluorobiphenyl	77.6		40.6-122		05/17/2016 15:23	WG872196
(S) p-Terphenyl-d14	69.1		32.2-131		05/17/2016 15:23	WG872196

8 Al

9 Sc



*Collected date/time: 05/09/16 11:15

L834779

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.2		1	05/13/2016 10:52	WG872108

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00480		0.00130	1	05/15/2016 22:23	WG871916
Toluene	0.0203		0.00648	1	05/15/2016 22:23	WG871916
Ethylbenzene	0.00217		0.00130	1	05/15/2016 22:23	WG871916
Xylenes, Total	0.0197		0.00389	1	05/15/2016 22:23	WG871916
Naphthalene	ND		0.00648	1	05/15/2016 22:23	WG871916
(S) Toluene-d8	100		88.5-111		05/15/2016 22:23	WG871916
(S) Dibromofluoromethane	103		78.3-121		05/15/2016 22:23	WG871916
(S) o,o-Trifluorotoluene	101		85.0-114		05/15/2016 22:23	WG871916
(S) 4-Bromofluorobenzene	95.3		71.0-126		05/15/2016 22:23	WG871916

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00777	1	05/17/2016 15:44	WG872196
Acenaphthene	ND		0.00777	1	05/17/2016 15:44	WG872196
Acenaphthylene	ND		0.00777	1	05/17/2016 15:44	WG872196
Benzo(a)anthracene	ND		0.00777	1	05/17/2016 15:44	WG872196
Benzo(a)pyrene	ND		0.00777	1	05/17/2016 15:44	WG872196
Benzo(b)fluoranthene	ND		0.00777	1	05/17/2016 15:44	WG872196
Benzo(g,h,i)perylene	ND		0.00777	1	05/17/2016 15:44	WG872196
Benzo(k)fluoranthene	ND		0.00777	1	05/17/2016 15:44	WG872196
Chrysene	ND		0.00777	1	05/17/2016 15:44	WG872196
Dibenz(a,h)anthracene	ND		0.00777	1	05/17/2016 15:44	WG872196
Fluoranthene	ND		0.00777	1	05/17/2016 15:44	WG872196
Fluorene	ND		0.00777	1	05/17/2016 15:44	WG872196
Indeno(1,2,3-cd)pyrene	ND		0.00777	1	05/17/2016 15:44	WG872196
Naphthalene	ND		0.0259	1	05/17/2016 15:44	WG872196
Phenanthrene	ND		0.00777	1	05/17/2016 15:44	WG872196
Pyrene	ND		0.00777	1	05/17/2016 15:44	WG872196
(S) Nitrobenzene-d5	89.0		22.1-146		05/17/2016 15:44	WG872196
(S) 2-Fluorobiphenyl	75.5		40.6-122		05/17/2016 15:44	WG872196
(S) p-Terphenyl-d14	65.8		32.2-131		05/17/2016 15:44	WG872196

8 Al

9 Sc



Collected Date/Time: 05/09/16 11:20

L834779

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.7		1	05/13/2016 10:52	WG872108

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.00790		0.00129	1	05/15/2016 22:43	WG871916
Toluene	0.0413		0.00644	1	05/15/2016 22:43	WG871916
Ethylbenzene	0.00476		0.00129	1	05/15/2016 22:43	WG871916
Xylenes, Total	0.0210		0.00386	1	05/15/2016 22:43	WG871916
Naphthalene	ND		0.00644	1	05/15/2016 22:43	WG871916
(S) Toluene-d8	100		88.5-111		05/15/2016 22:43	WG871916
(S) Dibromofluoromethane	101		78.3-121		05/15/2016 22:43	WG871916
(S) o,o,a-Trifluorotoluene	103		85.0-114		05/15/2016 22:43	WG871916
(S) 4-Bromofluorobenzene	95.7		71.0-126		05/15/2016 22:43	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00773	1	05/17/2016 16:06	WG872196
Acenaphthene	ND		0.00773	1	05/17/2016 16:06	WG872196
Acenaphthylene	ND		0.00773	1	05/17/2016 16:06	WG872196
Benzo(a)anthracene	ND		0.00773	1	05/17/2016 16:06	WG872196
Benzo(a)pyrene	ND		0.00773	1	05/17/2016 16:06	WG872196
Benzo(b)fluoranthene	ND		0.00773	1	05/17/2016 16:06	WG872196
Benzo(g,h,i)perylene	ND		0.00773	1	05/17/2016 16:06	WG872196
Benzo(k)fluoranthene	ND		0.00773	1	05/17/2016 16:06	WG872196
Chrysene	ND		0.00773	1	05/17/2016 16:06	WG872196
Dibenz(a,h)anthracene	ND		0.00773	1	05/17/2016 16:06	WG872196
Fluoranthene	ND		0.00773	1	05/17/2016 16:06	WG872196
Fluorene	ND		0.00773	1	05/17/2016 16:06	WG872196
Indeno(1,2,3-cd)pyrene	ND		0.00773	1	05/17/2016 16:06	WG872196
Naphthalene	ND		0.0258	1	05/17/2016 16:06	WG872196
Phenanthrene	ND		0.00773	1	05/17/2016 16:06	WG872196
Pyrene	ND		0.00773	1	05/17/2016 16:06	WG872196
(S) Nitrobenzene-d5	88.0		22.1-146		05/17/2016 16:06	WG872196
(S) 2-Fluorobiphenyl	76.6		40.6-122		05/17/2016 16:06	WG872196
(S) p-Terphenyl-d14	65.5		32.2-131		05/17/2016 16:06	WG872196

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.5		1	05/13/2016 10:52	WG872108

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00207		0.00116	1	05/15/2016 23:03	WG871916
Toluene	0.00760		0.00578	1	05/15/2016 23:03	WG871916
Ethylbenzene	ND		0.00116	1	05/15/2016 23:03	WG871916
Xylenes, Total	0.00497		0.00347	1	05/15/2016 23:03	WG871916
Naphthalene	ND		0.00578	1	05/15/2016 23:03	WG871916
(S) Toluene-d8	101		88.5-111		05/15/2016 23:03	WG871916
(S) Dibromofluoromethane	104		78.3-121		05/15/2016 23:03	WG871916
(S) a,a,o-Trifluorotoluene	102		85.0-114		05/15/2016 23:03	WG871916
(S) 4-Bromofluorobenzene	95.7		71.0-126		05/15/2016 23:03	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00694	1	05/17/2016 16:27	WG872196
Acenaphthene	ND		0.00694	1	05/17/2016 16:27	WG872196
Acenaphthylene	ND		0.00694	1	05/17/2016 16:27	WG872196
Benzo(a)anthracene	0.0168		0.00694	1	05/17/2016 16:27	WG872196
Benzo(a)pyrene	0.0268		0.00694	1	05/17/2016 16:27	WG872196
Benzo(b)fluoranthene	0.0329		0.00694	1	05/17/2016 16:27	WG872196
Benzo(g,h,i)perylene	0.0199		0.00694	1	05/17/2016 16:27	WG872196
Benzo(k)fluoranthene	0.0129		0.00694	1	05/17/2016 16:27	WG872196
Chrysene	0.0172		0.00694	1	05/17/2016 16:27	WG872196
Dibenz(a,h)anthracene	0.00703		0.00694	1	05/17/2016 16:27	WG872196
Fluoranthene	0.0149		0.00694	1	05/17/2016 16:27	WG872196
Fluorene	ND		0.00694	1	05/17/2016 16:27	WG872196
Indeno(1,2,3-cd)pyrene	0.0186		0.00694	1	05/17/2016 16:27	WG872196
Naphthalene	ND		0.0231	1	05/17/2016 16:27	WG872196
Phenanthrene	ND		0.00694	1	05/17/2016 16:27	WG872196
Pyrene	0.0157		0.00694	1	05/17/2016 16:27	WG872196
(S) Nitrobenzene-d5	84.6		22.1-146		05/17/2016 16:27	WG872196
(S) 2-Fluorobiphenyl	78.0		40.6-122		05/17/2016 16:27	WG872196
(S) p-Terphenyl-d14	74.4		32.2-131		05/17/2016 16:27	WG872196

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

* Collected date/time: 05/09/16 11:40

L834779

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	86.1		1	05/13/2016 10:49	WG872112

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.00150		0.00122	1.05	05/15/2016 23:23	WG871916
Toluene	ND		0.00610	1.05	05/15/2016 23:23	WG871916
Ethylbenzene	ND		0.00122	1.05	05/15/2016 23:23	WG871916
Xylenes, Total	0.00471		0.00366	1.05	05/15/2016 23:23	WG871916
Naphthalene	ND		0.00610	1.05	05/15/2016 23:23	WG871916
(S) Toluene-d8	100		88.5-111		05/15/2016 23:23	WG871916
(S) Dibromofluoromethane	103		78.3-121		05/15/2016 23:23	WG871916
(S) o,o-Trifluorotoluene	101		85.0-114		05/15/2016 23:23	WG871916
(S) 4-Bromofluorobenzene	96.6		71.0-126		05/15/2016 23:23	WG871916

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Anthracene	0.0264		0.00697	1	05/17/2016 16:48	WG872196
Acenaphthene	ND		0.00697	1	05/17/2016 16:48	WG872196
Acenaphthylene	ND		0.00697	1	05/17/2016 16:48	WG872196
Benzo(a)anthracene	0.218		0.00697	1	05/17/2016 16:48	WG872196
Benzo(a)pyrene	0.264		0.00697	1	05/17/2016 16:48	WG872196
Benzo(b)fluoranthene	0.369		0.00697	1	05/17/2016 16:48	WG872196
Benzo(g,h,i)perylene	0.392		0.00697	1	05/17/2016 16:48	WG872196
Benzo(k)fluoranthene	0.163		0.00697	1	05/17/2016 16:48	WG872196
Chrysene	0.290		0.00697	1	05/17/2016 16:48	WG872196
Dibenz(a,h)anthracene	0.107		0.00697	1	05/17/2016 16:48	WG872196
Fluoranthene	0.335		0.00697	1	05/17/2016 16:48	WG872196
Fluorene	ND		0.00697	1	05/17/2016 16:48	WG872196
Indeno(1,2,3-cd)pyrene	0.361		0.00697	1	05/17/2016 16:48	WG872196
Naphthalene	ND		0.0232	1	05/17/2016 16:48	WG872196
Phenanthrene	0.0745		0.00697	1	05/17/2016 16:48	WG872196
Pyrene	0.306		0.00697	1	05/17/2016 16:48	WG872196
(S) Nitrobenzene-d5	84.0		22.1-146		05/17/2016 16:48	WG872196
(S) 2-Fluorobiphenyl	73.5		40.6-122		05/17/2016 16:48	WG872196
(S) p-Terphenyl-d14	74.6		32.2-131		05/17/2016 16:48	WG872196

WG872108

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE. 

Total Solids by Method 2540 G-2011

L834779-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3136450-1 05/13/16 08:34

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.00120			

1 Cp

2 Tc

3 Ss

L834779-05 Original Sample (OS) • Duplicate (DUP)

(OS) L834779-05 05/13/16 10:51 • (DUP) R3136450-3 05/13/16 10:51

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	77.7	78.0	1	0.263		5

4 Cn

5 Sr

6 Oc

Laboratory Control Sample (LCS)

(LCS) R3136450-2 05/13/16 08:35

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

7 Gl

8 Al

9 Sc

WG872112

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Total Solids by Method 2540 G-2011

L834779-11

Method Blank (MB)

(MB) R3136449-1 05/13/16 08:29

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.00120			

1 Cp

2 Tc

3 Ss

L834707-08 Original Sample (OS) • Duplicate (DUP)

(OS) L834707-08 05/13/16 08:32 • (DUP) R3136449-3 05/13/16 08:32

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	62.2	58.6	1	5.97	J3	5

4 Cn

5 Sr

Laboratory Control Sample (LCS)

(LCS) R3136449-2 05/13/16 08:30

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

6 Oc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3137354-3 05/15/16 12:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	100			88.5-111
(S) Dibromofluoromethane	99.1			78.3-121
(S) o,o,o-Trifluorotoluene	102			85.0-114
(S) 4-Bromofluorobenzene	98.1			71.0-126

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Oc
- 7 Gl
- 8 Al
- 9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3137354-1 05/15/16 10:41 • (LCSD) R3137354-2 05/15/16 11:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0244	0.0244	97.5	97.5	70.0-130			0.0300	20
Ethylbenzene	0.0250	0.0261	0.0268	104	107	70.0-130			2.50	20
Naphthalene	0.0250	0.0205	0.0208	82.1	83.1	70.0-130			1.16	20
Toluene	0.0250	0.0247	0.0249	98.9	99.6	70.0-130			0.740	20
Xylenes, Total	0.0750	0.0779	0.0804	104	107	70.0-130			3.09	20
(S) Toluene-d8				99.9	100	88.5-111				
(S) Dibromofluoromethane				100	98.7	78.3-121				
(S) o,o,o-Trifluorotoluene				98.9	101	85.0-114				
(S) 4-Bromofluorobenzene				97.5	98.1	71.0-126				

L834875-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L834875-06 05/15/16 17:14 • (MS) R3137354-4 05/15/16 16:13 • (MSD) R3137354-5 05/15/16 16:33

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	ND	0.115	0.111	91.7	89.2	5	54.3-133			2.81	20
Ethylbenzene	0.0250	ND	0.129	0.122	104	97.8	5	61.4-133			5.74	20
Naphthalene	0.0250	ND	0.0914	0.0902	73.1	72.2	5	58.0-135			1.25	25.5
Toluene	0.0250	ND	0.117	0.114	93.4	91.2	5	61.4-130			2.40	20
Xylenes, Total	0.0750	ND	0.382	0.366	102	97.6	5	63.3-131			4.30	20



L834875-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L834875-06 05/15/16 17:14 • (MS) R3137354-4 05/15/16 16:13 • (MSD) R3137354-5 05/15/16 16:33

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					99.9	99.4		88.5-111				
(S) Dibromofluoromethane					99.1	99.5		78.3-121				
(S) a,a,o-Trifluorotoluene					101	100		85.0-114				
(S) 4-Bromofluorobenzene					97.3	96.0		71.0-126				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3137786-3 05/18/16 08:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Toluene	U		0.000434	0.00500
(S) Toluene-d8	105			88.5-111
(S) Dibromofluoromethane	102			78.3-121
(S) a,a,a-Trifluorotoluene	104			85.0-114
(S) 4-Bromofluorobenzene	99.0			71.0-126

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3137786-1 05/18/16 07:19 • (LCSD) R3137786-2 05/18/16 07:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	0.0250	0.0253	0.0248	101	99.3	70.0-130			1.87	20
(S) Toluene-d8				106	105	88.5-111				
(S) Dibromofluoromethane				101	97.9	78.3-121				
(S) a,a,a-Trifluorotoluene				103	101	85.0-114				
(S) 4-Bromofluorobenzene				99.1	98.7	71.0-126				

6 Qc

7 Gl

8 Al

9 Sc

L835163-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L835163-01 05/18/16 11:49 • (MS) R3137786-4 05/18/16 10:47 • (MSD) R3137786-5 05/18/16 11:08

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Toluene	0.0250	ND	0.113	0.110	90.1	88.1	5	61.4-130			2.22	20
(S) Toluene-d8					105	106		88.5-111				
(S) Dibromofluoromethane					99.8	103		78.3-121				
(S) a,a,a-Trifluorotoluene					101	102		85.0-114				
(S) 4-Bromofluorobenzene					101	104		71.0-126				



Method Blank (MB)

(MB) R3137734-3 05/17/16 09:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
(S) p-Terphenyl-d14	71.9			32.2-131
(S) Nitrobenzene-d5	85.2			22.1-146
(S) 2-Fluorobiphenyl	70.4			40.6-122

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 GI
- 8 AI
- 9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3137734-1 05/17/16 08:57 • (LCSD) R3137734-2 05/17/16 09:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0709	0.0735	88.6	91.8	70.0-130			3.61	20
Acenaphthene	0.0800	0.0677	0.0682	84.7	85.2	70.0-130			0.670	20
Acenaphthylene	0.0800	0.0673	0.0674	84.2	84.2	70.0-130			0.0600	20
Benzo(a)anthracene	0.0800	0.0666	0.0693	83.2	86.6	70.0-130			3.92	20
Benzo(a)pyrene	0.0800	0.0744	0.0782	93.0	97.7	70.0-130			4.90	20
Benzo(b)fluoranthene	0.0800	0.0619	0.0656	77.4	81.9	70.0-130			5.65	20
Benzo(g,h,i)perylene	0.0800	0.0666	0.0685	83.2	85.6	70.0-130			2.81	20
Benzo(k)fluoranthene	0.0800	0.0744	0.0783	93.0	97.9	70.0-130			5.16	20
Chrysene	0.0800	0.0695	0.0722	86.9	90.2	70.0-130			3.77	20
Dibenz(a,h)anthracene	0.0800	0.0658	0.0707	82.3	88.3	70.0-130			7.07	20
Fluoranthene	0.0800	0.0679	0.0695	84.8	86.8	70.0-130			2.34	20

WG872196

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

L834779-01,02,03,04,05,06,07,08,09,10,11

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3137734-1 05/17/16 08:57 • (LCSD) R3137734-2 05/17/16 09:19

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0636	0.0660	79.5	82.5	70.0-130			3.75	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0664	0.0706	82.9	88.2	70.0-130			6.16	20
Naphthalene	0.0800	0.0633	0.0650	79.1	81.3	70.0-130			2.77	20
Phenanthrene	0.0800	0.0622	0.0651	77.8	81.4	70.0-130			4.55	20
Pyrene	0.0800	0.0738	0.0737	92.2	92.2	70.0-130			0.0800	20
(S) p-Terphenyl-d14				74.7	74.7	32.2-131				
(S) Nitrobenzene-d5				90.6	93.9	22.1-146				
(S) 2-Fluorobiphenyl				81.8	80.4	40.6-122				

L834779-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L834779-01 05/17/16 10:01 • (MS) R3137734-4 05/17/16 10:23 • (MSD) R3137734-5 05/17/16 10:44

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0971	ND	0.0833	0.0816	85.8	84.0	1	26.5-141			2.08	25
Acenaphthene	0.0971	ND	0.0812	0.0738	83.7	76.0	1	31.9-130			9.67	25
Acenaphthylene	0.0971	ND	0.0807	0.0740	83.1	76.2	1	33.7-129			8.70	25
Benzo(a)anthracene	0.0971	ND	0.0798	0.0789	82.2	81.3	1	18.3-136			1.08	25
Benzo(a)pyrene	0.0971	ND	0.0894	0.0896	92.1	92.3	1	16.9-135			0.190	25
Benzo(b)fluoranthene	0.0971	ND	0.0776	0.0766	80.0	78.9	1	10.0-134			1.37	25
Benzo(g,h,i)perylene	0.0971	ND	0.0829	0.0790	85.4	81.4	1	14.1-140			4.90	25
Benzo(k)fluoranthene	0.0971	ND	0.0853	0.0842	87.9	86.8	1	18.2-138			1.29	25
Chrysene	0.0971	ND	0.0822	0.0819	84.7	84.4	1	17.1-145			0.370	25
Dibenz(a,h)anthracene	0.0971	ND	0.0826	0.0791	85.1	81.4	1	18.5-138			4.34	25
Fluoranthene	0.0971	ND	0.0844	0.0820	86.9	84.5	1	15.4-144			2.80	25
Fluorene	0.0971	ND	0.0781	0.0756	80.5	77.9	1	23.5-136			3.20	25
Indeno(1,2,3-cd)pyrene	0.0971	ND	0.0822	0.0799	84.7	82.3	1	14.5-142			2.89	25
Naphthalene	0.0971	ND	0.0772	0.0761	79.5	78.4	1	29.2-128			1.44	25
Phenanthrene	0.0971	ND	0.0763	0.0762	78.6	78.5	1	20.1-134			0.200	25
Pyrene	0.0971	ND	0.0881	0.0875	90.8	90.2	1	11.0-148			0.640	25
(S) p-Terphenyl-d14					70.9	71.5		32.2-131				
(S) Nitrobenzene-d5					90.4	90.4		22.1-146				
(S) 2-Fluorobiphenyl					80.6	77.8		40.6-122				

Cp

Tc

Ss

Cn

Sr

Oc

Gl

Al

Sc



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD (dry)	Relative Percent Difference. Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
(S)	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Rec.	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
SDL	Recovery.
MQL	Sample Detection Limit.
Unadj. MQL	Method Quantitation Limit. Unadjusted Method Quantitation Limit.

Qualifier	Description
J3	The associated batch QC was outside the established quality control range for precision.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ^{1*}	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-05-15-05		

Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA	100789
A2LA - ISO 17025 ³	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ^{**} Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

S&ME Inc. - Spartanburg SC

301 Zima Park Drive
Spartanburg, SC 29301

Billing Information:

Accounts Payable
301 Zima Park Drive
Spartanburg, SC 29301

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



Report to:
John Whitehead

Email To: JWhitehead@smeinc.com

Project Description: **Sav-A-Ton**

City/State Collected: **Easley, SC**

Phone: **864-574-2360**
Fax: **864-576-8730**

Client Project #
4226-15-157

Lab Project #
SMESPAR-USTCLOSURE

Collected by (print):
Nathan Williams

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 ___ Same Day200%
 ___ Next Day100%
 ___ Two Day50%
 ___ Three Day25%

Date Results Needed

Email? ___ No ___ Yes
FAX? ___ No ___ Yes

Immediately Packed on Ice **N** ___ **Y** ___

No. of Cntrs

SV8270PAHSIMDSC 4ozAmb-NoPres

TS 4ozClr-NoPres

V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH

L# **834779**

K065

Acctnum: **SMESPAR**

Template: **T11604**

Prelogin: **P550276**

TSR: **690 - Tom Mellette**

PB: **4-19-16**

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIMDSC 4ozAmb-NoPres	TS 4ozClr-NoPres	V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH											
D-1	Grab	SS		5-9-16	0930	6	X	X	X											-01
PL-3		SS			0940	6	X	X	X											-02
PL-4		SS			1000	6	X	X	X											-03
PL-5		SS			1010	6	X	X	X											-04
D-3		SS			1030	6	X	X	X											-05
D-2		SS			1040	6	X	X	X											-06
PL-1		SS			1055	6	X	X	X											-07
PL-2		SS			1115	6	X	X	X											-08
PL-6		SS			1120	6	X	X	X											-09
PL-7		SS			1130	6	X	X	X											-10

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks: pH _____ Temp _____ 0381 3037 2047
Flow _____ Other _____ Hold #

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5-10-16	Time: 1700	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/> _____	Condition: (lab use only) OK
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: 3.0 °C Bottles Received: 666+TB	COC Seal Intact: Y ___ N ___ NA
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5/11/16 Time: 910	pH Checked: NCF:

S&ME Inc. - Spartanburg SC
 301 Zima Park Drive
 Spartanburg, SC 29301

Billing Information:
Accounts Payable
 301 Zima Park Drive
 Spartanburg, SC 29301

Report to:
John Whitehead

Email To: **JWhitehead@smeinc.com**

Project Description: **Sav-A-Tan**

City/State Collected:

Phone: **864-574-2360**
 Fax: **864-576-8730**

Client Project #
4226-15-157

Lab Project #
SMESPAR-USTCLOSURE

Collected by (print):
Nathan Williams

Site/Facility ID #

P.O. #

Collected by (signature):
N.W. Williams
 Immediately Packed on Ice N Y

Rush? (Lab MUST Be Notified)
 Same Day200%
 Next Day100%
 Two Day50%
 Three Day25%

Date Results Needed
 Email? No Yes
 FAX? No Yes

Analysis / Container / Preservative

SV8270PAHSIMDSC 4ozAmb-NoPres	TS 4ozClr-NoPres	V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH																					

Chain of Custody Page 2 of 2

YOUR LAB OF CHOICE

12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859

L# **634779**

Table #

Acctnum: **SMESPAR**
 Template: **T111604**
 Prelogin: **P550276**
 TSR: 690 - Tom Mellette
 PB: **4-19-16**
 Shipped Via: **FedEX Ground**

Rem./Contaminant	Sample # (lab only)
	-11

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIMDSC 4ozAmb-NoPres	TS 4ozClr-NoPres	V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH											
D-4	Grab	SS		5-9-16	1140	6	X	X	X											
		SS				6	X	X	X											
		SS				6	X	X	X											
		SS				6	X	X	X											
		SS				6	X	X	X											
		SS				6	X	X	X											

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks: pH _____ Temp _____ **6381 3037 2047**
 Flow _____ Other _____

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5-10-16	Time: 1700	Received by: (Signature) <i>[Signature]</i>	Samples returned via: <input checked="" type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Courier <input type="checkbox"/>	Condition: (lab use only) OK
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: 3.6 °C Bottles Received: 66+TB	COC Seal Intact: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5/11/16 Time: 9:10	pH Checked: NCF:

May 23, 2016

S&ME Inc. - Spartanburg SC

Sample Delivery Group: L835119
Samples Received: 05/12/2016
Project Number: 4226-15-157
Description: Sav-a-Ton

Report To: John Whitehead
301 Zima Park Drive
Spartanburg, SC 29301

Entire Report Reviewed By:












Tom Mellette
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

PL-8 L835119-01 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 13:40 Received date/time
05/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 09:18	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 10:59	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG873722	21.5	05/18/16 21:57	05/19/16 04:16	JHH

1
Cp

2
Tc

3
Ss

PL-9 L835119-02 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 13:50 Received date/time
05/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 09:40	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 10:59	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	1.01	05/16/16 16:00	05/16/16 20:24	BMB

4
Cn

5
Sr

6
Qc

7
Gl

PL-10 L835119-03 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 14:00 Received date/time
05/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 10:01	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 11:00	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	1	05/16/16 16:00	05/16/16 20:46	BMB

8
Al

9
Sc

D-5 L835119-04 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 14:10 Received date/time
05/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 10:22	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 11:00	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	1.4	05/16/16 16:00	05/16/16 21:09	BMB

PL-11 L835119-05 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 14:20 Received date/time
05/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 10:44	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 11:00	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	1	05/16/16 16:00	05/16/16 21:31	BMB

PL-12 L835119-06 Solid

Collected by
Nathan Williams Collected date/time
05/09/16 14:30 Received date/time
05/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 11:05	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 11:00	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	20.75	05/16/16 16:00	05/16/16 21:54	BMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG873722	415	05/18/16 21:57	05/19/16 04:36	JHH

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.

D-6 L835119-07 Solid					
			Collected by Nathan Williams	Collected date/time 05/09/16 14:40	Received date/time 05/12/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 11:27	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 09:48	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	1	05/16/16 16:00	05/16/16 22:17	BMB

1
Cp

2
Tc

3
Ss

D-7 L835119-08 Solid					
			Collected by Nathan Williams	Collected date/time 05/09/16 14:50	Received date/time 05/12/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 11:48	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 11:01	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	15.75	05/16/16 16:00	05/16/16 22:39	BMB

4
Cn

5
Sr

6
Qc

7
Gl

D-8 L835119-09 Solid					
			Collected by Nathan Williams	Collected date/time 05/09/16 15:00	Received date/time 05/12/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 12:09	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 11:01	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	1.04	05/16/16 16:00	05/16/16 23:01	BMB

8
Al

9
Sc

D-9 L835119-10 Solid					
			Collected by Nathan Williams	Collected date/time 05/09/16 15:10	Received date/time 05/12/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG873932	1	05/19/16 23:32	05/21/16 03:16	KMP
Total Solids by Method 2540 G-2011	WG872344	1	05/13/16 11:49	05/14/16 09:49	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	19.25	05/16/16 16:00	05/16/16 23:23	BMB

D-10 L835119-11 Solid					
			Collected by Nathan Williams	Collected date/time 05/09/16 15:20	Received date/time 05/12/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 12:52	KMP
Total Solids by Method 2540 G-2011	WG872544	1	05/14/16 11:25	05/16/16 10:44	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	10.5	05/16/16 16:00	05/16/16 23:45	BMB

D-11 L835119-12 Solid					
			Collected by Nathan Williams	Collected date/time 05/09/16 15:30	Received date/time 05/12/16 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG872615	1	05/17/16 16:18	05/18/16 13:14	KMP
Total Solids by Method 2540 G-2011	WG872544	1	05/14/16 11:25	05/16/16 10:44	MEL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG872232	1	05/16/16 16:00	05/17/16 00:07	BMB



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Tom Mellette
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Collected date/time: 05/09/16 13:40

L835119

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	78.7		1	05/14/2016 10:59	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.154		0.0273	21.5	05/19/2016 04:16	WG873722
Toluene	2.11		0.137	21.5	05/19/2016 04:16	WG873722
Ethylbenzene	0.678		0.0273	21.5	05/19/2016 04:16	WG873722
Xylenes, Total	3.82		0.0820	21.5	05/19/2016 04:16	WG873722
Naphthalene	0.243		0.137	21.5	05/19/2016 04:16	WG873722
(S) Toluene-d8	106		88.5-111		05/19/2016 04:16	WG873722
(S) Dibromofluoromethane	90.8		78.3-121		05/19/2016 04:16	WG873722
(S) a,a-o-Trifluorotoluene	110		85.0-114		05/19/2016 04:16	WG873722
(S) 4-Bromofluorobenzene	110		71.0-126		05/19/2016 04:16	WG873722

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0805		0.00763	1	05/18/2016 09:18	WG872615
Acenaphthene	0.110		0.00763	1	05/18/2016 09:18	WG872615
Acenaphthylene	0.0808		0.00763	1	05/18/2016 09:18	WG872615
Benzo(a)anthracene	0.0723		0.00763	1	05/18/2016 09:18	WG872615
Benzo(a)pyrene	0.0778		0.00763	1	05/18/2016 09:18	WG872615
Benzo(b)fluoranthene	0.0670		0.00763	1	05/18/2016 09:18	WG872615
Benzo(g,h,i)perylene	0.0799		0.00763	1	05/18/2016 09:18	WG872615
Benzo(k)fluoranthene	0.0675		0.00763	1	05/18/2016 09:18	WG872615
Chrysene	0.0760		0.00763	1	05/18/2016 09:18	WG872615
Dibenz(a,h)anthracene	0.0844		0.00763	1	05/18/2016 09:18	WG872615
Fluoranthene	0.0596		0.00763	1	05/18/2016 09:18	WG872615
Fluorene	0.0934		0.00763	1	05/18/2016 09:18	WG872615
Indeno(1,2,3-cd)pyrene	0.0800		0.00763	1	05/18/2016 09:18	WG872615
Naphthalene	0.176		0.0254	1	05/18/2016 09:18	WG872615
Phenanthrene	0.0896		0.00763	1	05/18/2016 09:18	WG872615
Pyrene	0.160		0.00763	1	05/18/2016 09:18	WG872615
(S) Nitrobenzene-d5	130		22.1-146		05/18/2016 09:18	WG872615
(S) 2-Fluorobiphenyl	65.1		40.6-122		05/18/2016 09:18	WG872615
(S) p-Terphenyl-d14	73.2		32.2-131		05/18/2016 09:18	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 13:50

L835119

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	90.9		1	05/14/2016 10:59	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00359		0.00111	1.01	05/16/2016 20:24	WG872232
Toluene	0.0431		0.00555	1.01	05/16/2016 20:24	WG872232
Ethylbenzene	0.0101		0.00111	1.01	05/16/2016 20:24	WG872232
Xylenes, Total	0.0587		0.00333	1.01	05/16/2016 20:24	WG872232
Naphthalene	ND		0.00555	1.01	05/16/2016 20:24	WG872232
(S) Toluene-d8	105		88.5-111		05/16/2016 20:24	WG872232
(S) Dibromofluoromethane	114		78.3-121		05/16/2016 20:24	WG872232
(S) o,o-Trifluorotoluene	91.8		85.0-114		05/16/2016 20:24	WG872232
(S) 4-Bromofluorobenzene	92.0		71.0-126		05/16/2016 20:24	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00660	1	05/18/2016 09:40	WG872615
Acenaphthene	ND		0.00660	1	05/18/2016 09:40	WG872615
Acenaphthylene	ND		0.00660	1	05/18/2016 09:40	WG872615
Benzo(a)anthracene	ND		0.00660	1	05/18/2016 09:40	WG872615
Benzo(a)pyrene	ND		0.00660	1	05/18/2016 09:40	WG872615
Benzo(b)fluoranthene	ND		0.00660	1	05/18/2016 09:40	WG872615
Benzo(g,h,i)perylene	ND		0.00660	1	05/18/2016 09:40	WG872615
Benzo(k)fluoranthene	ND		0.00660	1	05/18/2016 09:40	WG872615
Chrysene	ND		0.00660	1	05/18/2016 09:40	WG872615
Dibenz(a,h)anthracene	ND		0.00660	1	05/18/2016 09:40	WG872615
Fluoranthene	0.00742		0.00660	1	05/18/2016 09:40	WG872615
Fluorene	ND		0.00660	1	05/18/2016 09:40	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00660	1	05/18/2016 09:40	WG872615
Naphthalene	ND		0.0220	1	05/18/2016 09:40	WG872615
Phenanthrene	ND		0.00660	1	05/18/2016 09:40	WG872615
Pyrene	ND		0.00660	1	05/18/2016 09:40	WG872615
(S) Nitrobenzene-d5	79.5		22.1-146		05/18/2016 09:40	WG872615
(S) 2-Fluorobiphenyl	54.8		40.6-122		05/18/2016 09:40	WG872615
(S) p-Terphenyl-d14	56.7		32.2-131		05/18/2016 09:40	WG872615

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Collected date/time: 05/09/16 14:00

L835119

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	68.7		1	05/14/2016 11:00	WG872344

1 Cp

2 Tc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.0171		0.00145	1	05/16/2016 20:46	WG872232
Toluene	0.0905		0.00727	1	05/16/2016 20:46	WG872232
Ethylbenzene	0.0190		0.00145	1	05/16/2016 20:46	WG872232
Xylenes, Total	0.0981		0.00436	1	05/16/2016 20:46	WG872232
Naphthalene	ND		0.00727	1	05/16/2016 20:46	WG872232
(S) Toluene-d8	105		88.5-111		05/16/2016 20:46	WG872232
(S) Dibromofluoromethane	113		78.3-121		05/16/2016 20:46	WG872232
(S) o,o,-Trifluorotoluene	92.9		85.0-114		05/16/2016 20:46	WG872232
(S) 4-Bromofluorobenzene	94.9		71.0-126		05/16/2016 20:46	WG872232

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00873	1	05/18/2016 10:01	WG872615
Acenaphthene	ND		0.00873	1	05/18/2016 10:01	WG872615
Acenaphthylene	ND		0.00873	1	05/18/2016 10:01	WG872615
Benzo(a)anthracene	ND		0.00873	1	05/18/2016 10:01	WG872615
Benzo(a)pyrene	ND		0.00873	1	05/18/2016 10:01	WG872615
Benzo(b)fluoranthene	ND		0.00873	1	05/18/2016 10:01	WG872615
Benzo(g,h,i)perylene	ND		0.00873	1	05/18/2016 10:01	WG872615
Benzo(k)fluoranthene	ND		0.00873	1	05/18/2016 10:01	WG872615
Chrysene	ND		0.00873	1	05/18/2016 10:01	WG872615
Dibenz(a,h)anthracene	ND		0.00873	1	05/18/2016 10:01	WG872615
Fluoranthene	ND		0.00873	1	05/18/2016 10:01	WG872615
Fluorene	ND		0.00873	1	05/18/2016 10:01	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00873	1	05/18/2016 10:01	WG872615
Naphthalene	ND		0.0291	1	05/18/2016 10:01	WG872615
Phenanthrene	ND		0.00873	1	05/18/2016 10:01	WG872615
Pyrene	ND		0.00873	1	05/18/2016 10:01	WG872615
(S) Nitrobenzene-d5	63.3		22.1-146		05/18/2016 10:01	WG872615
(S) 2-Fluorobiphenyl	65.9		40.6-122		05/18/2016 10:01	WG872615
(S) p-Terphenyl-d14	66.4		32.2-131		05/18/2016 10:01	WG872615

9 Sc



Collected date/time: 05/09/16 14:10

L835119

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	74.4		1	05/14/2016 11:00	WG872344

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00585		0.00188	1.4	05/16/2016 21:09	WG872232
Toluene	0.0176		0.00941	1.4	05/16/2016 21:09	WG872232
Ethylbenzene	0.00200		0.00188	1.4	05/16/2016 21:09	WG872232
Xylenes, Total	0.0105		0.00564	1.4	05/16/2016 21:09	WG872232
Naphthalene	ND		0.00941	1.4	05/16/2016 21:09	WG872232
(S) Toluene-d8	102		88.5-111		05/16/2016 21:09	WG872232
(S) Dibromofluoromethane	114		78.3-121		05/16/2016 21:09	WG872232
(S) o,o-Trifluorotoluene	93.6		85.0-114		05/16/2016 21:09	WG872232
(S) 4-Bromofluorobenzene	89.0		71.0-126		05/16/2016 21:09	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00806	1	05/18/2016 10:22	WG872615
Acenaphthene	ND		0.00806	1	05/18/2016 10:22	WG872615
Acenaphthylene	ND		0.00806	1	05/18/2016 10:22	WG872615
Benzo(a)anthracene	ND		0.00806	1	05/18/2016 10:22	WG872615
Benzo(a)pyrene	ND		0.00806	1	05/18/2016 10:22	WG872615
Benzo(b)fluoranthene	ND		0.00806	1	05/18/2016 10:22	WG872615
Benzo(g,h,i)perylene	ND		0.00806	1	05/18/2016 10:22	WG872615
Benzo(k)fluoranthene	ND		0.00806	1	05/18/2016 10:22	WG872615
Chrysene	ND		0.00806	1	05/18/2016 10:22	WG872615
Dibenz(a,h)anthracene	ND		0.00806	1	05/18/2016 10:22	WG872615
Fluoranthene	ND		0.00806	1	05/18/2016 10:22	WG872615
Fluorene	ND		0.00806	1	05/18/2016 10:22	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00806	1	05/18/2016 10:22	WG872615
Naphthalene	ND		0.0269	1	05/18/2016 10:22	WG872615
Phenanthrene	ND		0.00806	1	05/18/2016 10:22	WG872615
Pyrene	ND		0.00806	1	05/18/2016 10:22	WG872615
(S) Nitrobenzene-d5	70.7		22.1-146		05/18/2016 10:22	WG872615
(S) 2-Fluorobiphenyl	64.4		40.6-122		05/18/2016 10:22	WG872615
(S) p-Terphenyl-d14	66.6		32.2-131		05/18/2016 10:22	WG872615



Collected date/time: 05/09/16 14:20

L835119

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	74.5		1	05/14/2016 11:00	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.0167		0.00134	1	05/16/2016 21:31	WG872232
Toluene	0.146		0.00671	1	05/16/2016 21:31	WG872232
Ethylbenzene	0.0253		0.00134	1	05/16/2016 21:31	WG872232
Xylenes, Total	0.118		0.00403	1	05/16/2016 21:31	WG872232
Naphthalene	ND		0.00671	1	05/16/2016 21:31	WG872232
(S) Toluene-d8	105		88.5-111		05/16/2016 21:31	WG872232
(S) Dibromofluoromethane	114		78.3-121		05/16/2016 21:31	WG872232
(S) o,o,a-Trifluorotoluene	90.1		85.0-114		05/16/2016 21:31	WG872232
(S) 4-Bromofluorobenzene	87.3		71.0-126		05/16/2016 21:31	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00805	1	05/18/2016 10:44	WG872615
Acenaphthene	ND		0.00805	1	05/18/2016 10:44	WG872615
Acenaphthylene	ND		0.00805	1	05/18/2016 10:44	WG872615
Benzo(a)anthracene	ND		0.00805	1	05/18/2016 10:44	WG872615
Benzo(a)pyrene	ND		0.00805	1	05/18/2016 10:44	WG872615
Benzo(b)fluoranthene	ND		0.00805	1	05/18/2016 10:44	WG872615
Benzo(g,h,i)perylene	ND		0.00805	1	05/18/2016 10:44	WG872615
Benzo(k)fluoranthene	ND		0.00805	1	05/18/2016 10:44	WG872615
Chrysene	ND		0.00805	1	05/18/2016 10:44	WG872615
Dibenz(a,h)anthracene	ND		0.00805	1	05/18/2016 10:44	WG872615
Fluoranthene	ND		0.00805	1	05/18/2016 10:44	WG872615
Fluorene	ND		0.00805	1	05/18/2016 10:44	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00805	1	05/18/2016 10:44	WG872615
Naphthalene	ND		0.0268	1	05/18/2016 10:44	WG872615
Phenanthrene	ND		0.00805	1	05/18/2016 10:44	WG872615
Pyrene	ND		0.00805	1	05/18/2016 10:44	WG872615
(S) Nitrobenzene-d5	67.1		22.1-146		05/18/2016 10:44	WG872615
(S) 2-Fluorobiphenyl	60.4		40.6-122		05/18/2016 10:44	WG872615
(S) p-Terphenyl-d14	61.9		32.2-131		05/18/2016 10:44	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 14:30

L835119

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.0		1	05/14/2016 11:00	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.121		0.0288	20.75	05/16/2016 21:54	WG872232
Toluene	4.82		0.144	20.75	05/16/2016 21:54	WG872232
Ethylbenzene	7.90		0.576	415	05/19/2016 04:36	WG873722
Xylenes, Total	51.2		1.73	415	05/19/2016 04:36	WG873722
Naphthalene	8.35		2.88	415	05/19/2016 04:36	WG873722
(S) Toluene-d8	104		88.5-111		05/19/2016 04:36	WG873722
(S) Toluene-d8	94.1		88.5-111		05/16/2016 21:54	WG872232
(S) Dibromofluoromethane	96.4		78.3-121		05/16/2016 21:54	WG872232
(S) Dibromofluoromethane	93.8		78.3-121		05/19/2016 04:36	WG873722
(S) o,o,o-Trifluorotoluene	110		85.0-114		05/19/2016 04:36	WG873722
(S) o,o,o-Trifluorotoluene	90.8		85.0-114		05/16/2016 21:54	WG872232
(S) 4-Bromofluorobenzene	105		71.0-126		05/16/2016 21:54	WG872232
(S) 4-Bromofluorobenzene	104		71.0-126		05/19/2016 04:36	WG873722

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00833	1	05/18/2016 11:05	WG872615
Acenaphthene	ND		0.00833	1	05/18/2016 11:05	WG872615
Acenaphthylene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(a)anthracene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(a)pyrene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(b)fluoranthene	0.00889		0.00833	1	05/18/2016 11:05	WG872615
Benzo(g,h,i)perylene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(k)fluoranthene	ND		0.00833	1	05/18/2016 11:05	WG872615
Chrysene	ND		0.00833	1	05/18/2016 11:05	WG872615
Dibenz(a,h)anthracene	ND		0.00833	1	05/18/2016 11:05	WG872615
Fluoranthene	0.0150		0.00833	1	05/18/2016 11:05	WG872615
Fluorene	ND		0.00833	1	05/18/2016 11:05	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00833	1	05/18/2016 11:05	WG872615
Naphthalene	0.976		0.0278	1	05/18/2016 11:05	WG872615
Phenanthrene	ND		0.00833	1	05/18/2016 11:05	WG872615
Pyrene	0.0130		0.00833	1	05/18/2016 11:05	WG872615
(S) Nitrobenzene-d5	91.2		22.1-146		05/18/2016 11:05	WG872615
(S) 2-Fluorobiphenyl	67.5		40.6-122		05/18/2016 11:05	WG872615
(S) p-Terphenyl-d14	79.5		32.2-131		05/18/2016 11:05	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 14:40

L835119

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	75.8		1	05/14/2016 09:48	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.00704		0.00132	1	05/16/2016 22:17	WG872232
Toluene	0.0773		0.00660	1	05/16/2016 22:17	WG872232
Ethylbenzene	0.0104		0.00132	1	05/16/2016 22:17	WG872232
Xylenes, Total	0.0480		0.00396	1	05/16/2016 22:17	WG872232
Naphthalene	ND		0.00660	1	05/16/2016 22:17	WG872232
(S) Toluene-d8	113	J1	88.5-111		05/16/2016 22:17	WG872232
(S) Dibromofluoromethane	101		78.3-121		05/16/2016 22:17	WG872232
(S) o,o-Trifluorotoluene	96.2		85.0-114		05/16/2016 22:17	WG872232
(S) 4-Bromofluorobenzene	89.9		71.0-126		05/16/2016 22:17	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00792	1	05/18/2016 11:27	WG872615
Acenaphthene	ND		0.00792	1	05/18/2016 11:27	WG872615
Acenaphthylene	ND		0.00792	1	05/18/2016 11:27	WG872615
Benzo(a)anthracene	ND		0.00792	1	05/18/2016 11:27	WG872615
Benzo(a)pyrene	ND		0.00792	1	05/18/2016 11:27	WG872615
Benzo(b)fluoranthene	ND		0.00792	1	05/18/2016 11:27	WG872615
Benzo(g,h,i)perylene	ND		0.00792	1	05/18/2016 11:27	WG872615
Benzo(k)fluoranthene	ND		0.00792	1	05/18/2016 11:27	WG872615
Chrysene	ND		0.00792	1	05/18/2016 11:27	WG872615
Dibenz(a,h)anthracene	ND		0.00792	1	05/18/2016 11:27	WG872615
Fluoranthene	ND		0.00792	1	05/18/2016 11:27	WG872615
Fluorene	ND		0.00792	1	05/18/2016 11:27	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00792	1	05/18/2016 11:27	WG872615
Naphthalene	ND		0.0264	1	05/18/2016 11:27	WG872615
Phenanthrene	ND		0.00792	1	05/18/2016 11:27	WG872615
Pyrene	ND		0.00792	1	05/18/2016 11:27	WG872615
(S) Nitrobenzene-d5	69.2		22.1-146		05/18/2016 11:27	WG872615
(S) 2-Fluorobiphenyl	52.9		40.6-122		05/18/2016 11:27	WG872615
(S) p-Terphenyl-d14	54.3		32.2-131		05/18/2016 11:27	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collecte~~d~~ date/time: 05/09/16 14:50

L835119

Total Solids by Method 2540 G-2011

Analyte	Result %	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	73.6		1	05/14/2016 11:01	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Benzene	0.0500		0.0214	15.75	05/16/2016 22:39	WG872232
Toluene	0.655		0.107	15.75	05/16/2016 22:39	WG872232
Ethylbenzene	0.288		0.0214	15.75	05/16/2016 22:39	WG872232
Xylenes, Total	1.75		0.0642	15.75	05/16/2016 22:39	WG872232
Naphthalene	0.641		0.107	15.75	05/16/2016 22:39	WG872232
(S) Toluene-d8	104		88.5-111		05/16/2016 22:39	WG872232
(S) Dibromofluoromethane	107		78.3-121		05/16/2016 22:39	WG872232
(S) o,o,a-Trifluorotoluene	91.4		85.0-114		05/16/2016 22:39	WG872232
(S) 4-Bromofluorobenzene	93.7		71.0-126		05/16/2016 22:39	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry) mg/kg	Qualifier	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00815	1	05/18/2016 11:48	WG872615
Acenaphthene	ND		0.00815	1	05/18/2016 11:48	WG872615
Acenaphthylene	ND		0.00815	1	05/18/2016 11:48	WG872615
Benzo(a)anthracene	ND		0.00815	1	05/18/2016 11:48	WG872615
Benzo(a)pyrene	ND		0.00815	1	05/18/2016 11:48	WG872615
Benzo(b)fluoranthene	ND		0.00815	1	05/18/2016 11:48	WG872615
Benzo(g,h,i)perylene	ND		0.00815	1	05/18/2016 11:48	WG872615
Benzo(k)fluoranthene	ND		0.00815	1	05/18/2016 11:48	WG872615
Chrysene	ND		0.00815	1	05/18/2016 11:48	WG872615
Dibenz(a,h)anthracene	ND		0.00815	1	05/18/2016 11:48	WG872615
Fluoranthene	ND		0.00815	1	05/18/2016 11:48	WG872615
Fluorene	ND		0.00815	1	05/18/2016 11:48	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00815	1	05/18/2016 11:48	WG872615
Naphthalene	0.174		0.0272	1	05/18/2016 11:48	WG872615
Phenanthrene	ND		0.00815	1	05/18/2016 11:48	WG872615
Pyrene	ND		0.00815	1	05/18/2016 11:48	WG872615
(S) Nitrobenzene-d5	83.4		22.1-146		05/18/2016 11:48	WG872615
(S) 2-Fluorobiphenyl	60.2		40.6-122		05/18/2016 11:48	WG872615
(S) p-Terphenyl-d14	71.6		32.2-131		05/18/2016 11:48	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collect date/time: 05/09/16 15:00

L835119

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	77.7		1	05/14/2016 11:01	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.00573		0.00134	1.04	05/16/2016 23:01	WG872232
Toluene	0.0866		0.00669	1.04	05/16/2016 23:01	WG872232
Ethylbenzene	0.0287		0.00134	1.04	05/16/2016 23:01	WG872232
Xylenes, Total	0.145		0.00402	1.04	05/16/2016 23:01	WG872232
Naphthalene	ND		0.00669	1.04	05/16/2016 23:01	WG872232
(S) Toluene-d8	101		88.5-111		05/16/2016 23:01	WG872232
(S) Dibromofluoromethane	108		78.3-121		05/16/2016 23:01	WG872232
(S) o,o-Trifluorotoluene	91.3		85.0-114		05/16/2016 23:01	WG872232
(S) 4-Bromofluorobenzene	105		71.0-126		05/16/2016 23:01	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00772	1	05/18/2016 12:09	WG872615
Acenaphthene	ND		0.00772	1	05/18/2016 12:09	WG872615
Acenaphthylene	ND		0.00772	1	05/18/2016 12:09	WG872615
Benzo(a)anthracene	ND		0.00772	1	05/18/2016 12:09	WG872615
Benzo(a)pyrene	ND		0.00772	1	05/18/2016 12:09	WG872615
Benzo(b)fluoranthene	ND		0.00772	1	05/18/2016 12:09	WG872615
Benzo(g,h,i)perylene	ND		0.00772	1	05/18/2016 12:09	WG872615
Benzo(k)fluoranthene	ND		0.00772	1	05/18/2016 12:09	WG872615
Chrysene	ND		0.00772	1	05/18/2016 12:09	WG872615
Dibenz(a,h)anthracene	ND		0.00772	1	05/18/2016 12:09	WG872615
Fluoranthene	ND		0.00772	1	05/18/2016 12:09	WG872615
Fluorene	ND		0.00772	1	05/18/2016 12:09	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00772	1	05/18/2016 12:09	WG872615
Naphthalene	ND		0.0257	1	05/18/2016 12:09	WG872615
Phenanthrene	ND		0.00772	1	05/18/2016 12:09	WG872615
Pyrene	ND		0.00772	1	05/18/2016 12:09	WG872615
(S) Nitrobenzene-d5	77.9		22.1-146		05/18/2016 12:09	WG872615
(S) 2-Fluorobiphenyl	69.8		40.6-122		05/18/2016 12:09	WG872615
(S) p-Terphenyl-d14	68.8		32.2-131		05/18/2016 12:09	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 15:10

L835119

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.7		1	05/14/2016 09:49	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	ND		0.0238	19.25	05/16/2016 23:23	WG872232
Toluene	0.588		0.119	19.25	05/16/2016 23:23	WG872232
Ethylbenzene	0.320		0.0238	19.25	05/16/2016 23:23	WG872232
Xylenes, Total	1.69		0.0715	19.25	05/16/2016 23:23	WG872232
Naphthalene	ND		0.119	19.25	05/16/2016 23:23	WG872232
(S) Toluene-d8	104		88.5-111		05/16/2016 23:23	WG872232
(S) Dibromofluoromethane	105		78.3-121		05/16/2016 23:23	WG872232
(S) o,o,-Trifluorotoluene	91.8		85.0-114		05/16/2016 23:23	WG872232
(S) 4-Bromofluorobenzene	98.8		71.0-126		05/16/2016 23:23	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	0.0428		0.00743	1	05/21/2016 03:16	WG873932
Acenaphthene	0.0354		0.00743	1	05/21/2016 03:16	WG873932
Acenaphthylene	0.00745		0.00743	1	05/21/2016 03:16	WG873932
Benzo(a)anthracene	ND		0.00743	1	05/21/2016 03:16	WG873932
Benzo(a)pyrene	ND	J4	0.00743	1	05/21/2016 03:16	WG873932
Benzo(b)fluoranthene	ND	J3 J4	0.00743	1	05/21/2016 03:16	WG873932
Benzo(g,h,i)perylene	ND	J3 J4	0.00743	1	05/21/2016 03:16	WG873932
Benzo(k)fluoranthene	ND	J3 J4	0.00743	1	05/21/2016 03:16	WG873932
Chrysene	ND		0.00743	1	05/21/2016 03:16	WG873932
Dibenz(a,h)anthracene	ND	J4	0.00743	1	05/21/2016 03:16	WG873932
Fluoranthene	ND		0.00743	1	05/21/2016 03:16	WG873932
Fluorene	0.0321		0.00743	1	05/21/2016 03:16	WG873932
Indeno(1,2,3-cd)pyrene	ND	J4	0.00743	1	05/21/2016 03:16	WG873932
Naphthalene	0.0544		0.0248	1	05/21/2016 03:16	WG873932
Phenanthrene	0.0247		0.00743	1	05/21/2016 03:16	WG873932
Pyrene	0.0727		0.00743	1	05/21/2016 03:16	WG873932
(S) Nitrobenzene-d5	100		22.1-146		05/21/2016 03:16	WG873932
(S) 2-Fluorobiphenyl	67.6		40.6-122		05/21/2016 03:16	WG873932
(S) p-Terphenyl-d14	63.7		32.2-131		05/21/2016 03:16	WG873932

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 15:20

L835119

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.1		1	05/16/2016 10:44	WG872544

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.0878		0.0140	10.5	05/16/2016 23:45	WG872232
Toluene	0.993		0.0699	10.5	05/16/2016 23:45	WG872232
Ethylbenzene	0.275		0.0140	10.5	05/16/2016 23:45	WG872232
Xylenes, Total	1.51		0.0419	10.5	05/16/2016 23:45	WG872232
Naphthalene	ND		0.0699	10.5	05/16/2016 23:45	WG872232
(S) Toluene-d8	105		88.5-111		05/16/2016 23:45	WG872232
(S) Dibromofluoromethane	97.0		78.3-121		05/16/2016 23:45	WG872232
(S) o,o,a-Trifluorotoluene	90.5		85.0-114		05/16/2016 23:45	WG872232
(S) 4-Bromofluorobenzene	92.8		71.0-126		05/16/2016 23:45	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00799	1	05/18/2016 12:52	WG872615
Acenaphthene	ND		0.00799	1	05/18/2016 12:52	WG872615
Acenaphthylene	ND		0.00799	1	05/18/2016 12:52	WG872615
Benzo(a)anthracene	ND		0.00799	1	05/18/2016 12:52	WG872615
Benzo(a)pyrene	ND		0.00799	1	05/18/2016 12:52	WG872615
Benzo(b)fluoranthene	ND		0.00799	1	05/18/2016 12:52	WG872615
Benzo(g,h,i)perylene	ND		0.00799	1	05/18/2016 12:52	WG872615
Benzo(k)fluoranthene	ND		0.00799	1	05/18/2016 12:52	WG872615
Chrysene	ND		0.00799	1	05/18/2016 12:52	WG872615
Dibenz(a,h)anthracene	ND		0.00799	1	05/18/2016 12:52	WG872615
Fluoranthene	ND		0.00799	1	05/18/2016 12:52	WG872615
Fluorene	ND		0.00799	1	05/18/2016 12:52	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00799	1	05/18/2016 12:52	WG872615
Naphthalene	ND		0.0266	1	05/18/2016 12:52	WG872615
Phenanthrene	ND		0.00799	1	05/18/2016 12:52	WG872615
Pyrene	ND		0.00799	1	05/18/2016 12:52	WG872615
(S) Nitrobenzene-d5	55.6		22.1-146		05/18/2016 12:52	WG872615
(S) 2-Fluorobiphenyl	49.8		40.6-122		05/18/2016 12:52	WG872615
(S) p-Terphenyl-d14	60.7		32.2-131		05/18/2016 12:52	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 05/09/16 15:30

LB35119

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	68.7		1	05/16/2016 10:44	WG872544

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	0.0181		0.00145	1	05/17/2016 00:07	WG872232
Toluene	0.160		0.00727	1	05/17/2016 00:07	WG872232
Ethylbenzene	0.0437		0.00145	1	05/17/2016 00:07	WG872232
Xylenes, Total	0.250		0.00436	1	05/17/2016 00:07	WG872232
Naphthalene	ND		0.00727	1	05/17/2016 00:07	WG872232
(S) Toluene-d8	101		88.5-111		05/17/2016 00:07	WG872232
(S) Dibromofluoromethane	106		78.3-121		05/17/2016 00:07	WG872232
(S) o,o,o-Trifluorotoluene	91.6		85.0-114		05/17/2016 00:07	WG872232
(S) 4-Bromofluorobenzene	97.4		71.0-126		05/17/2016 00:07	WG872232

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00873	1	05/18/2016 13:14	WG872615
Acenaphthene	ND		0.00873	1	05/18/2016 13:14	WG872615
Acenaphthylene	ND		0.00873	1	05/18/2016 13:14	WG872615
Benzo(a)anthracene	ND		0.00873	1	05/18/2016 13:14	WG872615
Benzo(a)pyrene	ND		0.00873	1	05/18/2016 13:14	WG872615
Benzo(b)fluoranthene	ND		0.00873	1	05/18/2016 13:14	WG872615
Benzo(g,h,i)perylene	ND		0.00873	1	05/18/2016 13:14	WG872615
Benzo(k)fluoranthene	ND		0.00873	1	05/18/2016 13:14	WG872615
Chrysene	ND		0.00873	1	05/18/2016 13:14	WG872615
Dibenz(a,h)anthracene	ND		0.00873	1	05/18/2016 13:14	WG872615
Fluoranthene	ND		0.00873	1	05/18/2016 13:14	WG872615
Fluorene	ND		0.00873	1	05/18/2016 13:14	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00873	1	05/18/2016 13:14	WG872615
Naphthalene	ND		0.0291	1	05/18/2016 13:14	WG872615
Phenanthrene	ND		0.00873	1	05/18/2016 13:14	WG872615
Pyrene	ND		0.00873	1	05/18/2016 13:14	WG872615
(S) Nitrobenzene-d5	77.1		22.1-146		05/18/2016 13:14	WG872615
(S) 2-Fluorobiphenyl	67.8		40.6-122		05/18/2016 13:14	WG872615
(S) p-Terphenyl-d14	69.2		32.2-131		05/18/2016 13:14	WG872615

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Total Solids by Method 2540 G-2011

L835119-01,02,03,04,05,06,07,08,09,10

Method Blank (MB)

(MB) R3136732-1 05/14/16 08:28

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000800			

1 Cp

2 Tc

3 Ss

L835119-03 Original Sample (OS) • Duplicate (DUP)

(OS) L835119-03 05/14/16 11:00 - (DUP) R3136732-3 05/14/16 11:00

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	68.7	68.7	1	0.00534		5

4 Cn

5 Sr

6 Oc

Laboratory Control Sample (LCS)

(LCS) R3136732-2 05/14/16 08:28

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	99.9	85.0-115	

7 Gl

8 Al

9 Sc

WG872544

Total Solids by Method 2540 G-2011

QUALITY CONTROL SUMMARY

L835119-11,12

ONE LAB. NATIONWIDE.



Method Blank (MB)

(MB) R3136944-1 05/16/16 08:14

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000800			

¹ Cp

² Tc

³ Ss

L835490-01 Original Sample (OS) • Duplicate (DUP)

(OS) L835490-01 05/16/16 10:44 • (DUP) R3136944-3 05/16/16 10:45

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	83.5	83.2	1	0.421		5

⁴ Cn

⁵ Sr

Laboratory Control Sample (LCS)

(LCS) R3136944-2 05/16/16 08:14

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3137496-3 05/16/16 17:47

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	100			88.5-111
(S) Dibromofluoromethane	107			78.3-121
(S) o,a,a-Trifluorotoluene	93.4			85.0-114
(S) 4-Bromofluorobenzene	90.1			71.0-126

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3137496-1 05/16/16 16:17 • (LCSD) R3137496-2 05/16/16 16:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0236	0.0239	94.5	95.6	70.0-130			1.14	20
Ethylbenzene	0.0250	0.0251	0.0240	100	96.0	70.0-130			4.43	20
Naphthalene	0.0250	0.0184	0.0186	73.6	74.5	70.0-130			1.27	20
Toluene	0.0250	0.0231	0.0226	92.4	90.5	70.0-130			1.99	20
Xylenes, Total	0.0750	0.0742	0.0720	98.9	95.9	70.0-130			3.04	20
(S) Toluene-d8				100	102	88.5-111				
(S) Dibromofluoromethane				99.0	102	78.3-121				
(S) o,a,a-Trifluorotoluene				96.1	95.7	85.0-114				
(S) 4-Bromofluorobenzene				99.0	97.1	71.0-126				

7 GI

8 AI

9 Sc

L835163-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L835163-04 05/16/16 19:40 • (MS) R3137496-4 05/16/16 18:32 • (MSD) R3137496-5 05/16/16 18:55

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	ND	0.105	0.110	84.1	88.4	5	54.3-133			4.97	20
Ethylbenzene	0.0250	ND	0.102	0.105	81.9	84.0	5	61.4-133			2.57	20
Naphthalene	0.0250	ND	0.0785	0.0855	62.8	68.4	5	58.0-135			8.58	25.5
Toluene	0.0250	ND	0.0991	0.105	79.3	83.6	5	61.4-130			5.28	20
Xylenes, Total	0.0750	ND	0.302	0.313	80.6	83.6	5	63.3-131			3.66	20

WG872232

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC/MS) by Method 8260B

L835119-02,03,04,05,06,07,08,09,10,11,12

L835163-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L835163-04 05/16/16 19:40 • (MS) R3137496-4 05/16/16 18:32 • (MSD) R3137496-5 05/16/16 18:55

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					101	101		88.5-111				
(S) Dibromofluoromethane					100	101		78.3-121				
(S) a,a,a-Trifluorotoluene					97.6	96.6		85.0-114				
(S) 4-Bromofluorobenzene					98.5	96.1		71.0-126				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3138155-3 05/18/16 21:50

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000270	0.00100
Ethylbenzene	U		0.000297	0.00100
Naphthalene	U		0.00100	0.00500
Toluene	U		0.000434	0.00500
Xylenes, Total	U		0.000698	0.00300
(S) Toluene-d8	106			88.5-111
(S) Dibromofluoromethane	99.6			78.3-121
(S) a,a,a-Trifluorotoluene	107			85.0-114
(S) 4-Bromofluorobenzene	106			71.0-126

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Oc
- 7 Gl
- 8 Al
- 9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3138155-1 05/18/16 20:13 • (LCSD) R3138155-2 05/18/16 20:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	0.0215	0.0218	86.2	87.4	70.0-130			1.37	20
Ethylbenzene	0.0250	0.0235	0.0244	94.1	97.4	70.0-130			3.44	20
Naphthalene	0.0250	0.0216	0.0225	86.2	90.0	70.0-130			4.31	20
Toluene	0.0250	0.0226	0.0230	90.5	92.0	70.0-130			1.70	20
Xylenes, Total	0.0750	0.0716	0.0741	95.5	98.8	70.0-130			3.33	20
(S) Toluene-d8				107	107	88.5-111				
(S) Dibromofluoromethane				99.6	100	78.3-121				
(S) a,a,a-Trifluorotoluene				108	108	85.0-114				
(S) 4-Bromofluorobenzene				103	105	71.0-126				

L835110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L835110-01 05/19/16 00:24 • (MS) R3138155-4 05/18/16 23:26 • (MSD) R3138155-5 05/18/16 23:45

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0250	ND	0.464	0.468	74.2	74.9	25	54.3-133			0.920	20
Ethylbenzene	0.0250	ND	0.533	0.555	85.3	88.8	25	61.4-133			4.03	20
Naphthalene	0.0250	ND	0.533	0.539	85.4	86.3	25	58.0-135			1.08	25.5
Toluene	0.0250	ND	0.491	0.505	78.5	80.8	25	61.4-130			2.89	20
Xylenes, Total	0.0750	ND	1.64	1.69	87.4	90.4	25	63.3-131			3.28	20



Volatile Organic Compounds (GC/MS) by Method 8260B

L835119-01,06

L835110-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L835110-01 05/19/16 00:24 • (MS) R3138155-4 05/18/16 23:26 • (MSD) R3138155-5 05/18/16 23:45

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Toluene-d8					106	108		88.5-111				
(S) Dibromofluoromethane					97.8	95.2		78.3-121				
(S) a,a,o-Trifluorotoluene					108	109		85.0-114				
(S) 4-Bromofluorobenzene					114	115		71.0-126				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3138197-3 05/18/16 08:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	0.00423	J	0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
(S) p-Terphenyl-d14	70.2			32.2-131
(S) Nitrobenzene-d5	86.5			22.1-146
(S) 2-Fluorobiphenyl	75.7			40.6-122

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3138197-1 05/18/16 08:14 • (LCSD) R3138197-2 05/18/16 08:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0724	0.0686	90.5	85.8	70.0-130			5.36	20
Acenaphthene	0.0800	0.0670	0.0631	83.7	78.9	70.0-130			5.92	20
Acenaphthylene	0.0800	0.0667	0.0636	83.4	79.5	70.0-130			4.79	20
Benzo(a)anthracene	0.0800	0.0675	0.0638	84.3	79.8	70.0-130			5.59	20
Benzo(a)pyrene	0.0800	0.0699	0.0685	87.4	85.7	70.0-130			2.00	20
Benzo(b)fluoranthene	0.0800	0.0653	0.0629	81.6	78.6	70.0-130			3.76	20
Benzo(g,h,i)perylene	0.0800	0.0694	0.0655	86.7	81.9	70.0-130			5.68	20
Benzo(k)fluoranthene	0.0800	0.0763	0.0721	95.3	90.2	70.0-130			5.55	20
Chrysene	0.0800	0.0736	0.0696	92.0	87.1	70.0-130			5.50	20
Dibenz(a,h)anthracene	0.0800	0.0695	0.0648	86.9	81.0	70.0-130			7.05	20
Fluoranthene	0.0800	0.0714	0.0693	89.3	86.6	70.0-130			3.05	20



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3138197-1 05/18/16 08:14 • (LCSD) R3138197-2 05/18/16 08:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0644	0.0632	80.5	79.0	70.0-130			1.79	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0703	0.0664	87.8	83.0	70.0-130			5.60	20
Naphthalene	0.0800	0.0618	0.0609	77.3	76.1	70.0-130			1.54	20
Phenanthrene	0.0800	0.0646	0.0624	80.8	78.1	70.0-130			3.41	20
Pyrene	0.0800	0.0773	0.0707	96.6	88.3	70.0-130			8.95	20
(S) p-Terphenyl-d14				85.9	76.6	32.2-131				
(S) Nitrobenzene-d5				91.8	85.7	22.1-146				
(S) 2-Fluorobiphenyl				86.3	81.2	40.6-122				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3138973-1 05/21/16 01:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzofluoranthene	U		0.000600	0.00600
Benzofluoranthene	U		0.000600	0.00600
Benzofluoranthene	U		0.000600	0.00600
Benzofluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	0.00216	J	0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
(S)-p-Terphenyl-d14	52.6			32.2-131
(S) Nitrobenzene-d5	91.2			22.1-146
(S)-2-Fluorobiphenyl	78.4			40.6-122

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3138973-2 05/21/16 01:51 • (LCSD) R3138973-3 05/21/16 02:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0609	0.0621	76.1	77.6	70.0-130			193	20
Acenaphthene	0.0800	0.0616	0.0628	77.0	78.5	70.0-130			195	20
Acenaphthylene	0.0800	0.0605	0.0612	75.6	76.5	70.0-130			120	20
Benzofluoranthene	0.0800	0.0599	0.0611	74.9	76.4	70.0-130			205	20
Benzofluoranthene	0.0800	0.0533	0.0554	66.6	69.3	70.0-130	J4	J4	4.01	20
Benzofluoranthene	0.0800	0.0423	0.0520	52.8	65.0	70.0-130	J4	J3 J4	20.6	20
Benzofluoranthene	0.0800	0.0462	0.0567	57.8	70.9	70.0-130	J4	J3	20.4	20
Benzofluoranthene	0.0800	0.0487	0.0599	60.9	74.9	70.0-130	J4	J3	20.6	20
Chrysene	0.0800	0.0615	0.0635	76.8	79.4	70.0-130			3.25	20
Dibenz(a,h)anthracene	0.0800	0.0467	0.0481	58.4	60.2	70.0-130	J4	J4	2.99	20
Fluoranthene	0.0800	0.0617	0.0630	77.1	78.7	70.0-130			2.10	20



WG873932

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

L835119-10

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3138973-2 05/21/16 01:51 • (LCSD) R3138973-3 05/21/16 02:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.0800	0.0593	0.0702	74.2	87.8	70.0-130			16.8	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0490	0.0503	61.2	62.9	70.0-130	J4	J4	2.70	20
Naphthalene	0.0800	0.0570	0.0576	71.3	72.0	70.0-130			1.05	20
Phenanthrene	0.0800	0.0586	0.0592	73.3	74.0	70.0-130			0.990	20
Pyrene	0.0800	0.0660	0.0673	82.5	84.1	70.0-130			1.99	20
(S) p-Terphenyl-d14				63.0	66.2	32.2-131				
(S) Nitrobenzene-d5				94.8	98.2	22.1-146				
(S) 2-Fluorobiphenyl				80.2	83.4	40.6-122				

L836512-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L836512-01 05/21/16 05:43 • (MS) R3138973-4 05/21/16 06:04 • (MSD) R3138973-5 05/21/16 06:25

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0950	ND	0.0696	0.0696	73.2	73.3	1	26.5-141			0.0800	25
Acenaphthene	0.0950	ND	0.0690	0.0702	72.6	73.8	1	31.9-130			1.74	25
Acenaphthylene	0.0950	ND	0.0683	0.0693	71.9	72.9	1	33.7-129			1.46	25
Benzo(a)anthracene	0.0950	ND	0.0667	0.0638	70.2	67.2	1	18.3-136			4.45	25
Benzo(a)pyrene	0.0950	ND	0.0663	0.0640	69.8	67.3	1	16.9-135			3.55	25
Benzo(b)fluoranthene	0.0950	ND	0.0577	0.0552	60.7	58.1	1	10.0-134			4.31	25
Benzo(g,h,i)perylene	0.0950	ND	0.0516	0.0499	54.3	52.5	1	14.1-140			3.35	25
Benzo(k)fluoranthene	0.0950	ND	0.0638	0.0614	67.2	64.6	1	18.2-138			3.88	25
Chrysene	0.0950	ND	0.0703	0.0675	74.0	71.0	1	17.1-145			4.17	25
Dibenz(a,h)anthracene	0.0950	ND	0.0534	0.0513	56.2	54.0	1	18.5-138			3.99	25
Fluoranthene	0.0950	ND	0.0678	0.0680	71.4	71.5	1	15.4-144			0.190	25
Fluorene	0.0950	ND	0.0665	0.0674	70.0	70.9	1	23.5-136			1.27	25
Indeno(1,2,3-cd)pyrene	0.0950	ND	0.0547	0.0529	57.5	55.6	1	14.5-142			3.32	25
Naphthalene	0.0950	ND	0.0645	0.0646	64.5	64.7	1	29.2-128			0.240	25
Phenanthrene	0.0950	ND	0.0652	0.0646	68.6	68.0	1	20.1-134			0.930	25
Pyrene	0.0950	ND	0.0729	0.0694	76.7	73.0	1	11.0-148			4.92	25
(S) p-Terphenyl-d14					60.7	56.9		32.2-131				
(S) Nitrobenzene-d5					91.6	90.7		22.1-146				
(S) 2-Fluorobiphenyl					76.3	76.6		40.6-122				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. (this will only be present on a dry report basis for soils).
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

GI

^B AI

^B Sc

S&ME Inc. - Spartanburg SC

301 Zima Park Drive
Spartanburg, SC 29301

Billing Information:

Accounts Payable
301 Zima Park Drive
Spartanburg, SC 29301

Report to:
John Whitehead

Email To: **JWhitehead@smelnc.com**

Project Description: **Sav-A-Ton**

City/State Collected: **Easley, SC**

Phone: **864-574-2360**
Fax: **864-576-8730**

Client Project #
4226TS-157

Lab Project #
SMESPAR-USTCLOSURE

Collected by (print):
Nathan Williams

Site/Facility ID #

P.O. #

Collected by (signature):
N. Williams

Rush? (Lab MUST Be Notified)
 Same Day200%
 Next Day100%
 Two Day50%
 Three Day25%

Date Results Needed

Email? No Yes
 FAX? No Yes

No. of Cntrs

Immediately Packed on Ice N Y

Analysis / Container / Preservative

SV8270PAHSIMDSC 4ozAmb-NoPres

TS 4ozClr-NoPres

V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH



YOUR LAB OF CHOICE

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859



L# **L835119**

F246

Accnum: **SMESPAR**

Template: **T111604**

Prelogin: **P550276**

TSR: 690 - Tom Mellette

PB: **4-19-16**

Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	Cntrs	SV8270PAHSIMDSC 4ozAmb-NoPres	TS 4ozClr-NoPres	V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH							Item/Contaminant	Sample # (lab only)
PL-8	Grab	SS		5-9-16	1340	6	X	X	X								-01
PL-9		SS			1350	6	X	X	X								02
PL-10		SS			1400	6	X	X	X								03
D-5		SS			1410	6	X	X	X								04
PL-11		SS			1420	6	X	X	X								05
PL-12		SS			1430	6	X	X	X								06
D-6		SS			1440	6	X	X	X								07
D-7		SS			1450	6	X	X	X								08
D-8		SS			1500	6	X	X	X								09
D-9		SS			1510	6	X	X	X								10

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

6381 3037 2058

pH _____ Temp _____
 Flow _____ Other _____

Hold #

Relinquished by: (Signature) *[Signature]*

Date: **5-11-16** Time: **1700**

Received by: (Signature) *[Signature]*

Samples returned via: UPS
 FedEx Courier _____

Condition: (lab use only)

Relinquished by: (Signature) *[Signature]*

Date: _____ Time: _____

Received by: (Signature) *[Signature]*

Temp: **14** °C Bottles Received: **78**

COC Seal Intact: Y N NA

Relinquished by: (Signature) *[Signature]*

Date: _____ Time: _____

Received for lab by: (Signature) *[Signature]*

Date: **5/12/16** Time: **0900**

pH Checked: _____ NCF: _____

S&ME Inc. - Spartanburg SC

301 Zima Park Drive
Spartanburg, SC 29301

Billing Information:
Accounts Payable
301 Zima Park Drive
Spartanburg, SC 29301

Report to:
John Whitehead

Email To: JWhitehead@smeinc.com

Project Description: **Sav-A-Ton**

City/State Collected: **Easley, SC**

Phone: 864-574-2360
Fax: 864-576-8730

Client Project #
4226-15-157

Lab Project #
SMESPAR-USTCLOSURE

Collected by (print):
Nathan Williams

Site/Facility ID #

P.O. #

Collected by (signature):
[Signature]

Rush? (Lab MUST Be Notified)
 Same Day200%
 Next Day100%
 Two Day50%
 Three Day25%

Date Results Needed

Immediately Packed on Ice N Y

Email? No Yes
 FAX? No Yes

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV8270PAHSIMDSC 4ozAmb-NoPres	TS 4ozClr-NoPres	V8260BTEXNSC 40ml/NaHSO4/Syr/MeOH	Analysis / Container / Preservative				Chain of Custody Page 2 of 2
0-10	Grab	SS		5-9-16	1520	6	X	X	X					L# L835119
0-11	↓	SS		↓	1530	6	X	X	X					Table # F246
		SS				6	X	X	X					Acctnum: SMESPAR
		SS				6	X	X	X					Template: T11604
		SS				6	X	X	X					Prelogin: P550276
		SS				6	X	X	X					TSR: 690 - Tom Mellette
		SS				6	X	X	X					PB: 4-19-16
		SS				6	X	X	X					Shipped Via: FedEX Ground
		SS				6	X	X	X					Rem./Contaminant Sample # (lab only)
		SS				6	X	X	X					-11
		SS				6	X	X	X					12

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Remarks:

6381 3037 2058

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature) *[Signature]*

Date: **5-11-16** Time: **1700**

Received by: (Signature) *[Signature]*

Samples returned via: UPS FedEx Courier _____

Hold # _____ Condition: (lab use only) **DBR**

Relinquished by: (Signature) *[Signature]*

Date: _____ Time: _____

Received by: (Signature) *[Signature]*

Temp: **1.4** °C Bottles Received: **78**

COC Seal Intact: Y N NA

Relinquished by: (Signature) *[Signature]*

Date: _____ Time: _____

Received for lab by: (Signature) **alex 8**

Date: **5/12/16** Time: **0900**

pH Checked: _____ NCF: _____

WP-616051

PROFILE

JBR Environmental Services

P. O. Box 4098 Spartanburg, SC 29305
 Telephone: (864) 583-2717 FAX: (864) 583-0650

A. General Information				
JBR Client: <u>Wilma's Pump & Tank</u>		Transporter: <u>Wilma's Pump & Tank</u>		
Generator Name: <u>Sav-A-Ton</u>		Transporter Phone: <u>864 915 3446</u>		
Address: <u>3790 Calhoun Memorial Hwy, Easley SC</u>		Generator US EPA ID No: _____		
_____		Generator State ID No: _____		
Technical Contact: <u>Ralph Whaley</u>		Title: _____		Phone: <u>864 915 3446</u>
Name of Waste: <u>Diesel Sludge</u>				
Process Generating Waste: <u>Tank pump outs/cleaning</u>				
B. Physical Characteristics of Waste:				
Color: <u>Dk Brown</u>	Odor <u>Mild</u> <small>Describe:</small>	Physical State @ 70°F <u>Sludge</u>	Layers <u>Multi-layered</u>	Free Liquids <u>Yes</u> <small>Volume _____ %</small>
pH: <u>4.1 - 10.0</u> <small>Exact _____</small>	Specific Gravity <u>1.0</u> <small>Exact _____</small>	Flash Point <u>No Flash</u> <small>Exact _____</small>		
C. Chemical Composition (Totals must add to 100%)		D. Metals		
<u>Diesel Sludge</u>	<u>>50</u> %	Arsenic(As) <u>N/A</u>	Selenium(Se) <u>N/A</u>	
<u>Water</u>	<u><25</u> %	Barium(Ba) <u>N/A</u>	Silver(Ag) <u>N/A</u>	
<u>Debris</u>	<u><25</u> %	Cadmium(Cd) <u>N/A</u>	Copper(Cu) <u>N/A</u>	
_____	_____ %	Chromium(Cr) <u>N/A</u>	Nickel(Ni) <u>N/A</u>	
_____	_____ %	Mercury(mg) <u>N/A</u>	Zinc(Zn) <u>N/A</u>	
_____	_____ %	Lead(Pb) <u>N/A</u>	Thallium(Th) <u>N/A</u>	
_____	_____ %	Chromium-Hex(Cr+6) <u>N/A</u>	Other _____	
_____	_____ %	E. Other Components - Total (ppm)		
_____	_____ %	<u>None</u>		
F. Shipping Information		G. Hazardous Characteristics		
D. O. T. Hazardous Material <u>No</u>		Reactivity: <u>No</u>		
Proper Shipping Name _____		Other _____		
Hazard Class <u>N/A</u> I.D. No. _____ R.Q. _____		Other Hazardous Characteristics? <u>No</u>		
Method of Shipment <u>Tote</u>		Other _____		
Anticipated Volume: _____ <u>totes</u>		US EPA Hazardous Waste? <u>No</u>		
Other _____		US EPA Hazardous Code(S): <u>N/A</u>		
Per <u>Quarter</u>				
H. Special Handling Information:				

I hereby certify that all information submitted in this and all attached documents is complete and accurate and that all known or suspected hazardous constituents have been disclosed. Attach analytical data to this form.				
<u>[Signature]</u> Authorized Signature		_____ Title		<u>6-3-16</u> Date

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>Wilmington Pump Tank</i>	Manifest Document No. <i>Sub 1</i>	2. Page 1 of 1
3. Generator's Name and Mailing Address <i>Sav-A-Ton 3790 Colburn Memorial Hwy, College, SC</i>		D-06035065		
4. Generator's Phone ()				
5. Transporter 1 Company Name <i>Wilmington Pump Tank</i>	6. US EPA ID Number	A. State Transporter's ID		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone		
9. Designated Facility Name and Site Address <i>The Environmental Services 210 Albee Street, Greenville, SC</i>		C. State Transporter's ID		
10. US EPA ID Number		D. Transporter 2 Phone		
		E. State Facility's ID		
		F. Facility's Phone		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. <i>Non-hazardous non-RCRA regulated material (Dioxin Sludge, water drums)</i>		No. Type		
		2 TP		
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above <i>A) P.O. # WP 616051</i>		H. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name <i>John M. Williams</i>		Signature		Date Month Day Year <i>1 2 16</i>
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name <i>John Williams</i>		Signature		Date Month Day Year <i>1 2 16</i>
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Date Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name <i>Kim Garrett</i>		Signature <i>Kim Garrett</i>		Date Month Day Year <i>1 3 16</i>

NON-HAZARDOUS WASTE

Certificate of Disposal

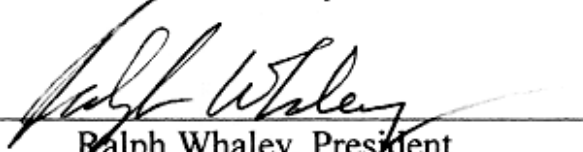
Wilma's Pump and Tank Co., Inc. hereby certifies that the following listed underground storage tank(s)

**3 10,000- gallon gasoline
1 4,000 – gallon gasoline
1 10,000 – gallon diesel**

Have been rendered unusable and accepted from:

**Sav-A-Ton
3790 Calhoun Memorial Highway
Easley, South Carolina**

Date: May 9, 2016


Ralph Whaley, President
Wilma's Pump and Tank Co., Inc.





MEMORANDUM

To: Chris Doll, P.G., Section Manager
Assessment Section
UST Management Division
Bureau of Land and Waste Management

From: Denise M. Place *D.M.P.*
Regulatory Compliance Section
UST Management Division
Bureau of Land and Waste Management

Through: Eric Cathcart, Section Manager *EC*
Regulatory Compliance Section
UST Management Division
Bureau of Land and Waste Management

Date: October 28, 2016

Re: UST Permit – 11650
Sav a Ton, 3790 John C. Calhoun Memorial, Easley, SC
Release reported – September 16, 2016

A release was reported on October 20, 2000 from a surface spill at the referenced location. Following an IGWA, the release was issued a nfa on February 27, 2001. An additional release was reported on December 3, 2002 and issued a regulatory nfa on January 21, 2003. There are no open releases at this location.

The five USTs at this site were removed on May 5, 2016 and a closure report was received on September 16, 2016. The report indicated petroleum constituents exceeding the RBSL's in soil samples collected on site. Therefore, an additional release has been entered with NSS, Inc. designated the responsible party.



Substantial Compliance Determination Matrix

UST Docket 49

UST Site ID#: 11650

Release Prevention

4-11-15 4-21-14 4-23-13

Regulatory Subject Area R.61-92 Part 280 Subpart B & Subpart C	Available Points	Significant Operational Compliance (SOC) Measure/ Federal Citation	Inspection Points			Total Points
			1st	2nd	3rd	
I. Spill Prevention [280.20(c)(1)(i), 280.21(d), 280.30(a)]	30	Spill prevention device is present, functioning properly, and owners and operators must ensure that releases due to spilling and overfilling do not occur	30	30	30	90
II. Overfill Prevention [280.20(c)(1)(ii), 280.21(d), 280.30(a)]	30	Overfill prevention device is present, functioning properly, and Owners and operators must ensure that releases due to spilling and overfilling do not occur	30	30	30	90
III. Corrosion Protection [280.20(a), 280.21(b-c), 280.31]	20	Any portion of UST system that routinely contains product must be protected from corrosion. Corrosion protection system must be maintained and/or operating properly including 3-year testing and updated 60 day rectifier logs if applicable.	20	20	20	60
Operator Training [280.35]	20	Operator Training (trained A/B operator, Monthly/Quarterly operator logs up to date, and if applicable C operators must be trained and documented)	20	20	20	60
Total Points						300

UST Site ID#: 11650

Release Detection

Regulatory Subject Area R.61-92 Part 280 Subpart D & Subpart G	Available Points	SOC Measure/Federal Citation	Inspection Points			Total Points
			1st	2nd	3rd	
I. Release Detection Method Presence And Performance Requirements [280.40, 280.41, 280.43, 280.44, 280.70]	35	Tanks – must be monitored every 30 days (per EPA Significant Operational Compliance Performance Measures) or tank(s) must be empty as deemed by the Department.	35	35	35	105
	35	Lines – must be monitored every 30 days (per EPA Significant Operational Compliance Performance Measures), or conduct 0.1 GPH test annually, or conduct 0.1 GPH test every 3 years for American Suction system, or tank(s) associated must be empty as deemed by the Department.	35	35	35	105
	30	Line leak detector equipment installed, working properly, and function tested annually if required by manufacturer, or tank(s) associated must be empty as deemed by the Department.	30	30	30	90
Total Points						300

UST Site ID#: 11650

Reporting, Abatement & Mitigation			
Regulatory Subject Area R.61-92 Part 280 Subpart E & Subpart F	Available Points	Federal Citation	Inspection Points
I. Reporting [280.50]	10	Owners and Operators of UST systems must report suspected releases to the Department.	10
	10	Owners and Operators must report suspected releases within 72 hours.	10
II. Abatement [280.52, 280.62]	20	Proper abatement actions were taken.	20
	20	Due dates set by the Department are met.	20
III. Mitigate/Remedy Hazards [280.52]	20	Owners and operators must immediately investigate and confirm all suspected releases.	20
IV. Financial Responsibility [280.93, 280.101, 280.113]	20	Must have current financial responsibility documents on file.	20
Total Points Awarded			100

UST Site ID#: 11650

Summary of Worksheets:

Compliance Worksheet	Available Points	Awarded Points	In Compliance (Yes or No)
Release Prevention (Worksheet 1)	300	300	
Release Detection (Worksheet 2)	300	300	
Mitigation (Worksheet 3)	100	100	

UST Site ID#: 11650

Release Report Date: 9-16-16

Release Confirm Date: 11-4-16

Last Transfer of Ownership: 7-21-05

Release Origin: CR

Approved: Ebe

Date: 11-1-16



November 4, 2016

Vinod Dhand
NSS, Inc.
220 Hedgewood Terrace
Greer, SC 29650

Re: **Underground Storage Tank (UST)** Permit ID # 11650
Sav A Ton, 3790 John C Calhoun Memorial, Easley, SC
Release reported – September 16, 2016

Dear Vinod Dhand:

A closure report received by the UST Management Division on September 16, 2016, indicated that soil at this location is contaminated with petroleum constituents. The State Underground Petroleum Environmental Response Bank (SUPERB) Account provides financial assistance for the cleanup of a site contaminated by a release from a regulated UST system provided that the facility associated with the release meets certain eligibility criteria. The Division has determined that this release is eligible for cleanup using SUPERB funds. The responsible party must satisfy a \$25,000.00 deductible prior to the Division using SUPERB funds.

The SUPERB Act Section 44-2-130(E)(1) states: "An owner or operator of an underground storage tank or his agent seeking to qualify for compensation from the Superb Account for site rehabilitation shall submit a written application to the department." For your convenience, a SUPERB Account Application/Statement of Insurance form is enclosed. Please complete and return the attached form. You must request access to the SUPERB Account in order for the Division to complete the SUPERB qualification process.

South Carolina UST Control Regulation 61-92, Section 280.93(a) and 280.113 of the South Carolina Underground Storage Tank Control Regulations requires that tank owners submit and maintain proof of financial responsibility (FR) until subsequent corrective action is complete.

Should you have any questions pertaining to this matter, please contact me at (803) 898-0647.

Respectfully,

A handwritten signature in black ink that reads "Denise M. Place".

Denise M. Place
Regulatory Compliance Section
UST Management Division
Bureau of Land and Waste Management

Enclosure



**Superb Account Application
Ust Management Division**

Pursuant to the State Underground Petroleum Environmental Response Bank (SUPERB) Act 44-2-130(E)(1): "An owner or operator of an underground storage tank or his agent seeking to qualify for compensation from the SUPERB Account for site rehabilitation shall submit a written application to the department."

Permit #: _____ Facility Name: _____
Facility Address: _____
Owner Name: _____
Owner Address: _____
Owner Phone #: _____

For the following section, circle **YES** or **NO**:

YES or **NO** I request compensation from the SUPERB Account for the release discovered/reported on _____.

You/your company must satisfy a \$25,000.00 deductible prior to the Division using SUPERB funds (Pursuant to the SUBERB Act 44-2-130). According to department records, you/your company had _____ as your financial responsibility mechanism at the time the release was reported. If this information is inaccurate, please correct it by checking the appropriate mechanism below:

- Letter of Credit Insurance Policy Self-Insurance Surety Bond Guarantee

INSURANCE STATEMENT

This site is potentially eligible to receive state monies to assist in site rehabilitation. Before eligibility for the SUPERB funds can be determined, written confirmation of the existence or non-existence of an environmental insurance policy for this site is required. Please circle **YES** or **NO** with regard to the following:

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release?
YES or **NO**

My policy provider is _____
The policy number is _____
The policy deductible is _____ Policy limit: _____

If you have this type of insurance, please include a copy of the policy with this report.

Owner Signature: _____

Sworn before me this _____ day

Print Signatory Name: _____

of _____, 20_____.

Date: _____

Notary Public (Signature)

for the State of _____
(if other than South Carolina, affix seal)

SUPERB Account Application

-Purpose of the form is to gather information from individuals wishing to receive state monies from the SUPERB fund.

-Responsible party for a release from an underground storage tank system.

-Item-by-item instructions for completing the form:

Enter the permit number for the facility.

Enter the Facility Name and Address.

Enter the tank system Owner name, address and phone number.

Answer yes or no to the question of requesting compensation from the SUPERB Account and enter the date in the blank.

Verify accuracy of the financial responsibility mechanism and circle the correct mechanism if the blank is incorrect.

Answer yes or no to the question of whether or not an insurance policy is or has been in place for the UST system.

Provide the insurance policy information.

Sign and print your name, then date.

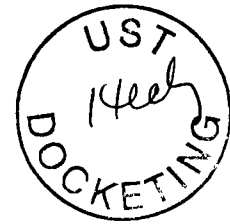
Have the form notarized.

-Form is scanned and saved electronically; Record Group Number 169, Retention Schedule 10304



MR VINOD DHAND
NSS INC
220 HEDGEWOOD TERRACE
GREER SC 29650

DEC 05 2016



Re: Site-Specific Work Plan Directive for Initial Groundwater Assessment
Sav a Ton, 3790 John C. Calhoun Memorial Highway, Easley, SC
UST Permit #11650
Release Reported September 16, 2016
Closure Report received September 16, 2016
Pickens County

Dear Mr. Dhand:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) has reviewed the referenced report. Analysis of soil sample PL-12 collected from below the eastern product line intersection reported chemicals of concern above the Risk-Based Screening Levels for soil.

To determine what risk the referenced release may pose to human health and the environment, and in accordance with Section 280.65 of the South Carolina Underground Storage Tank Control Regulations, an Initial Groundwater Assessment (IGWA) outlined in the UST Quality Assurance Program Plan (UST QAPP) Revision 3.1 is necessary.

Your contractor must submit an approvable Site-Specific Work Plan (SSWP) within thirty (30) days of the date of this letter. The SSWP must be prepared using the format in the UST QAPP (<http://www.scdhec.gov/Environment/LW/UST/ReleaseAssessmentClean-up/QualityAssurance/>).

A cost proposal is not required unless your contractor has determined the monitoring well footage will exceed 25 feet, a water supply well or surface water body is within 250 feet of the facility, or a municipal water supply well is within 1,000 feet of the facility. **Please note that approval from the Agency must be issued before work begins.** The IGWA must be conducted in accordance with the UST QAPP and all applicable regulations once the SSWP is approved.

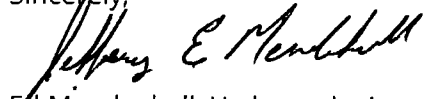
According to our records, a site rehabilitation contractor has not been selected for this release. **The Owner/Operator Lead Information Sheet should be completed and returned to my attention within fifteen (15) days of the date of this letter.** A list of certified contractors is enclosed for your information.

Please be aware that the release is not currently qualified for funding from the State Underground Petroleum Environmental Response Bank (SUPERB) Account. Any costs expended for site rehabilitation prior to approval of a completed SUPERB application will not be applied to the deductible or paid from the SUPERB Account. The SUPERB application form should be completed and sent to this office to the attention of Denise Place.

In accordance with R.61-92, Subpart H, Section 280.114, you are required to notify the Division by certified mail within ten (10) days of commencing a voluntary or involuntary proceeding in bankruptcy. State law also requires that an owner/operator or guarantor that files for bankruptcy protection must immediately submit appropriate forms documenting that entity's ability to demonstrate financial responsibility.

On all correspondence concerning this site, please reference UST Permit #11650. If there are any questions concerning this project, you may contact me at (803) 898-0586 or by email at mendenje@dhec.sc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Ed Mendenhall", written over the word "Sincerely,".

Ed Mendenhall, Hydrogeologist
Assessment Section
UST Management Division
Bureau of Land and Waste Management

enc: Owner/Operator Lead Information Sheet
Contractor Certification List

cc: Technical File (w/enc)

UNDERGROUND STORAGE TANK (UST) OWNER/OPERATOR LEAD INFORMATION SHEET

1. CONTRACTOR OF CHOICE

As the UST Owner/Operator of the UST Permit #11650, I would like to use the contractor or person(s)* listed below and request that they represent me for:

IGWA

All future assessment scopes. **

Name of Contractor/Person(s) _____

Address _____

Telephone Number _____ Certification # _____

Note: After September 20, 1997, rehabilitation activities must be performed by a SC Certified Site Rehabilitation Contractor.

*indicate if the person listed is your own employee

** if you would like the contractor to perform all future assessment activities at this and/or other UST sites that have confirmed releases, please provide a list of all sites on your letterhead and provide the information requested in items 2 and 3 below within the context of the letter.

2. FINANCIAL OR FAMILIAL RELATIONSHIP

Does a financial or familial relationship, as defined below, exist between you and the contractor/person that you listed above? ___ Yes ___ No (please initial)

Financial Relationship: A connection or association through a material interest of sources of income which exceed five percent of annual gross income from a business entity.

Familial Relationship: A connection or association by family or relatives, in which a family member or relative has a material interest. Family or relatives include: father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, half sister, grandparent, grandchild, great grandchild, step grandparent, step great grandparent, step grandchild, step great grandchild, or fiancée.

3. PAYMENT

The first \$25,000.00 in eligible site rehabilitation costs will be applied against the applicable SUPERB deductible, upon submittal of the canceled check (front and back) or a notarized statement from the contractor verifying payment.

For eligible costs exceeding the \$25,000.00 deductible, you can pay the contractor and, upon the submittal of the canceled check (front and back) or a notarized statement from the contractor verifying payment, be compensated from the SUPERB Account, or have payment issued directly from the SUPERB Account to the contractor. (check one)

___ For eligible costs exceeding the deductible, I request that payment be made to me after I have paid the contractor.

___ For eligible costs exceeding the deductible, I request that payment be made directly to the contractor.

(Note: all costs must receive prior financial approval from the Agency regardless of payment option.)

Underground Storage Tank Owner/Operator Signature _____

Printed Name _____ Date Signed _____



CERTIFIED MAIL

9214 8969 0099 9790 1408 3556 38

MAY 17 2017

MR VINOD DHAND
NSS INC
220 HEDGEWOOD TERRACE
GREER SC 29650



Re: **Notice of Alleged Violation**
Sav a Ton, 3790 Calhoun Memorial Hwy, Easley, SC
UST Permit #11650
Release Reported September 16, 2016
Site-Specific Work Plan Request Directive December 5, 2016
Pickens County

Dear Mr. Dhand:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) directed you on December 5, 2016 to submit a Site-Specific Work Plan (SSWP)/Quality Assurance Project Plan (QAPP) Addendum for Initial Groundwater Assessment, on or before January 11, 2017 with the report due within 60 days after the SSWP/QAPP Addendum is approved. To date the required QAPP Contractor Addendum/SSWP has not been received. In accordance with Section 280.65 of the South Carolina Underground Storage Tank Regulations, the assessment must be conducted as chemicals of concern are above Risk-Based Screening Levels.

Implementation of this scope of work should proceed upon receipt of this correspondence. **Please submit the QAPP Contractor Addendum or SSWP within 30 days of the date of this letter and the assessment report within 60 after the SSWP/QAPP is approved. Should you not submit the SSWP/QAPP and the report on or before these dates, this office will initiate further enforcement action.**

On all correspondence regarding this site, please reference UST Permit #11650. If you have any questions concerning this correspondence, please call me at (803) 898-0586, e-mail me at mendenje@dhec.sc.gov, or fax me at (803) 898-0673.

Sincerely,


Ed Mendenhall, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Technical File



MR VINOD DHAND
NSS INC
220 HEDGEWOOD TERRACE
GREER SC 29650



Re: **Notice of Alleged Violation**
Sav a Ton, 3790 Calhoun Memorial Hwy, Easley, SC
UST Permit #11650
Release Reported September 16, 2016
Site-Specific Work Plan Request Directive December 5, 2016
Pickens County

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Implementation of this scope of work should proceed upon receipt of this correspondence. **Please submit the QAPP Contractor Addendum or SSWP within 30 days of the date of this letter and the assessment report within 60 after the SSWP/QAPP is approved. Should you not submit the SSWP/QAPP and the report on or before these dates, this office will initiate further enforcement action.**

On all correspondence regarding this site, please reference UST Permit #11650. If you have any questions concerning this correspondence, please call me at (803) 898-0586, e-mail me at mendenje@dhec.sc.gov, or fax me at (803) 898-0673.

Sincerely,

Ed Mendenhall, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Technical File



UNDERGROUND STORAGE TANK MANAGEMENT DIVISION
BUREAU OF LAND AND WASTE MANAGEMENT

2600 Bull Street
Columbia, SC 29201
Telephone (803) 898-2544
Fax (803) 898-0673

MEMORANDUM

To: Rob McDaniel, Manager
Enforcement Section

Date: June 26, 2017

Re: Enforcement Referral

Type: Technical (SSWP for Initial Groundwater Assessment (IGWA) and IGWA Report)

UST Permit #: 11650

Facility Name: Sav A Ton

Owner/Operator: Name Vinod Dhand
Address 220 Hedgewood Terrace, Greer, SC 29650
Phone # 864-238-5060

Regulatory Citation: Subpart F, Section 280.65 Investigation for soil and ground-water cleanup
of the South Carolina Underground Storage Tank Regulations, R. 61-92

Requested Action/Information: Requested a SSWP for an Initial Groundwater Assessment
Report and the IGWA Report for the release reported on
September 16, 2016.
The assessment is to be conducted with O/O's money.

Additional Comments: Directed to complete a SSWP for a Initial Groundwater Assessment Report
that was due on January 11, 2017. Certified letter sent on May 17, 2017, and
have not received the SSWP to date.

Are there any Tank Ownership Issues?: ___Yes ___X___No If yes please explain.

Are there any other persons being dealt with other than the tank owner? ___Yes ___X___No

If yes please list name and relationship

Referred By: [Signature] Date: 6/20/17

Section Manager's Approval: [Signature] Date: 07-11-2017

Division Director's Approval: [Signature] Date: 7/11/2017

Enc: Certified Letter dated May 17, 2017

cc: Technical File



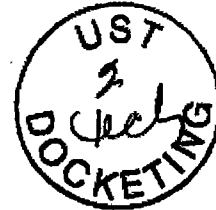


CERTIFIED MAIL

9214 8969 0099 9790 1408 3556 38

MAY 17 2017

MR VINOD DHAND
NSS INC
220 HEDGEWOOD TERRACE
GREER SC 29650



Re: **Notice of Alleged Violation**
Sav a Ton, 3790 Calhoun Memorial Hwy, Easley, SC
UST Permit #11650
Release Reported September 16, 2016
Site-Specific Work Plan Request Directive December 5, 2016
Pickens County

Dear Mr. Dhand:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (Agency) directed you on December 5, 2016 to submit a Site-Specific Work Plan (SSWP) Quality Assurance Project Plan (QAPP) Addendum for Initial Groundwater Assessment, on or before January 11, 2017 with the report due within 60 days after the SSWP/QAPP Addendum is approved. To date the required QAPP Contractor Addendum/SSWP has not been received. In accordance with Section 280.65 of the South Carolina Underground Storage Tank Regulations, the assessment must be conducted as chemicals of concern are above Risk-Based Screening Levels.

Implementation of this scope of work should proceed upon receipt of this correspondence. **Please submit the QAPP Contractor Addendum or SSWP within 30 days of the date of this letter and the assessment report within 60 after the SSWP/QAPP is approved. Should you not submit the SSWP/QAPP and the report on or before these dates, this office will initiate further enforcement action.**

On all correspondence regarding this site, please reference UST Permit #11650. If you have any questions concerning this correspondence, please call me at (803) 898-0586, e-mail me at mendenje@dhec.sc.gov, or fax me at (803) 898-0673.

Sincerely,

Ed Mendenhall, Hydrogeologist
Assessment Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Technical File



Healthy People Healthy Communities

Tech
UST PROGRAM
BOOKING # 4

First Class and Certified Mail

Article No 9214 8969 0099 9790 1409 0591 46

July 26, 2017

Elizabeth Camp
c/o NSS, Inc.
2288 Peachtree Road Unit 3
Atlanta, Georgia 30309

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
9214 8969 0099 9790 1409 0591 46	
Certified Mail Fee \$3.35	Electronic Return Receipt Requested Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$1.45	
<input type="checkbox"/> Return Receipt (electronic) \$0.00	
<input type="checkbox"/> Certified Mail Restricted Delivery \$	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Elizabeth Camp c/o NSS, Inc. Street, Apt. No., or PO Box No. 2288 Peachtree Road Unit 3 City, State, Zip+4 Atlanta, GA 30309	
PS Form 3800, April 2015 7/26/2017 1:56:18 PM See Reverse for Instructions	

RE: May 17, 2017, Notice of Alleged Violation
Underground Storage Tank (UST) Permit ID #11650
Sav a Ton, 3790 Calhoun Memorial Highway, Easley, South Carolina (Facility)
Confirmed Release, September 16, 2016

Dear Ms. Camp:

A UST closure report received by the Department on September 16, 2016, indicated that soil at this location is contaminated with petroleum constituents. The State Underground Petroleum Environmental Response Bank (SUPERB) Account provides financial assistance for the cleanup of a site contaminated by a release from a regulated UST system provided that the facility associated with the release meets certain eligibility criteria. The Department has determined that this release is eligible for cleanup using SUPERB funds. The responsible party must satisfy a \$25,000.00 deductible prior to the Department using SUPERB funds.

The SUPERB Act Section 44-2-130(E)(1) states: "An owner or operator of an UST or his agent seeking to qualify for compensation from the Superb Account for site rehabilitation shall submit a written application to the department." For your convenience, a SUPERB Account Application/Statement of Insurance form is enclosed. Please complete and return the attached form. You must request access to the SUPERB Account in order for the Department to complete the SUPERB qualification process.

South Carolina Underground Storage Tank Control Regulation 61-92, Section 280.93(a) and 280.113 require that tank owners submit and maintain proof of financial responsibility until subsequent corrective action is complete.

The following actions need to be taken in order to avoid enforcement action, which may include the assessment of monetary penalties:

- A. Submit a SSWP/QAPP for an IGWA by **September 1, 2017**; and,
- B. Submit an IGWA Report within sixty (60) days of approval of the SWPP/QAPP.

The above-referenced documentation should be mailed to:

SCDHEC/BLWM
Division of Compliance and Enforcement
Enforcement Section
Attn: Jane Mundell
2600 Bull Street
Columbia, SC 29201

This enforcement action will remain open and could subject you to a proposed consent order and a civil penalty until the requested actions are performed, reviewed, and deemed acceptable by the Department. **S.C. Code Ann. § 44-2-140 (B), as amended**, provides that the Department may assess a civil penalty not to exceed ten thousand dollars for each tank for each day of violation.

This correspondence is being sent to you by first class mail and certified mail to better ensure delivery. If you have any questions regarding this matter, please telephone me at (803) 898-0488.

Respectfully,



Jane Mundell
Enforcement Section
Division of Compliance and Enforcement
Bureau of Land and Waste Management

enclosures

ec: Ed Mendenhall, SCDHEC, Assessment Section
Denise Place, SCDHEC, UST
cc: Vinod Dhand, Registered Agent, NSS, Inc



Superb Account Application
Ust Management Division

Pursuant to the State Underground Petroleum Environmental Response Bank (SUPERB) Act 44-2-130(E)(1): "An owner or operator of an underground storage tank or his agent seeking to qualify for compensation from the SUPERB Account for site rehabilitation shall submit a written application to the department."

Permit #: Facility Name:
Facility Address:
Owner Name:
Owner Address:
Owner Phone #:

For the following section, circle YES or NO:

YES or NO I request compensation from the SUPERB Account for the release discovered/reported on

You/your company must satisfy a \$25,000.00 deductible prior to the Division using SUPERB funds (Pursuant to the SUBERB Act 44-2-130). According to department records, you/your company had as your financial responsibility mechanism at the time the release was reported. If this information is inaccurate, please correct it by checking the appropriate mechanism below:

- Letter of Credit Insurance Policy Self-Insurance Surety Bond Guarantee

INSURANCE STATEMENT

This site is potentially eligible to receive state monies to assist in site rehabilitation. Before eligibility for the SUPERB funds can be determined, written confirmation of the existence or non-existence of an environmental insurance policy for this site is required. Please circle YES or NO with regard to the following:

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release? YES or NO

My policy provider is
The policy number is
The policy deductible is Policy limit:

If you have this type of insurance, please include a copy of the policy with this report.

Owner Signature: Sworn before me this day

Print Signatory Name: of , 20

Date: Notary Public (Signature)

for the State of (if other than South Carolina, affix seal)



Tech
USPS Form 3800
0001100101# 5

First Class and Certified Mail
Article No 9214 8969 0099 9790 1409 0584 15

July 26, 2017

Vinod Dhand
NSS, Inc., President
220 Hedgewood Terrace
Greer, South Carolina 29650

U.S. Postal Service™	
CERTIFIED MAIL® RECEIPT	
Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
9214 8969 0099 9790 1409 0584 15	
Certified Mail Fee \$ \$3.35	Electronic Return Receipt Requested Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$ \$1.45	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$ \$0.00	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	
Total Postage and Fees \$	
Sent To Street, Apt. No., or PO Box No. City, State, Zip+4	Vinod Dhand NSS, Inc. 220 Hedgewood Terrace Greer, SC 29650
PS Form 3800, April 2013 7/26/2017 1:28:03 PM See Reverse for Instructions	

RE: May 17, 2017, Notice of Alleged Violation (NOAV)
Sav a Ton, 3790 Calhoun Memorial Highway, Easley, South Carolina (Facility)
UST Permit ID #11650

Dear Mr. Dhand:

The above-referenced Facility has been referred to the Enforcement Section for failure to comply with the May 17, 2017, NOAV. The Department directed you to submit a Site Specific Work Plan (SSWP)/Quality Assurance Project Plan (QAPP) for an Initial groundwater Assessment (IGWA) in response to a confirmed release documented in the underground storage tank closure report. The SWPP/QAPP were to be submitted by June 17, 2017.

The following actions need to be taken in order to avoid further enforcement action, including the assessment of monetary penalties:

- A. Submit a SSWP/QAPP for an IGWA by **September 1, 2017**; and,
- B. Submit an IGWA Report within sixty (60) days of approval of the SWPP/QAPP.

The above-referenced documentation should be mailed to:

SCDHEC/BLWM
Division of Compliance and Enforcement
Enforcement Section
Attn: Jane Mundell
2600 Bull Street
Columbia, SC 29201

This enforcement action will remain open and could subject you to a proposed consent order and a civil penalty until the requested actions are performed, reviewed, and deemed acceptable by the Department. **S.C. Code Ann. § 44-2-140 (B), as amended**, provides that the Department may assess a civil penalty not to exceed ten thousand dollars for each tank for each day of violation.

This correspondence is being sent to you by first class mail and certified mail to better ensure delivery. If you have any questions regarding this matter, please telephone me at (803) 898-0488.

Respectfully,

A handwritten signature in black ink, appearing to read "Jane Mundell". The signature is fluid and cursive, written in a professional style.

Jane Mundell
Enforcement Section
Division of Compliance and Enforcement
Bureau of Land and Waste Management

ec: Ed Mendenhall, SCDHEC, Assessment Section
cc: Elizabeth Camp, c/o NSS, Inc.



dhec

Healthy People. Healthy Communities.

Tech
UST PROGRAM
DOCKETING # _____

First Class Mail and Certified Mail
Article No: 9214 8969 0099 9790 1409 8211 63

October 12, 2017

Ms. Elizabeth Camp
c/o NSS Inc.
2288 Peachtree Road, Unit 3
Atlanta, Georgia 30309

**RE: Rescheduled: Notice of Alleged Violation/Enforcement Conference
Sav-a-Ton, 3790 Calhoun Memorial Highway,
Easley, South Carolina (Facility)
UST Permit No. 11650
Pickens County**

Dear Ms. Camp:

Please find enclosed a revised Notice of Alleged Violation/Notice of Enforcement Conference for the above-referenced Site. The enforcement conference has been rescheduled to November 2, 2017.

The scheduled enforcement conference will provide you and the Department the opportunity to discuss the alleged violations. Please plan to attend the conference or ensure that a representative authorized to speak on your behalf attends.

This correspondence is being sent to you by first class mail and certified mail to better ensure delivery.

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
9214 8969 0099 9790 1409 8211 63	
Certified Mail Fee \$	Electronic Return Receipt Requested Postmark Here
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$3.35	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$1.45	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$	
Postage \$	\$0.00
Total Postage and Fees \$	
Sent To Elizabeth Camp c/o NSS, Inc. 2288 Peachtree Road Atlanta, GA 30309	
Street, Apt. No., or PO Box No.	
City, State, Zip+4 10/12/2017 8:10:00 AM	
PS Form 3800, April 2015 See Reverse for Instructions	

If you have any questions regarding this matter, please telephone me at (803) 898-0488.

Respectfully,

A handwritten signature in black ink, appearing to read "Jane Mundell". The signature is fluid and cursive, with the first name "Jane" being more prominent.

**Jane Mundell
Enforcement Section
Division of Compliance and Enforcement
Bureau of Land and Waste Management**

Enclosures

**ec: Nathan Haber, General Counsel, BLWM
Chris Doll, Manager UST Assessment Section, BLWM
Ed Mendenhall, UST Assessment Section, BLWM
Travis Fuss, Director, Midlands EA, Aiken Area, BEHS**

USPS Tracking® Results

[FAQs > \(http://faq.usps.com/?articleId=220900\)](http://faq.usps.com/?articleId=220900)

Track Another Package +

Remove X

Tracking Number: 92148969009997901409821163

Alert

We attempted to deliver your item at 3:29 pm on October 19, 2017 in ATLANTA, GA 30309 but could not complete the delivery because the employee did not have access to the delivery location. Your item will go out for delivery on the next business day.

Product & Tracking Information

[See Available Actions](#)

Postal Product:
First-Class Mail®

Features:
Certified Mail™



DATE & TIME	STATUS OF ITEM	LOCATION
October 19, 2017, 3:29 pm	No Access	ATLANTA, GA 30309



We attempted to deliver your item at 3:29 pm on October 19, 2017 in ATLANTA, GA 30309 but could not complete the delivery because the employee did not have access to the delivery location. Your item will go out for delivery on the next business day.

Reminder to Schedule
Redelivery of your item



First Class Mail and Certified Mail
Article No: 9214 8969 0099 9790 1409 8212 00

October 12, 2017

Mr. Vinad Dhand
 NSS, Inc., President
 220 Hedgewood Terrace
 Greer, South Carolina 29650

**RE: Rescheduled: Notice of Alleged Violation/Enforcement Conference
 Sav-a-Ton, 3790 Calhoun Memorial Highway,
 Easley, South Carolina (Facility)
 UST Permit No. 11650
 Pickens County**

Dear Mr. Dhand:

Please find enclosed a revised Notice of Alleged Violation/Notice of Enforcement Conference for the above-referenced Site. The enforcement conference has been rescheduled to November 2, 2017.

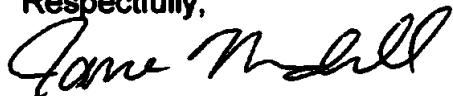
The scheduled enforcement conference will provide you and the Department the opportunity to discuss the alleged violations. Please plan to attend the conference or ensure that a representative authorized to speak on your behalf attends.

This correspondence is being sent to you by first class mail and certified mail to better ensure delivery.

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ® 9214 8969 0099 9790 1409 8212 00	
Certified Mail Fee \$	Electronic Return Receipt Requested
Extra Services & Fees (check box(es) as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$3.35	
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$1.45	
<input type="checkbox"/> Adult Signature Required \$	Postmark Here
<input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	
Postage \$	
Total Postage and Fees \$	
Sent To Street, Apt. No., or PO Box No. City, State, Zip+4	Vinad Dhand NSS, Inc. 220 Hedgewood Terrace Greer, SC 29650 10/12/2017 8:14:45 AM
PS Form 3800, April 2015 See Reverse for Instructions	

If you have any questions regarding this matter, please telephone me at (803) 898-0488.

Respectfully,

A handwritten signature in black ink that reads "Jane Mundell". The signature is written in a cursive, flowing style.

Jane Mundell
Enforcement Section
Division of Compliance and Enforcement
Bureau of Land and Waste Management

Enclosures

cc: Nathan Haber, General Counsel, BLWM
Chris Doll, Manager UST Assessment Section, BLWM
Ed Mendenhall, UST Assessment Section, BLWM
Travis Fuss, Director, Midlands EA, Aiken Area, BEHS

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DATE & TIME

STATUS OF ITEM

LOCATION

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This is a reminder to arrange for redelivery of your item or your item will be returned to sender. You may arrange redelivery by using the Schedule a Redelivery feature on this page or calling 800-ASK-USPS, or may pick up the item at the Post Office indicated on the notice.

October 14, 2017, 5:13 pm

Available for Pickup

GREER, SC 29651

October 14, 2017, 2:36 pm

Notice Left (No Authorized
Recipient Available)

GREER, SC 29650

Notice Left 2

**STATE OF SOUTH CAROLINA
BEFORE THE DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
(DEPARTMENT)**

**VINOD DHAND (INDIVIDUALLY) AND D/B/A NSS, INC., AND ELIZABETH CAMP
SAV-A-TON (FACILITY)
UNDERGROUND STORAGE TANK PERMIT # 11650
PICKENS COUNTY**

NOTICE OF ALLEGED VIOLATION/NOTICE OF ENFORCEMENT CONFERENCE

VINOD DHAND (INDIVIDUALLY) AND D/B/A NSS, INC. AND ELIZABETH CAMP ARE HEREBY NOTIFIED that an enforcement conference with the Department has been scheduled for November 2, 2017, at 1:30 p.m., Room 1475, in the offices of the Bureau of Land and Waste Management, Sims/Aycock Building, 2600 Bull Street, Columbia, South Carolina. All visitors must enter the building through the main entrance and check in with the receptionist to receive a visitor's badge. Please wear the badge during your visit and return it to the receptionist upon leaving the building. You must wait for someone from our office to escort you to the conference room.

Representatives of Vinod Dhand (individually) and d/b/a NSS, Inc. and Elizabeth Camp have the opportunity to be present at this conference to discuss the alleged violations of the South Carolina Underground Storage Tank Control Regulation 61-92 (Supp. 2017), (Regulations) and the State Underground Petroleum Environmental Response Bank Act of 1988 (SUPERB Act), S.C. Code Ann. § 44-2-10 *et seq.* (2002 and Supp. 2016).

Representatives of Vinod Dhand (individually) and d/b/a NSS, Inc. and Elizabeth Camp may be accompanied at the conference by legal and/or technical counsel. The possibility of a Consent Order containing civil penalties may be discussed.

This Notice is based upon the following findings of the Department:

1. Vinod Dhand (individually) and d/b/a NSS, Inc. (Mr. Dhand) is the owner of the former

underground storage tanks (USTs), as defined in the SUPERB Act. The USTs were located at 3790 John Calhoun Highway, Easley, South Carolina. Elizabeth Camp (Ms. Camp) is the property owner of record per the Pickens County Tax Assessor's Office. On May 5, 2016, the USTs were removed. The Department was notified that a release had occurred at the Facility in UST closure report submitted on September 16, 2016.

2. On December 5, 2016, the Department sent a letter (Mendenhall to Dhand), via first-class mail, which required that a Site Specific Work Plan/Quality Assurance Program Plan (SSWP/QAPP) be submitted to the Department. A date of January 5, 2017, was established for submittal of the SSWP/QAPP. The first-class mail was not returned. Mr. Dhand did not respond and failed to comply.
3. On May 17, 2017, the Department sent a letter (Mendhall to Dhand), via certified mail, requiring that a Site Specific Work Plan/Quality Assurance Program Plan (SSWP/QAPP) be submitted to the Department. A date of January 11, 2017, was established for the SSWP/QAPP to be submitted to the Department.
4. On June 26, 2017, Mr. Dhand was sent to the Enforcement Section.
5. On July 26, 2017, letters were sent (Mundell to Dhand and Camp), via first-class and certified mail, requiring that a Site Specific Work Plan/Quality Assurance Program Plan (SSWP/QAPP) be submitted to the Department. A date of September 1, 2017, was established for the SSWP/QAPP to be submitted to the Department. The certified mail for Mr. Dhand and Ms. Camp was returned and marked "unclaimed". The first-class mail was not returned. Ms. Camp failed to respond and did not comply.
6. On July 31, 2017, Mr. Dhand contacted the Department by telephone (Dhand to Mundell) and stated that he did not own the USTs but leased them from Ms. Camp. He also stated that Ms. Camp had the USTs removed. Mr. Dhand did not submit a SSWP/QAPP.

APPLICABLE STATUTES:

S.C. Code Ann. § 44-2-140(A) (2002 and Supp. 2016), provides that the Department may issue Orders requiring compliance and assessing civil penalties for violations of the above laws and regulations.

S.C. Code Ann. § 44-2-140(B) (2002 and Supp. 2016), provides that the Department may assess a civil penalty not to exceed ten thousand dollars for each tank for each day of violation.

ALLEGED CONCLUSIONS OF LAW:

Based on the above findings, the Department alleges that Vinod Dhand (individually) and d/b/a NSS, Inc. and Elizabeth Camp have violated the following:

R.61-92, Section 280.34(c) (2012), in that Vinod Dhand (individually) and d/b/a NSS, Inc. and Elizabeth Camp failed to provide records to the Department upon request.

R.61-92, Section 280.65 (2012), in that Dhand (individually) and d/b/a NSS, Inc. and Elizabeth Camp failed to determine the full extent of a release in accordance with a schedule established by the Department.

VINOD DHAND (INDIVIDUALLY) AND D/B/A NSS, INC. AND ELIZABETH CAMP ARE FURTHER NOTIFIED that failure to attend the scheduled conference will likely result in the issuance of an Administrative Order without Vinod Dhand's (individually) and d/b/a NSS, Inc. and Elizabeth Camp's consent. Such an Order may contain the above findings as findings of fact and may impose monetary penalties.

This Notice is made pursuant to S.C. Code Ann. § 44-2-140(A) (2002 and Supp. 2016) which authorizes the Department to issue Orders and S.C. Code Ann. § 44-2-140(B) (2002 and Supp. 2016) which authorizes the Department to assess monetary penalties.

10/12/17
DATE



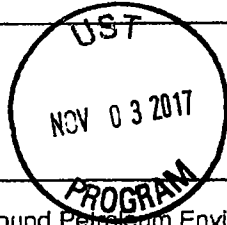
**Jane Mundell
Enforcement Section
Division of Compliance and Enforcement
Bureau of Land & Waste Management**

Tech
UST PROGRAM 10
DOCKETING #

ENFORCEMENT CONFERENCE REGISTER

Sav-a-Ton
UST #11650
November 2, 2017 @ 1:30 p.m.
Bureau of Land & Waste Management

	<u>Name (please print)</u>	<u>Telephone #</u>	<u>Affiliation</u>
1.	Jane Mundell	(803)898-0488	DHEC - BLWM Enforcement
2.	CAROL DOW	803-898-0649	DHEC- UST MANAGEMENT
3.	Jeffery "Ed" Mendenhall	(803) 898-0586	DHEC - UST Management
4.	Beverly McLeod	803-898-0478	DHEC BLWM Enforcement
5.	▼ Vinod Dhand	864-238-5060	NSB INC.
6.	Betsy Camp	404-291-3231	LANDRIVER
7.	John Whitehead	864.574.2860	S+M E
8.			
9.			
10.	EMAIL	sapradhand9530@gmail.com	
11.			
12.			
13.			
14.			
15.			



Superb Account Application
Ust Management Division

Pursuant to the State Underground Petroleum Environmental Response Bank (SUPERB) Act 44-2-130(E)(1): "An owner or operator of an underground storage tank or his agent seeking to qualify for compensation from the SUPERB Account for site rehabilitation shall submit a written application to the department."

Permit #: 11650 Facility Name: SAV-A-TON
Facility Address: 3770 JOHN C CALHOUN MEMORIAL HWY Easley SC 29640
Owner Name: VINOD DHAND
Owner Address: 220 Hedgewood Terrace, Greer, SC 29645
Owner Phone #: 864-238-5060

For the following section, circle YES or NO:

YES or NO I request compensation from the SUPERB Account for the release discovered/reported on _____.

You/your company must satisfy a \$25,000.00 deductible prior to the Division using SUPERB funds (Pursuant to the SUPERB Act 44-2-130). According to department records, you/your company had _____ as your financial responsibility mechanism at the time the release was reported. If this information is inaccurate, please correct it by checking the appropriate mechanism below:

- Letter of Credit
- Insurance Policy
- Self-Insurance
- Surety Bond
- Guarantee

INSURANCE STATEMENT

This site is potentially eligible to receive state monies to assist in site rehabilitation. Before eligibility for the SUPERB funds can be determined, written confirmation of the existence or non-existence of an environmental insurance policy for this site is required. Please circle YES or NO with regard to the following:

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release?
YES or NO

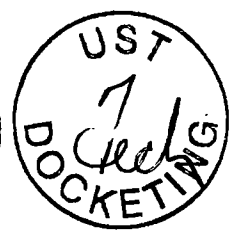
My policy provider is _____
The policy number is _____
The policy deductible is _____ Policy limit: _____

If you have this type of insurance, please include a copy of the policy with this report.

Owner Signature: Vinod Dhand
Print Signatory Name: VINOD DHAND
Date: 11/2/17

Sworn before me this 2nd day
of November, 2017
Sandra R. Weisiger
Notary Public (Signature)
for the State of South Carolina
(if other than South Carolina, affix seal)
My Commission Expires: 2-3-2025

PERMISSION FORM
PROPERTY OWNER
UST Permit #11650



If you are the Property Owner or are the authorized representative for that person, please complete this form.

I, Elizabeth A. Comp certify that I am the legal owner of the property identified below or serve as the authorized representative for the property owner. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. Compensation to the contractor will be from the SUPERB Account and I will have no obligation to pay the contractor. I understand that DHEC will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

Name of Facility SAV-A-TEN Phone # 404-291-3231

Street Address of Facility 3790 JOHN C. Calhoun Memorial Hwy

Town, City, District, Suburb Easley, SC 29460

Name of nearest intersecting street, road, highway, Hwy 134 & Hwy 123

Is this facility within the city limits? (yes or no) no

Is this facility serviced by a public water or sewer utility? (yes or no) yes, if no, please provide the name of a person we can contact that can assist in the location of private water and septic tank lines Name _____ phone number _____

Were underground storage tanks previously removed from the ground at this facility? (yes or no) yes, if yes, please provide the name of a person we can contact that can assist in the location of the former underground storage tank excavation John Whitehead Phone number 864-574-2700

Is the property currently leased or rented to someone? (yes or no) no, if yes, please provide their name _____ and phone number _____ and let them know about the pending assessment activities. If vehicles or other mobile structures are parked over the monitoring wells, they should be moved before SCDHEC's contractor arrives at the site.

NAME of property owner (Please Print): Elizabeth A. Comp

Phone Number (home) 404-291-3231 (work) _____

Current Mailing Address 2660 Peachtree Ave #34F Atlanta, Ga. 30325

Signature of Property Owner: Elizabeth A. Comp

Witness Sandra R. Wessinger

Date: 11-2-17 Month _____

_____ Day _____ Year _____

Please return to: Ed Mendenhall, UST Management Division, 2600 Bull Street, Columbia, SC 29201



PERMISSION FORM UNDERGROUND STORAGE TANK OWNER

UST Permit # 11650



If you are the owner of the former or existing underground storage tanks or are designated as their authorized representative, but do not own the property, please complete this form.

I, VINOD DHAND certify that I am the legal owner of the underground storage tank(s) located at the facility identified below or serve as the authorized representative for the UST owner. I grant permission to the South Carolina Department of Health and Environmental Control (DHEC) to secure on my behalf services of a contractor to conduct assessment and corrective action activities, as required. The contractor will be designated as my contractor for only the required environmental site rehabilitation activities. Compensation to the contractor will be from the SUPERB Account and I will have no obligation to pay the contractor. I understand that DHEC will be responsible for obtaining right-of-entry from the property owner and notifying me of all activities that are necessary prior to their initiation and will promptly provide to me a copy of each environmental report. I understand that I may choose to select my own contractor at the completion of any phase of work by notifying the Bureau of Underground Storage Tank Management in writing.

Name of Facility Sav A Ton Phone #

Street Address of Facility 3790 J.C. Calhoun Memorial Hwy

Town, City, District, Suburb Easley, SC 29640

Name of nearest intersecting street, road, highway, alley

Is this facility within the city limits? (yes or no) Does a public water or sewer utility service this facility? (yes or no), if no, please provide the name and phone number of a person that we can contact that can assist in the location of private water and septic tank lines Phone number

Were underground storage tanks previously removed from the ground at this facility? (yes or no) If yes, please provide the name of a person we can contact that can assist in the location of the former underground storage tank excavation Phone number

Is the property currently leased or rented to someone? (yes or no) If yes, please provide their name and phone number and let them know about the pending assessment activities. If vehicles or other mobile structures are parked over the former or existing underground storage tanks, they should be moved before the Agency's contractor gets to the site.

NAME of UST owner (Please Print): VINOD DHAND

Phone Number (home) 864-238-5060 (work)

Signature of UST Owner: Vinod Dhand

Witness: Sandra B. Wessinger

Date Signed: 12-2-17



Tech 9
UST PROGRAM
BOOKETING # _____

First Class and Certified Mail
Article No 9214 8969 0099 9790 1410 0667 20
Article No 9214 8969 0099 9790 1410 0667 44

November 6, 2017

Mr. Vinod Dhand
NSS, Inc., President
220 Hedgewood Terrace
Greer, South Carolina 29650

Ms. Elizabeth Camp
2660 Peachtree Road #34 F
Atlanta, Georgia 30305

RE: November 2, 2017, Enforcement Conference
Sav a Ton, 3790 Calhoun Memorial Highway, Easley, South Carolina (Facility)
UST Permit ID #11650

Dear Mr. Dhand and Ms. Camp:

Thank you for attending the above-referenced conference. During the conference the following was accomplished:

1. Mr. Dhand, as the owner/operator of the USTs, signed the Superb Account Application Form;
2. Ms. Camp agreed to pay twenty-five thousand dollars (\$25,000.00) to qualify the Facility for the Superb Fund;
3. Mr. Dhand, as the owner/operator of the USTs, signed the state lead permission form;
4. Ms. Camp, as the property owner, signed a property access permission form to allow the Department to access the property to conduct the required assessment activities.

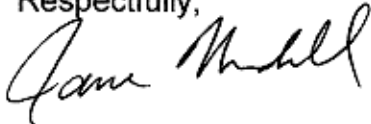
As a result of the above, the Department has placed the enforcement action for this Facility on hold pending receipt of Financial Responsibility.

Please submit the funds for Financial Responsibility to the Department by **December 6, 2017**. All correspondence should be directed to:

SCDHEC/BLWM
 Division of Compliance and Enforcement
 Enforcement Section
 Attn: Jane Mundell
 2600 Bull Street
 Columbia, SC 29201

This correspondence is being sent to you by first class mail and certified mail to better ensure delivery. If you have any questions regarding this matter, please telephone me at (803) 898-0488 or Ed Mendenhall at 898-0586.

Respectfully,



Jane Mundell
 Enforcement Section
 Division of Compliance and Enforcement
 Bureau of Land and Waste Management

cc: Ed Mendenhall, SCDHEC, Assessment Section
 John Whitehead, S&ME

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
9214 8969 0099 9790 1410 0667 44	
Certified Mail Fee \$	
Extra Services & Fees (check box and price as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$3.35	Electronic Return Receipt Requested Postmark Here
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$1.45	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	
Postage \$	
Total Postage and Fees \$	
Sent To Elizabeth Camp 2660 Peachtree Road, #34 F Atlanta, GA 30305	
Street, Apt. No., or PO Box No. City, State, Zip+4 11/6/2017 8:13:18 AM	
PS Form 3800, April 2015 See Reverse for Instructions	

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only	
For delivery information, visit our website at www.usps.com ®	
9214 8969 0099 9790 1410 0667 20	
Certified Mail Fee \$	
Extra Services & Fees (check box and price as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy) \$3.35	Electronic Return Receipt Requested Postmark Here
<input type="checkbox"/> Return Receipt (electronic) \$	
<input type="checkbox"/> Certified Mail Restricted Delivery \$1.45	
<input type="checkbox"/> Adult Signature Required \$	
<input type="checkbox"/> Adult Signature Restricted Delivery \$0.00	
Postage \$	
Total Postage and Fees \$	
Sent To NSS, Inc. Attn: Vinod Dhand 220 Hedgewood Terrace Greer, SC 29650	
Street, Apt. No., or PO Box No. City, State, Zip+4 11/6/2017 8:11:03 AM	
PS Form 3800, April 2015 See Reverse for Instructions	



MS ELIZABETH W CAMP
2660 PEACHTREE RD #34F
ATLANTA GA 30305

Re: Letter of Concern
SAV-A-TON, 3790 John C Calhoun Memorial Hwy, Easley, SC
UST Permit #11650
Release reported September 16, 2016
Phone Request received November 28, 2017
Pickens County



Dear Ms. Camp:

You requested that this office provide you with an update on the environmental conditions at the above referenced facility.

We received a report on September 16, 2016 documenting petroleum chemicals of concern in the subsurface in the vicinity of the former underground storage tanks. Division records indicate that 5 underground storage tank (USTs) owned by NSS, Inc. were removed on May 5, 2016. In response to the initial report of petroleum chemicals of concern, we directed NSS, Inc., as the party responsible for performing this activity under state and federal law, to assess the extent and severity of the contamination. An Initial Groundwater Assessment has been directed to assess the extent of the release.

The UST Management Division would also like to clarify the financial and liability issues regarding the petroleum chemicals of concern at this facility. The release of petroleum products from the UST is qualified to receive funding from the State Underground Petroleum Environmental Response Bank (SUPERB) Account once the \$25,000 deductible has been met. This means that reasonable costs up to \$1,000,000 can be paid by the SUPERB Account for site rehabilitation activities associated with this release.

Section 80(C) of the SUPERB Act provides that a subsequent purchaser of property from which an UST has been removed is not responsible for site rehabilitation activities other than abatement actions necessary to eliminate any imminent threat to human health or the environment. This exemption applies to the extent that the release is eligible for compensation from the SUPERB Account, provided that the person allows reasonable access to the property for rehabilitation activities, and does not or has not had any familial, financial, or other interest with the person who owned or operated the UST. This applies equally to subsequent lenders or to those who would acquire this property through foreclosure in the future.

The Division is not aware of any laws or regulations that prohibit the use or development of properties where a petroleum release has occurred. Any future work required by DHEC should not cause any damage to the building, disrupt deliveries, prevent access to customers, or block main access routes. To further assure you, any required activities associated with the petroleum release would be performed by a SC Certified Site Rehabilitation Contractor who maintains specific levels of insurance coverage for General and Professional Liability and Pollution/Property Damage. Such coverage is required by Section IV of the SUPERB Site Rehabilitation and Fund Access Regulations R. 61-98.

If you have any questions, please contact me at (803) 898-7542. I can also be reached by email at mendenje@dhec.sc.gov.

Sincerely,



Ed Mendenhall, Hydrogeologist
Assessment and Unregulated Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: NSS, Inc., 220 Hedgewood Terrace, Greer, SC 29650
John Whitehead, P.G., S&ME, Inc., 301 Zima Park Road, Spartanburg, SC 29301
Technical File



Superb Account Application
Ust Management Division

Pursuant to the State Underground Petroleum Environmental Response Bank (SUPERB) Act 44-2-130(E)(1): "An owner or operator of an underground storage tank or his agent seeking to qualify for compensation from the SUPERB Account for site rehabilitation shall submit a written application to the department."

Permit #: 11650 Facility Name: Sav-A-Ten
 Facility Address: 3790 John C. Calhoun Memorial Hwy, Greer, SC 29610
 Owner Name: Vinod Dhand
 Operator Address: 220 Hedge Road Terrace, Greer, SC 29610
 Operator Phone #: (804) 238-5060

For the following section, circle YES or NO:

YES or NO I request compensation from the SUPERB Account for the release discovered/reported on 9/16/16

You/your company must satisfy a \$25,000.00 deductible prior to the Division using SUPERB funds (Pursuant to the SUBERB Act 44-2-130). According to department records, you/your company had _____ as your financial responsibility mechanism at the time the release was reported. If this information is inaccurate, please correct it by checking the appropriate mechanism below:

- Letter of Credit Insurance Policy Self-Insurance Surety Bond Guarantee

INSURANCE STATEMENT

This site is potentially eligible to receive state monies to assist in site rehabilitation. Before eligibility for such monies can be determined, written confirmation of the existence or non-existence of an environmental insurance policy for this site is required. Please circle YES or NO with regard to the following:

Is there now, or has there ever been an insurance policy or other financial mechanism that covers this UST release?
 YES or NO

My policy provider is _____
 The policy number is _____
 The policy deductible is _____ Policy limit: _____

If you have this type of insurance, please include a copy of the policy with this report.

Owner Signature: Vinod Dhand Sworn before me this 04 day
 of DEC, 2017
 Date: _____
 Notary Public Shygo (Signature)

DECLARED before me at the City of AGRAON in the Province of PUNJAB and Country of INDIA
 this 04 day of DEC, 2017
 (if other than South Carolina, affix seal)



SCHDEC, UST Management Division, 2800 Eul Street, Columbia, SC 20201. PHONE (803) 298-4682; FAX (803) 895-6673; www.scdhec.gov/ust

DHEC 1356 (06/2014) SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Attested AS Identified
 NOTARY PUBLIC
 Jagraon (Ldh.)

Notary is Registered as
 Sr. No. 542/2017

- 4 DEC 2017.

UST Docket 51



11650

MAR 06 2018



BRYAN SHANE, PG
 MIDLANDS ENVIRONMENTAL CONSULTANTS INC
 PO BOX 854
 LEXINGTON SC 29071

Re: Site-Specific Work Plan Directive for Small Scope Contract
 Solicitation # 54000014185; PO# 4600602150

Dear Mr. Shane:

Based on the award of the referenced bid package, enclosed are the information packets to conduct assessments at several facilities. Please submit the Site-specific Quality Assurance Project Plan for an IGWA, Tier I or Assessment Plan, and Assessment Component Cost Agreement as necessary, to my attention **within fifteen (15) days from the date of this correspondence**. Plan implementation shall not commence prior to receipt of written technical and financial approval from the Department. The facilities will be assigned a Cost Agreement (CA) numbers once the QAPP Contractor Addendum has been approved by the project manager. Please reference the CA numbers and Purchase Order # 4600602150 on the appropriate invoices submitted for payment. As specified in the referenced bid, **the completed invoice forms and associated reports (include contract certification number) are expected on or before the designated due date (see below) after the technical and cost approval from the project manager.**

UST Permit #	Facility	County	Project Manager	Work Scope	Due Date*
02580	Cottageville Texaco	Colleton	Butler	Well Replacement and Repairs	60 Days
14472	Southside Grocery	Chester	Gladden	Survey, Well Abandonment, and Installation	60 Days
03539	Sav a Ton 84	Florence	Dunn	MW/RW Installation	60 Days
11650	Sav a Ton	Pickens	Mendenhall	IGWA	60 Days

*From receipt of Notice to Proceed letter

Midland's Environmental Consultants, Inc. will perform services at the sites on behalf of the site's UST owners; however, payments will be made from the State Underground Petroleum Environmental Response Bank (SUPERB) Account. The site's UST owners have no obligation for payment for this scope of work.

Please note any changes in the established cost agreement amounts (e.g., additional water supply wells sampled, additional well footage, etc.) contact the site's project manager for technical and/or financial approval. Failure to do so prior to submittal of invoice may result in delay of payment.

IGWA, Tier I or Assessment Quality Assurance Project Plan, Implementation and Report submittal shall be performed in accordance with the referenced contract. Per Section 3.4.2., a late fee of \$50.00/day (not to exceed 20% of the cost agreement total) may be levied for each day the report is submitted after the deadline established in the Notice to Proceed letter.

Please provide this office with a schedule of drilling dates and coordinate all work with me before commencing work at the facility. **In accordance with the bid specification, a bi-monthly status report of the project should be provided by the 5th and 20th of each month via e-mail to my attention.** If you have any questions or need further assistance, please contact me at (803) 898-0592.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Patterson', with a long horizontal line extending to the right.

Kyle Patterson, Hydrogeologist
Assessment & Unregulated Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Information Packets

cc: Kyle Patterson, UST Management Division (w/enc)
Technical File (w/enc)

**UNDERGROUND STORAGE TANK PROGRAM
BUREAU OF LAND AND WASTE MANAGEMENT
2600 Bull Street, Columbia, South Carolina 29201
Telephone: 803-896-6240**

MEMORANDUM

TO: Bryan Shane, Midlands Environmental Consultants, Inc.

FROM: Ed Mendenhall

RE: **Site-Specific Work Plan Notice to Proceed**

Facility Name: Sav A Ton

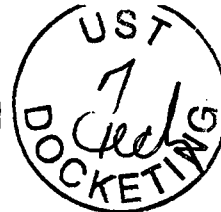
Permit Number: 11650

County: Pickens

Work To Be Completed: Initial Groundwater Assessment for former gas station. MW-1 is to be installed in the vicinity of soil boring PL-12. Site Map and soil analytical results included.

CA# 56283

PERMISSION FORM
PROPERTY OWNER
UST Permit #11650



If you are the Property Owner or are the authorized representative for that person, please complete this form.

I, Elizabeth W. Camp certify that I am the legal owner of the property identified below or serve as the authorized representative for the property owner. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. Compensation to the contractor will be from the SUPERB Account and I will have no obligation to pay the contractor. I understand that DHEC will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

Name of Facility SAV-A-TEV Phone # 404-291-3231

Street Address of Facility 3790 JOHN C. Calhoun Memorial Hwy

Town, City, District, Suburb Eastley, SC 29460

Name of nearest intersecting street, road, highway, Hwy 124 & Hwy 123

Is this facility within the city limits? (yes or no) no

Is this facility serviced by a public water or sewer utility? (yes or no) yes, if no, please provide the name of a person we can contact that can assist in the location of private water and septic tank lines Name _____ phone number _____

Were underground storage tanks previously removed from the ground at this facility? (yes or no) yes, if yes, please provide the name of a person we can contact that can assist in the location of the former underground storage tank excavation John Whitehead Phone number 864-574-2360

Is the property currently leased or rented to someone? (yes or no) no, if yes, please provide their name _____ and phone number _____ and let them know about the pending assessment activities. If vehicles or other mobile structures are parked over the monitoring wells, they should be moved before SCDHEC's contractor arrives at the site.

NAME of property owner (Please Print): Elizabeth W. Camp

Phone Number (home) 404-291-3231 (work) _____

Current Mailing Address 2660 Peachtree Blvd #34F Atlanta, Ga. 30325

Signature of Property Owner: Elizabeth W. Camp

Witness Sandra R. Wessinger

Date: 11-2-17 Month _____

Day _____ Year _____

Please return to: Ed Mendenhall, UST Management Division, 2600 Bull Street, Columbia, SC 29201

SCANNED



LEGEND:

- GASOLINE DISPENSER SOIL SAMPLE
- DIESEL DISPENSER SOIL SAMPLE
- UST TANK PIT SOIL SAMPLE
- PRODUCT LINE SOIL SAMPLE
- PRODUCT LINES

SOURCE:
GOOGLE EARTH IMAGERY

DRAWN BY: NDW	CHECKED BY: JWW
PROJECT NO.: 4226-15-157	DATE: JUNE 2016

SCALE:

S&ME

S&ME, Inc.
GREENVILLE, SC
SPARTANBURG, SC

864.574.2360 Spartanburg
864.232.8987 Greenville
864.576.8730 Fax

www.smeinc.com

UST CLOSURE ASSESSMENT
SAV-A-TON
 3790 JOHN C CALHOUN HIGHWAY
 EASLEY, SOUTH CAROLINA

FIGURE NO.
1



Sr A Ton - 3790 Calhoun Memorial Hwy, Easley
Is no longer there

IX. SAMPLE INFORMATION

A. SCDHEC Lab Certification Number 84004

B.

Sample #	Location	Sample Type (Soil/Water)	Soil Type (Sand/Clay)	Depth*	Date/Time of Collection	Collected by	OVA#
PL-7	Central product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1130	S&ME	1.6
D-4	Central gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1140	S&ME	2.1
PL-8	Central product line	Soil	Clayey silt	6 ft	5/9/16 @ 1340	S&ME	94
PL-9	Eastern product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1350	S&ME	45
PL-10	Eastern product line	Soil	Clayey silt	6 ft	5/9/16 @ 1400	S&ME	14.4
D-5	Eastern gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1410	S&ME	12.1
PL-11	Eastern product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1420	S&ME	17.8
PL-12	Eastern product line intersection	Soil	Clayey silt	6 ft	5/9/16 @ 1430	S&ME	2133
D-6	Eastern gasoline dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1440	S&ME	35
D-7	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1450	S&ME	90
D-8	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1500	S&ME	58
D-9	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1510	S&ME	157
D-10	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1520	S&ME	38.7
D-11	Eastern diesel dispenser	Soil	Clayey silt	2 ft	5/9/16 @ 1530	S&ME	29

* = Depth Below the Surrounding Land Surface

Total Solids by Method 2540 G-2011

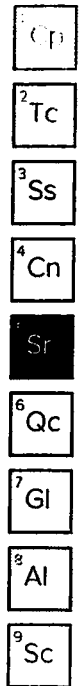
Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.0		1	05/14/2016 11:00	WG872344

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Benzene	0.121		0.0288	20.75	05/16/2016 21:54	WG872232
Toluene	4.82		0.144	20.75	05/16/2016 21:54	WG872232
Ethylbenzene	7.90		0.576	415	05/19/2016 04:36	WG873722
Xylenes, Total	51.2		1.73	415	05/19/2016 04:36	WG873722
Naphthalene	8.35		2.88	415	05/19/2016 04:36	WG873722
(S) Toluene-d8	104		88.5-111		05/19/2016 04:36	WG873722
(S) Toluene-d8	94.1		88.5-111		05/16/2016 21:54	WG872232
(S) Dibromofluoromethane	96.4		78.3-121		05/16/2016 21:54	WG872232
(S) Dibromofluoromethane	93.8		78.3-121		05/19/2016 04:36	WG873722
(S) o,a,o-Trifluorotoluene	110		85.0-114		05/19/2016 04:36	WG873722
(S) o,a,o-Trifluorotoluene	90.8		85.0-114		05/16/2016 21:54	WG872232
(S) 4-Bromofluorobenzene	105		71.0-126		05/16/2016 21:54	WG872232
(S) 4-Bromofluorobenzene	104		71.0-126		05/19/2016 04:36	WG873722

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg		date / time	
Anthracene	ND		0.00833	1	05/18/2016 11:05	WG872615
Acenaphthene	ND		0.00833	1	05/18/2016 11:05	WG872615
Acenaphthylene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(a)anthracene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(a)pyrene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(b)fluoranthene	0.00889		0.00833	1	05/18/2016 11:05	WG872615
Benzo(g,h,i)perylene	ND		0.00833	1	05/18/2016 11:05	WG872615
Benzo(k)fluoranthene	ND		0.00833	1	05/18/2016 11:05	WG872615
Chrysene	ND		0.00833	1	05/18/2016 11:05	WG872615
Dibenz(a,h)anthracene	ND		0.00833	1	05/18/2016 11:05	WG872615
Fluoranthene	0.0150		0.00833	1	05/18/2016 11:05	WG872615
Fluorene	ND		0.00833	1	05/18/2016 11:05	WG872615
Indeno(1,2,3-cd)pyrene	ND		0.00833	1	05/18/2016 11:05	WG872615
Naphthalene	0.976		0.0278	1	05/18/2016 11:05	WG872615
Phenanthrene	ND		0.00833	1	05/18/2016 11:05	WG872615
Pyrene	0.0130		0.00833	1	05/18/2016 11:05	WG872615
(S) Nitrobenzene-d5	91.2		22.1-146		05/18/2016 11:05	WG872615
(S) 2-Fluorobiphenyl	67.5		40.6-122		05/18/2016 11:05	WG872615
(S) p-Terphenyl-d14	79.5		32.2-131		05/18/2016 11:05	WG872615



SCDHEC UST Management Tracking

BOTH billable and unbillable tanks

Site Information for P-11650 Facility: SAV A TON

<u>Bus.</u>	3790 JOHN C CALHOUN MEMORIAL	<u>Phone</u>	864-269-2988	<u>District</u>	Greenville EQC Office
<u>Address</u>	EASLEY SC 29640	<u>County</u>	Pickens		
<u>Category</u>	Retail Sales	<u>Last Inspection</u>	04/14/15	<u>Trans. of Ownership</u>	07/21/05
<u>Tank Owner</u>	NSS INC				
<u>Bus.</u>	220 HEDGEWOOD TERR			<u>Financial Responsibility</u>	
<u>Address</u>	GREER SC 29650	<u>Phone</u>	864-238-5060	<u>Financial Mechanism</u>	<u>Expiration Date</u>
<u>Operator</u>	DHAND, VINOD			Self Insurance 280.101	02 October 2016
<u>Bus.</u>	220 HEDGEWOOD TERRACE				
<u>Address</u>	GREER SC 29650	<u>Phone</u>	864-244-1850		
<u>Land Owner</u>	CAMP, ELIZABETH				
<u>Bus.</u>	4340 GARMON RD NW				
<u>Address</u>	ATLANTA GA 30327	<u>Phone</u>	404-291-3231		
<u>Tanks</u>	5	<u>Billable</u>	0	<u>Aband.</u>	5
		<u>Other</u>	0		
	<u>Compliance Operator(s)</u>	<u>ID</u>	<u>Training Date</u>		
	DHAND, VINOD	02226	07/07/2011		

<u>Significant?</u>	Y	<u>Memo Date:</u>	04/11/11
<u>Site Memo:</u>	4/11/11 Per Vinnie D. he stated he has (3) 10k RUL tanks only two are manifolded together. (1) 4k Prem tank which used to be a Kero(our records say DL). Then the 10k DL is for on-rd use.		
<u>Significant?</u>	N	<u>Memo Date:</u>	02/24/01
<u>Site Memo:</u>	09-13-00: need to check on status of tanks. Found a CP test port at dispensorr island. Dale and Bill will inspect/verify the site at a later time.WHW		
<u>Significant?</u>	N	<u>Memo Date:</u>	02/24/01
<u>Site Memo:</u>	Release #1 is for DP4 the area near the concrete and asphalt, possibly due to surface spill.RGF10/20/00.		
<u>Significant?</u>	N	<u>Memo Date:</u>	02/24/01
<u>Site Memo:</u>	Technical file missing; therefore, default values < DL used (hrc - i 07/18/97).		
<u>Significant?</u>	N	<u>Memo Date:</u>	02/24/01
<u>Site Memo:</u>			

<u>Rel. No.</u>	1	<u>Reported</u>	10/20/00	<u>Status</u>	Confirmed - Closed	<u>Product</u>	Petroleum	<u>Compl Required</u>	Y
<u>Active Tnks.</u>		<u>NFA</u>	02/27/01	<u>Fin. Type</u>	With SUPERB 25K	<u>RBCA/Score</u>	5B 1	<u>Compliance Met</u>	Y

SCDHEC UST Management Tracking

BOTH billable and unbillable tanks

Site Information for P-11650 Facility: SAV A TON

This release is for the area near the concrete and asphalt, DP4 soil
10/20/00.

boring. Possibly due to surface spill. RGF

<u>Confirmed</u>	10/20/00	<u>Emer. Resp.</u>		<u>Superb Qualified</u>	Y	<u>Compliance Met Dt</u>	
<u>CU Init.</u>	01/15/01	<u>Abate. Met</u>	09/16/00	<u>Superb Determ. Dt</u>	12/14/00	<u>Fin Res Mechanism</u>	
<u>CU Compl.</u>	01/24/01	<u>Transferred</u>		<u>Project Manager</u>	WILLIAMS CHARLES J		
<u>CU > MCL</u>		<u>Source</u>	UST	<u>Responsible Party</u>	CAMP OIL CO		

<u>Rel. No.</u>	2	<u>Reported</u>	12/03/02	<u>Status</u>	Confirmed - Closed	<u>Product</u>		<u>Compl Required</u>	Y
<u>Active Tnks</u>		<u>NFA</u>	01/21/03	<u>Fin. Type</u>		<u>RBCA / Score</u>		<u>Compliance Met</u>	N
		<u>Confirmed</u>	01/21/03	<u>Emer. Resp.</u>		<u>Superb Qualified</u>		<u>Compliance Met Dt</u>	
		<u>CU Init.</u>	01/21/03	<u>Abate. Met</u>		<u>Superb Determ. Dt</u>		<u>Fin Res Mechanism</u>	
		<u>CU Compl.</u>	01/21/03	<u>Transferred</u>		<u>Project Manager</u>	HIGHTOWER CHARLES W		
		<u>CU > MCL</u>		<u>Source</u>	UST	<u>Responsible Party</u>	E Z SERVE CONVENIENCE STORES INC		

<u>Rel. No.</u>	3	<u>Reported</u>	09/16/16	<u>Status</u>	Confirmed - Active	<u>Product</u>	Petroleum	<u>Compl Required</u>	Y
<u>Active Tnks</u>		<u>NFA</u>		<u>Fin. Type</u>	State Lead Prepair	<u>RBCA / Score</u>	5B 1	<u>Compliance Met</u>	Y
		<u>Confirmed</u>	11/04/16	<u>Emer. Resp.</u>		<u>Superb Qualified</u>	Y	<u>Compliance Met Dt</u>	11/01/16
		<u>CU Init.</u>		<u>Abate. Met</u>	05/05/16	<u>Superb Determ. Dt</u>	02/05/18	<u>Fin Res Mechanism</u>	NONE
		<u>CU Compl.</u>		<u>Transferred</u>		<u>Project Manager</u>	MENDENHALL JEFFERY E		
		<u>CU > MCL</u>		<u>Source</u>	UST	<u>Responsible Party</u>	NSS INC		

<u>Tank No.</u>	1	<u>Const.</u>	02/27/89	<u>Class</u>	P	<u>Tank Const. Mat.</u>	SC	<u>Pipe Const. Mat.</u>	SL
		<u>Operate</u>	01/22/90	<u>T Status</u>	ABD	<u>Tank Protect.</u>	FC CP	<u>Pipe Protect.</u>	IC CP 11/19/14
		<u>Notify</u>	02/10/89	<u>Capacity</u>	10,000	<u>Tank Cont. Meth.</u>	SW	<u>Pipe Cont. Meth.</u>	SW
		<u>Variance</u>		<u>Product</u>	RUL	<u>Overfill Type</u>	BFVV Ver 02/10/89	<u>Piping Type</u>	PR
		<u>Compl.</u>	04/14/15	<u>C Status</u>	ABD	<u>Age @ Notif.</u>	0	<u>Dist. to Well</u>	300
		<u>Spill Det.</u>	02/10/89	<u>Left Gal.</u>		<u>Owner @ ABD</u>	NSS INC	<u>Last Use</u>	
		<u>Aband.</u>	05/05/16	<u>Method</u>	RG	<u>CAS No.</u>			
		<u>Under Dispenser Cont.</u>	N	<u>Drop Tube</u>	N	<u>Tank Leak Det.</u>	ATG 02/06/07	<u>Pipe Leak Det.</u>	LLD 03/18/15 LTT 03/18/15

<u>Tank No.</u>	2	<u>Const.</u>	02/27/89	<u>Class</u>	P	<u>Tank Const. Mat.</u>	SC	<u>Pipe Const. Mat.</u>	SL
		<u>Operate</u>	01/22/90	<u>T Status</u>	ABD	<u>Tank Protect.</u>	FC CP	<u>Pipe Protect.</u>	IC CP 11/19/14
		<u>Notify</u>	02/10/89	<u>Capacity</u>	10,000	<u>Tank Cont. Meth.</u>	SW	<u>Pipe Cont. Meth.</u>	SW
		<u>Variance</u>		<u>Product</u>	RUL	<u>Overfill Type</u>	BFVV Ver 02/10/89	<u>Piping Type</u>	PR
		<u>Compl.</u>	04/14/15	<u>C Status</u>	ABD	<u>Age @ Notif.</u>	0	<u>Dist. to Well</u>	300
		<u>Spill Det.</u>	02/10/89	<u>Left Gal.</u>		<u>Owner @ ABD</u>	NSS INC	<u>Last Use</u>	
		<u>Aband.</u>	05/05/16	<u>Method</u>	RG	<u>CAS No.</u>			
		<u>Under Dispenser Cont.</u>	N	<u>Drop Tube</u>	N	<u>Tank Leak Det.</u>	ATG 02/18/07	<u>Pipe Leak Det.</u>	MAN

SCDHEC UST Management Tracking

BOTH billable and unbillable tanks

Site Information for P-11650 Facility: SAV A TON

Tank No.	3	Const.	02/27/89	Class	P	Tank Const. Mat.	SC	Pipe Const. Mat.	SL
		Operate	01/22/90	T Status	ABD	Tank Protect.	FC CP	Pipe Protect.	IC CP 11/19/14
		Notify	02/10/89	Capacity	10,000	Tank Cont. Meth.	SW	Pipe Cont. Meth.	SW
		Variance		Product	RUL	Overfill Type	BFVV Ver 02/10/89	Piping Type	PR
		Compl.	04/14/15	C Status	ABD	Age @ Notif.	0	Dist. to Well	300
		Spill Det.	02/10/89	Left Gal.		Owner @ ABD	NSS INC	Last Use	
		Aband.	05/05/16	Method	RG	CAS No.		Chem.	
		Under Dispenser Cont.	N	Drop Tube	N	Tank Leak Det.	ATG 02/18/07	Pipe Leak Det.	LLD 03/18/15 LTT 03/18/15
Tank No.	4	Const.	02/27/89	Class	P	Tank Const. Mat.	SC	Pipe Const. Mat.	SL
		Operate	01/22/90	T Status	ABD	Tank Protect.	FC CP	Pipe Protect.	IC CP 11/19/14
		Notify	02/10/89	Capacity	10,000	Tank Cont. Meth.	SW	Pipe Cont. Meth.	SW
		Variance		Product	DL	Overfill Type	BFVV Ver 02/10/89	Piping Type	PR
		Compl.	04/14/15	C Status	ABD	Age @ Notif.	0	Dist. to Well	300
		Spill Det.	02/10/89	Left Gal.		Owner @ ABD	NSS INC	Last Use	
		Aband.	05/05/16	Method	RG	CAS No.		Chem.	
		Under Dispenser Cont.	N	Drop Tube	N	Tank Leak Det.	ATG	Pipe Leak Det.	LLD 03/18/15 LTT 03/18/15
Tank No.	5	Const.	02/27/89	Class	P	Tank Const. Mat.	SC	Pipe Const. Mat.	SL
		Operate	01/22/90	T Status	ABD	Tank Protect.	FC CP	Pipe Protect.	IC CP 11/19/14
		Notify	02/10/89	Capacity	4,000	Tank Cont. Meth.	SW	Pipe Cont. Meth.	SW
		Variance		Product	PREM	Overfill Type	BFVV Ver 02/10/89	Piping Type	PR
		Compl.	04/14/15	C Status	ABD	Age @ Notif.	0	Dist. to Well	300
		Spill Det.	02/10/89	Left Gal.		Owner @ ABD	NSS INC	Last Use	
		Aband.	05/05/16	Method	RG	CAS No.		Chem.	
		Under Dispenser Cont.	N	Drop Tube	N	Tank Leak Det.	ATG	Pipe Leak Det.	LLD 03/18/15 LTT 03/18/15

 **Midlands
Environmental
Consultants, Inc.**

March 16, 2018

Mr. Kyle Patterson, Hydrogeologist
Assessment Section
Assessment and Corrective Action Division
Underground Storage Tank Program
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201



Subject: Site-Specific Work Plan
Sav A Ton
Easley, South Carolina
SCDHEC Site ID Number 11650
MECI Project Number 18-6353
Certified Site Rehabilitation Contractor UCC-0009




Dear Mr. Patterson,


Midlands Environmental Consultants Inc. (MECI) is pleased to submit the attached Site-Specific Work Plan for the referenced site.

On March 14, 2018, MECI personnel performed a site visit to the subject sites to evaluate site conditions, locate monitoring wells and identify potential problems for future sampling activities.

If you have any question or comments please feel free to contact us at 803-808-2043.

Sincerely,
Midlands Environmental Consultants, Inc.


to - Kyle V. Pudney
Project Biologist


Jeff L. Coleman
Senior Scientist



Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

To: Mr. Ed Mendenhall (SCDHEC Project Manager)
From: Jeff L. Coleman (Contractor Project Manager)
Contractor: Midlands Environmental Consultants, Inc. UST Contractor Certification Number: 009

Facility Name: Sav A Ton UST Permit #: 11650
Facility Address: 3790 John C Calhoun Memorial Highway, Easley, SC 29460
Responsible Party: NSS Inc. Phone: 864-238-5060
RP Address: 220 Hedgewood Terrace, Greer, SC 29650
Property Owner (if different): Elizabeth Camp
Property Owner Address: 4340 Garmon Road NW, Atlanta, GA 30327
Current Use of Property: Abandoned Lot

Scope of Work (Please check all that apply)

- IGWA, Tier I, Tier II, Monitoring Well Installation, Groundwater Sampling, Other, GAC

Analyses (Please check all that apply)

Groundwater/Surface Water:

- BTEXNMDCA (8260B), Oxygenates (8260B), EDB (8011), PAH (8270D), Lead, 8 RCRA Metals, TPH, pH, BOD, Nitrate, Sulfate, Other, Methane, Ethanol, Dissolved Iron

Drinking Water Supply Wells:

- BTEXNMDCA (524.2), Oxygenates & Ethanol (8260B), Mercury (200.8 245.1 or 245.2), RCRA Metals (200.8), EDB (504.1)

Soil:

- BTEXNM, PAH, Lead, RCRA Metals, Oil & Grease (9071), TPH-DRO (3550B/8015B), TPH-GRO (5030B/8015B), Grain Size, TOC

Air:

- BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

1 Soil, Water Supply Wells, Air, 2 Field Blank, 1 Monitoring Wells, Surface Water, 2 Duplicate, 2 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.
of shallow points proposed: Estimated Footage: feet per point
of deep points proposed: Estimated Footage: feet per point
Field Screening Methodology:

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.
of shallow wells: 1 Estimated Footage: 20 feet per point
of deep wells: Estimated Footage: feet per point
of recovery wells: Estimated Footage: feet per point
Comments, if warranted:

UST Permit #: 11650 Facility Name: Sav A Ton

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 3/16/2018 Field Work Completion: 4/16/2018

Report Submittal: 5/16/2018 # of Copies Provided to Property Owners: 1

Aquifer Characterization

Pump Test: Slug Test: (Check one and provide explanation below for choice)

Investigation Derived Waste Disposal

Soil: 1.0 Tons Purge Water: 50.0 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repared, well pads/bolts/caps to replace, details of AFVR event, etc.

-Monitoring Well MW-1 (IGWA) will be installed in the vicinity of soil boring PL-12.

-Monitoring Well MW-1 (IGWA) will be sampled.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Yes Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

Yes Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: _____

SCLLR Certification Number: _____

None Other variations from ACQAP. Please describe below.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:

North Arrow	Proposed monitoring well locations
Location of property lines	Legend with facility name and address, UST permit number, and bar scale
Location of buildings	Streets or highways (indicate names and numbers)
Previous soil sampling locations	Location of all present and former ASTs and USTs
Previous monitoring well locations	Location of all potential receptors
Proposed soil boring locations	
3. Assessment Component Cost Agreement, SCDHEC Form D-3664



ASSESSMENT COMPONENT INVOICE

SOUTH CAROLINA

Department of Health and Environmental Control
 Underground Storage Tank Management Division
 State Underground Petroleum Environmental Response Bank Account

CONTRACT PO#4600602150

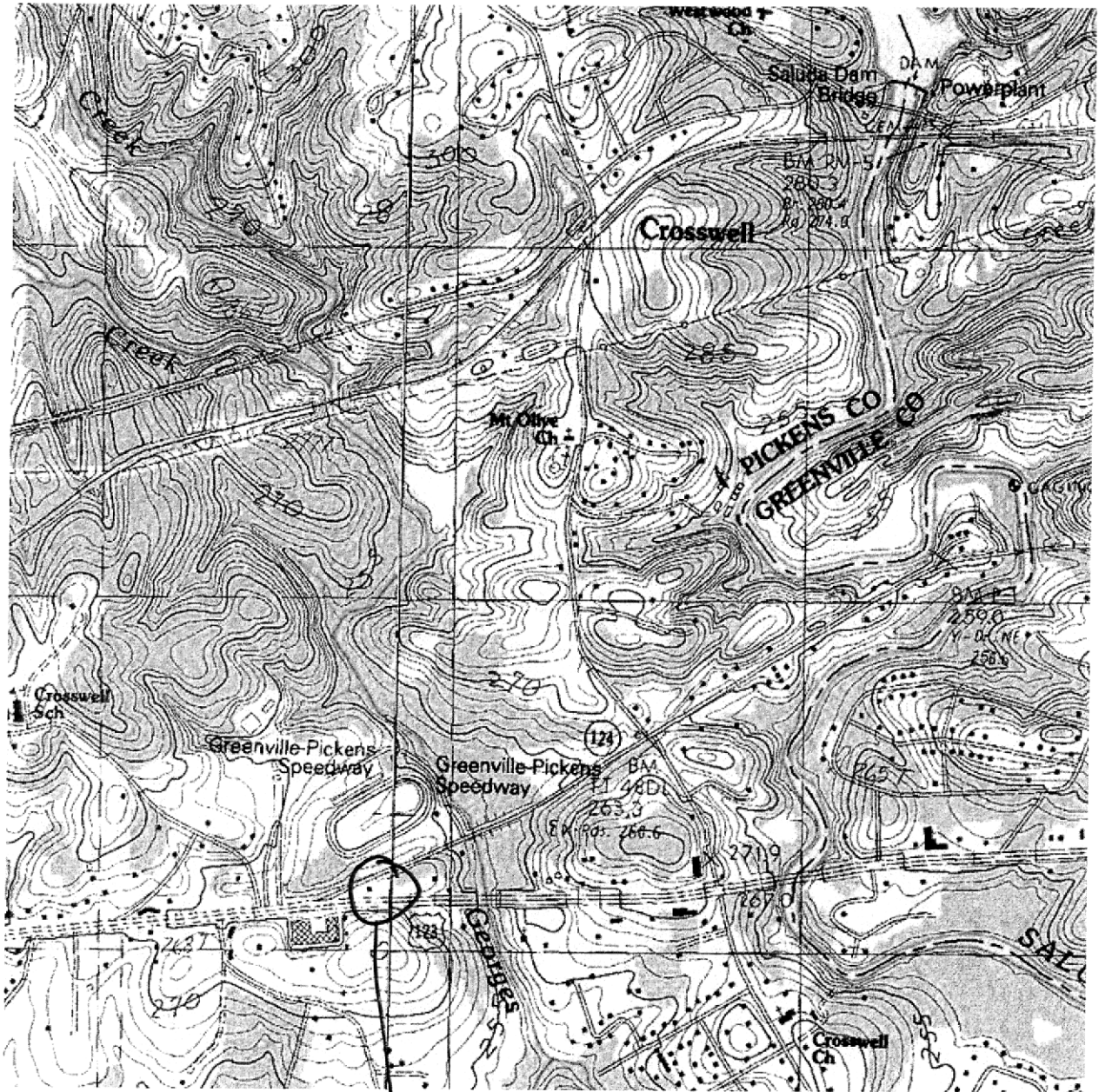
Facility Name: Sav A Ton

UST Permit #: 11650

Cost Agreement #: Cost Proposal

ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1. Plan Preparation				
A1. Site-specific Work Plan		each	\$10.00	\$0.00
B1. Tax Map		each	\$50.00	\$0.00
2. A1. Receptor Survey *		each	\$1.00	\$0.00
3. Survey				
A1. Comprehensive Survey		each	\$1,000.00	\$0.00
4. Mob/Demob				
A1. Equipment		each	\$1,100.00	\$0.00
B1. Personnel		each	\$325.00	\$0.00
5. Soil Borings (Not for screening)				
A1. Soil Borings (hand auger)		per foot	\$1.00	\$0.00
6. Soil Borings (Not for Screening)				
AA. Standard		per foot	\$2.00	\$0.00
9. Well Installation (per foot)				
A1. Water Table (hand augered)		per foot	\$1.00	\$0.00
B1. Water Table (drill rig)		per foot	\$21.00	\$0.00
CC. Telescoping		per foot	\$35.00	\$0.00
DD. Rock Drilling		per foot	\$10.00	\$0.00
HH. Recovery Well (4" diameter)		per foot	\$34.00	\$0.00
K. Re-develop Existing Well		per foot	\$0.50	\$0.00
10. Groundwater Sample Collection / Gauge Depth to Water or Product includes gauge depth to water and product, ph,turbidity, specific conductivity, and dissolved oxygen if sampled is collected				
A1. Groundwater Purge		per well/receptor	\$20.00	\$0.00
E1. Gauge Well only		per well	\$1.00	\$0.00
F1. Sample Below Product		per well	\$1.00	\$0.00
G1. Passive Diffusion Bag		each	\$20.00	\$0.00
I. Groundwater (low flow purge)		per well/receptor	\$35.00	\$0.00
11. Laboratory Analyses-Groundwater				
A2. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)		per sample	\$36.00	\$0.00
AA1. Lead, Filtered		per sample	\$12.00	\$0.00
D1. PAH's		per sample	\$1.00	\$0.00
E1. Lead		per sample	\$12.00	\$0.00
F1. EDB by EPA 8011		per sample	\$21.00	\$0.00
G1. 8 RCRA Metals		per sample	\$1.00	\$0.00
H1. TPH (9070)		per sample	\$1.00	\$0.00
11. Analyses-Drinking Water				
L. BTEXNM+1,2 DCA (524.2)		per sample	\$50.00	\$0.00
M. 7-OXYGENATES & ETHANOL (8260B)		per sample	\$35.00	\$0.00
N. EDB (504.1)		per sample	\$30.00	\$0.00
O. RCRA METALS (200.8)		per sample	\$20.00	\$0.00

11. Analyses-Soil				
Q1. BTEXNM+Oxyg's+1,2 DCA+Eth(8260B)		per sample	\$22.00	\$0.00
R1. PAH's		per sample	\$1.00	\$0.00
S1. 8 RCRA Metals		per sample	\$1.00	\$0.00
U1. TPH-DRO (3550C/8015C)		per sample	\$1.00	\$0.00
W1. Grain size/hydrometer		per sample	\$125.00	\$0.00
X1. Total Organic Carbon		per sample	\$1.00	\$0.00
12. Aquifer Characterization				
B1. Slug Test		per test	\$50.00	\$0.00
16. A1. Subsequent Survey		each	\$400.00	\$0.00
17. Disposal (gallons or tons)*				
AA. Wastewater		gallon	\$1.25	\$0.00
BB. Free Product		gallon	\$0.10	\$0.00
C1. Soil Treatment/Disposal		ton	\$50.00	\$0.00
D1. Drilling fluids		gallon	\$0.10	\$0.00
18. Miscellaneous				
Soil Analysis Lead		each	\$12.00	\$0.00
High Strength Well Pad Replacement		each	\$60.00	\$0.00
Groundwater No-Purge or Duplicate or Field Blank		per well	\$15.00	\$0.00
Replace well vault & MW pad up to 4x4		each	\$320.00	\$0.00
Water Supply Well/ Surface Water		per well	\$5.00	\$0.00
Abandonment (per foot) Not Part of Screening				
Existing monitoring well 4" diam or smaller		per foot	\$2.00	\$0.00
Existing monitoring well larger than 4" dia		per foot	\$1.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
		each	\$0.00	\$0.00
20. Tier I Assessment (Use DHEC 3665 form)		standard	\$4,369.00	\$0.00
21. IGWA (Use DHEC 3666 form)	1	standard	\$980.00	\$980.00
25. Well Repair				
A1. Additional Copies of the Report Delivered		each	\$1.00	\$0.00
B1. Repair 2x2 MW pad		each	\$1.00	\$0.00
C1. Repair 4x4 MW pad		each	\$1.00	\$0.00
F1. Replace well cover bolts		each	\$1.00	\$0.00
G. Replace locking well cap & lock		each	\$1.00	\$0.00
H1. Replace/Repair stick-up & MW pad up to 4x4		each	\$1.00	\$0.00
II. Convert Flush-mount to Stick-up*		each	\$1.00	\$0.00
J1. Convert Stick-up to Flush-mount*		each	\$1.00	\$0.00
K1. Replace missing/illegible well ID plate		each	\$1.00	\$0.00
TOTAL				\$980.00



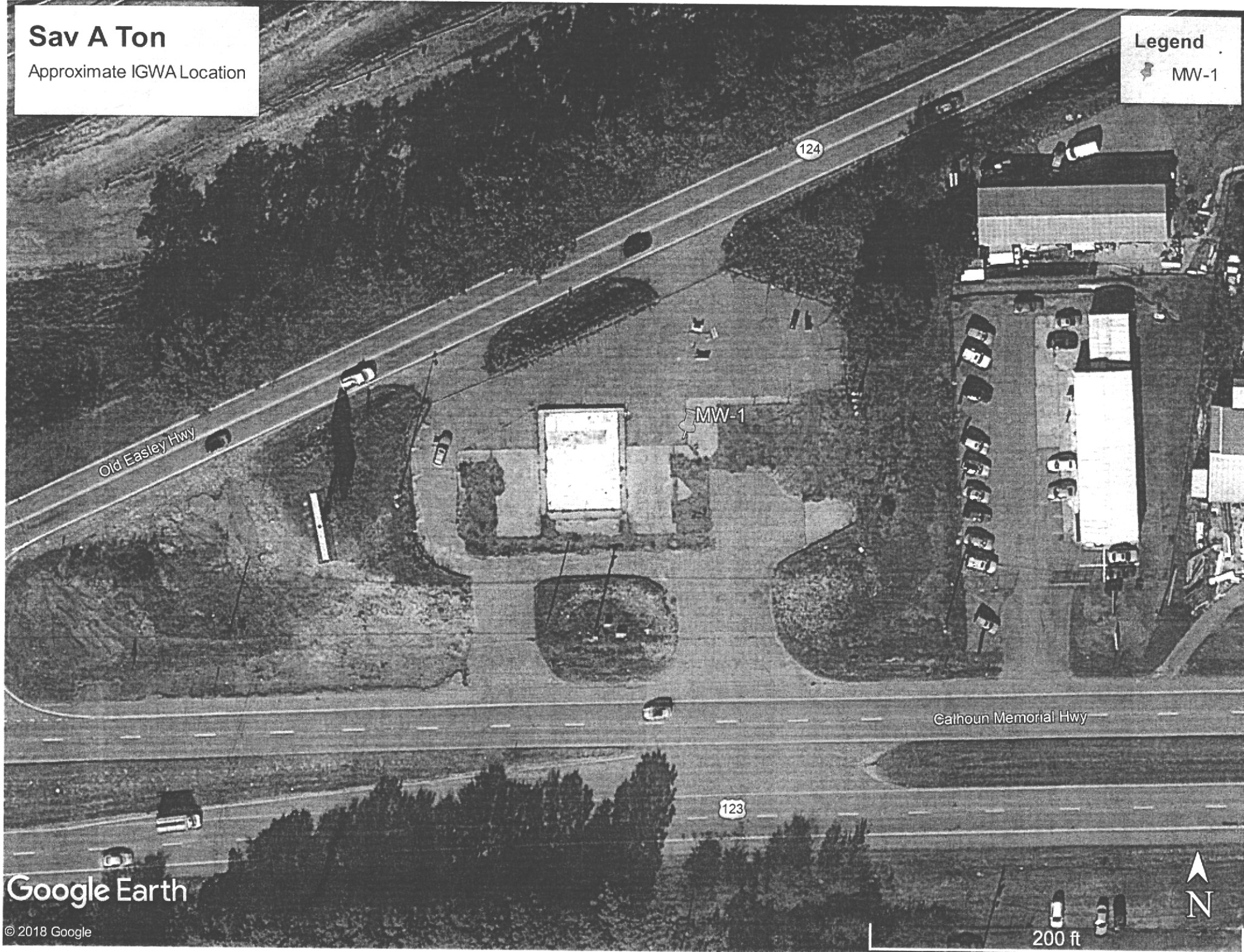
See A Tom - 3790 Calhoun Memorial Hwy, Easley
Is no longer there

Sav A Ton

Approximate IGWA Location

Legend

 MW-1



Google Earth

© 2018 Google



200 ft



GEORGES CREEK IS
690 FEET EAST OF
FORMER TANK PIT

LEGEND:

- GASOLINE DISPENSER SOIL SAMPLE
- DIESEL DISPENSER SOIL SAMPLE
- UST TANK PIT SOIL SAMPLE
- PRODUCT LINE SOIL SAMPLE
- PRODUCT LINES

SOURCE:

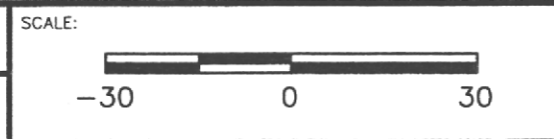
GOOGLE EARTH IMAGERY

DRAWN BY:
NDW

PROJECT NO.:
4226-15-157

CHECKED BY:
JWW

DATE:
JUNE 2016



S&ME, Inc.
GREENVILLE, SC
SPARTANBURG, SC

864.574.2360 Spartanburg
864.232.8987 Greenville
864.576.8730 Fax

www.smeinc.com

UST CLOSURE ASSESSMENT
SAV-A-TON
3790 JOHN C CALHOUN HIGHWAY
EASLEY, SOUTH CAROLINA

FIGURE NO.
1



APR 20 2018

BRYAN SHANE PG
MIDLANDS ENVIRONMENTAL CONSULTANTS
PO BOX 854
LEXINGTON SC 29071-0854

Re: Notice to Proceed for Small Scope Approved Site-Specific Work Plan
Solicitation # 5400014185, PO# 4600602150
Sav A Ton, 3790 Calhoun Memorial Hwy, Easley, SC
UST Permit #11650; CA#56283; MWA # UMW-26966
Site-Specific Work Plan received March 16, 2018
Pickens County

Dear Mr. Shane:

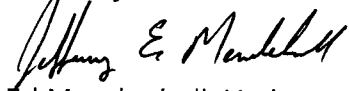
In accordance with the bid solicitation # IFB-5400014185 and the UST Management Division Quality Assurance Program Plan (QAPP) Revision 3.1, the Site-Specific Work Plan has been approved. If quality assurance problems occur, you must contact me within 24 hours by phone or e-mail and the final report must document the event(s), including quality assurance problems, and the action(s) taken.

A report meeting the contract specifications of Section 3.10, 3.11, or 3.12; contractor verification checklist; and invoice are due sixty (60) days from the date of this letter. A monitoring well approval is enclosed. The solicitation requires adherence to all applicable South Carolina certification requirements for laboratory analyses, well installation, and report preparation.

MECI will perform services at the site on behalf of the responsible party (RP); however, payment will be made from the SUPERB Account. Please coordinate access to the facility with the property owner. The DHEC grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. The SUPERB Account will not reimburse for transportation or treatment of soil and/or groundwater with concentrations below Risk Based Screening Levels.

On all correspondence, please reference permit #11650. If you have any site-specific questions, please contact me at (803) 898-7542 or e-mail mendenje@dhec.sc.gov. If you have any contract specific questions, please contact Kyle Patterson at (803) 898-0592 or via e-mail at patterkc@dhec.sc.gov.

Sincerely,



Ed Mendenhall, Hydrogeologist
Assessment & Unregulated Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

enc: Approved Cost Agreement (CA)
Monitoring Well Approval (MWA)

cc: Elizabeth Camp, 4340 Garmon Road NW, Atlanta, GA 30327
Kyle Patterson, Assessment Section, UST Management Division (w/CA copy)
Technical File (w/enc)

Approved Cost Agreement 56283

Facility: 11650 SAV A TON

MENDENJE

PO Number:

<u>Task / Description</u>	<u>Categories</u>	<u>Item Description</u>	<u>Qty / Pct</u>	<u>Unit Price</u>	<u>Amount</u>
21 INITIAL GROUNDWATER ASSESSMENT		IGWA	1.0000	\$980.000	980.00
			Total Amount		980.00



Monitoring Well Approval Form

Approval is hereby granted to: Midlands Environmental Consultants, Inc.
(on behalf of): NSS, Inc.
Facility: Sav A Ton, 3790 Calhoun Memorial Hwy, Easley, SC
UST Permit Number: 11650
County: Colleton

This approval is for the installation of 1 permanent shallow monitoring well. The monitoring well is to be installed in the approved location following the South Carolina Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a South Carolina certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by the DHEC shall be completed and submitted to the DHEC within 30 days after well completion or abandonment unless another schedule has been approved by the DHEC. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to the DHEC within 30 days of receipt of laboratory results unless another schedule has been approved by the DHEC as required by R.61-71.H.1.d.
5. If any of the information provided to the DHEC changes, notification to Ed Mendenhall (tel: (803) 898-7542 or e-mail: mendenje@dhec.sc.gov) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. DHEC approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 South Carolina Code of Laws and R.61-71 of the South Carolina well standards and regulations, dated May 27, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: March 28, 2018

Approval #: UMW-26966

Ed Mendenhall, Hydrogeologist
Assessment & Unregulated Petroleum Section
UST Management Division
Bureau of Land and Waste Management

Document Receipt Information

Hard Copy CD Email

Date Received 7-6-18

Permit Number 11650

Project Manager Ed Mendicino

Name of Contractor M.E.C.I.

UST Certification Number _____

Docket Number 154227

Scanned _____

IGWA

Initial Groundwater Assessment Report

Sav A Ton
3790 Calhoun Memorial Highway
Easley, South Carolina
SCDHEC SITE ID # 11650
CA # 56283

Prepared By:

 Midlands
Environmental
Consultants, Inc.

231 Dooley Road, Lexington, SC 29073
(803) 808-2043 fax: 808-2048

July 2, 2018

MECI Project No. 18-6353



July 2, 2018

Mr. Ed Medenhall, Hydrogeologist
Assessment & Unregulated Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management
South Carolina Department of Health
and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201


Subject: Initial Groundwater Assessment Report
Sav A Ton
3790 Calhoun Memorial Highway
Easley, South Carolina
SCDHEC Site ID # 11650, CA # 56283
MECI Project Number 18-6353
Certified Site Rehabilitation Contractor UCC-0009

Dear Mr. Mendenhall,

Midlands Environmental Consultants, Inc. (MECI) is pleased to submit the attached Initial Ground-Water Assessment (IGWA) Report for the referenced site. This report describes assessment activities conducted at the site, and results of an IGWA evaluation in general accordance with South Carolina Department of Health and Environmental Control (SCDHEC) guidelines. As outlined, please find the attached well construction logs, laboratory data, topographic and site base maps, along with Disposal Manifests.

MECI appreciates the opportunity to offer our professional environmental related services to you on this project. Please feel free to contact us at 808-2043 if you have any immediate questions or comments.

Sincerely,
Midlands Environmental Consultants, Inc.


Kyle V. Pudney
Project Biologist


Jeff L. Coleman
Senior Scientist

INITIAL GROUND-WATER ASSESSMENT REPORT

Facility Name: Sav A Ton
Facility Address: 3790 Calhoun Memorial Highway, Easley, SC
Facility Phone Number: N/A (Vacant Lot)
UST Permit Number: 11650
UST Owner or Operator's Name: NSS, Inc.
Address: 220 Hedgewood Terrace, Greer, SC 29650
Phone Number: (864) 238-5060
Property Owner's Name: Elizabeth Camp c/o NSS, Inc. DBA SAV-A-TON
Tax Map #: Pickens County TMS# 5049-16-94-8282
Address: 2660 Peachtree Road #34F, Atlanta, GA
Phone Number: (404)291-3231
Contractor: Midlands Environmental Consultants Cert. # 9
Address: 231 Dooley Road, Lexington, SC 29073
Phone Number: (803) 808-2043
Well Driller: Tommy Bolyard (EDPS, LLC.) Cert. # B 1846
Address: 17538 Greenhill Road, Charlotte, NC 28278
Phone Number: (704) 607-7529
Laboratory #1: Pace Analytical Cert. # 99006001
Address: 9800 Kinsey Ave., Suite 100, Huntersville, NC 28078
Phone Number: (704) 875-9092
Laboratory #2: Shield Engineering Cert. #
Address: 4301 Taggart Creek Road, Charlotte, NC 28208
Phone Number: 704-394-6913

Project Background:

The subject site (Sav A Ton) is located at 3790 Calhoun Memorial Highway in Easley, Pickens County, South Carolina (See Figure 1). The property is currently a vacant lot. According to SCDHEC files, the site formerly maintained five underground storage tanks (UST's), including; three 10,000 gallon regular unleaded gasoline UST's, one 10,000 gallon diesel UST and 4,000 gallon super/premium gasoline UST.. To date, three separate releases of petroleum product have been reported to the South Carolina Department of Health and Environmental Control (SCDHEC). Release #1 was reported and confirmed in October of 200 and was issued "No Further Action" (NFA) status in February of 2001. Release #2 was reported in December of 2002 and confirmed and issued NFA status in January of 2003. Release# 3 was reported in September of 2016, confirmed in November of 2016 and currently remains active. Release #3 is currently ranked a class 5B due to inconclusive data.

Previous assessment activities associated with Release#3, appears to have included collection of twenty-nine soil samples by S&ME, Inc. in May of 2016. Analytical results from one soil sample (PL-12), collected at the eastern product line intersection indicated petroleum impact.

Receptor and Site Data

Please place a check in the appropriate answer block for each question:

Receptor Survey Questions	No	Yes *
Is there a drinking water supply well (public or private) or surface water supply intake within 1000 feet of the UST?		X
Are irrigation or other non-drinking water wells located within 1000 feet of the UST?	X	
Are there other potential receptors (i.e., utilities, surface waters, wetlands) less than 500 feet from the UST?		X

*If "yes" provide additional information:

WSW: One water supply well was identified approximately 525' feet west-southwest of the site. This water supply well is located at 200 Joshua Street (Pickens TMS# 5049-16-93-7741). Samples were not collected from this WSW due to the distance from site per IGWA protocol.

Surface Waters: George's Creek is located approximately 800' west of the site. No other relevant surface water features were identified

Underground Utilities: Buried water, sewer, gas, and phone/fiber utility lines were identified at the site. These utilities are buried at a depth of 3-5 feet below ground surface.

Were any WSW's within 250 ft radius sampled? _____ Yes X No
(Show on site base map)

Is a public water supply line in the area? X Yes _____ No
(Show on site base map)

Is the current use of the site and surrounding properties commercial, residential, agricultural or industrial?

Site: Commercial Adjacent Properties: Commercial

Soil and Boring/Monitoring Well Data

Primary Soil Type: Clayey SILT (See Appendix D)

Well Installation Method and Date: Augered 5/25/2018 (GW Not Encountered)

Development Method: Monitoring Not Installed (Refusal prior to GW Table)

Soil Sample obtained at 6' & 22' feet.

Methodology:

The soil sample, taken from above the watertable, was collected from continuous split spoon samples, taken during the installation of the monitoring well. Following collection, samples were placed on ice and transported to Pace Analytical, (SCDHEC Certified Laboratory # 99006001) for analysis.

SOIL ANALYTICAL DATA

Depth	Benzene (ug/kg)	Toluene (ug/kg)	Ethylbenzene (ug/kg)	Xylenes (ug/kg)	Naphthalene (ug/kg)	MTBE (ug/kg)	Lead (mg/kg)
6'	<5.4	<5.4	<5.4	<10.9	1.3J	<5.4	3.3
22'	<5.3	<5.3	<5.3	<10.6	<5.3	<5.3	2.3

Depth	Benzo(a)-anthracene (ug/kg)	Benzo(b)-fluoranthene (ug/kg)	Benzo(k)-fluoranthene (ug/kg)	Chrysene (ug/kg)	Dibenz(a,h)-anthracene (ug/kg)	Total PAH (ug/kg)
6'	<448	<448	<448	<448	<448	BDL
22'	<356	<356	<356	<356	<356	BDL

*For waste oil UST releases only:

Chromium* (ug/kg)	Mercury* (ug/kg)	Selenium* (ug/kg)	Silver* (ug/kg)	Arsenic* (ug/kg)	Barium* (ug/kg)	Cadmium* (ug/kg)
NA	NA	NA	NA	NA	NA	NA

Include Laboratory Data and Chain of Custody Form in Appendix B.

Ground-Water Data:

Depth to Ground Water: N/A Depth to FP, if present: NA

Free Product Thickness: NA

Well Purging/Sampling Method: **Monitoring Not Installed**

Date Sampled: N/A

Equilibrated values: Temperature: N/A pH: N/A

 Dissolved Oxygen: N/A Conductivity: N/A

 Turbidity: N/A

Soil/Water Disposal Method: Richland County Landfill

*Include in Appendix G. Costs for work cannot be compensated without Manifests.

GROUND-WATER ANALYTICAL DATA

Benzene (ug/l)	Toluene (ug/l)		Ethylbenzene (ug/l)	Xylenes (ug/l)	Naphthalene (ug/l)	MTBE (ug/l)	EDB (ug/l)
N/A	N/A		N/A	N/A	N/A	N/A	N/A
Benzo(a)- anthracene (ug/l)	Benzo(b)- fluoranthene (ug/l)		Benzo(k)- fluoranthene (ug/l)	Chrysene (ug/l)	Dibenz(a,h)- anthracene (ug/l)	Total PAH (ug/l)	Total Lead (ug/l)
N/A	N/A		N/A	N/A	N/A	N/A	N/A
TAA (ug/l)	TAME (ug/l)	TBF (ug/l)	DIPE (ug/l)	3,3-Dimethyl- 1-butanol (ug/l)	Ethanol (ug/l)	ETBE (ug/l)	TBA (ug/l)
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*For waste oil UST releases only:

Chromium* (ug/l)	Mercury* (ug/l)	Selenium* (ug/l)	Silver* (ug/l)	Arsenic* (ug/l)	Barium* (ug/l)	Cadmium* (ug/l)
NA	NA	NA	NA	NA	NA	NA

Include Laboratory Data and Chain of Custody Form in Appendix B.

Report Completed By (Print Name): Jeff L. Coleman

Signature : 

Contractor Certification #

9

Date: 7/2/2018

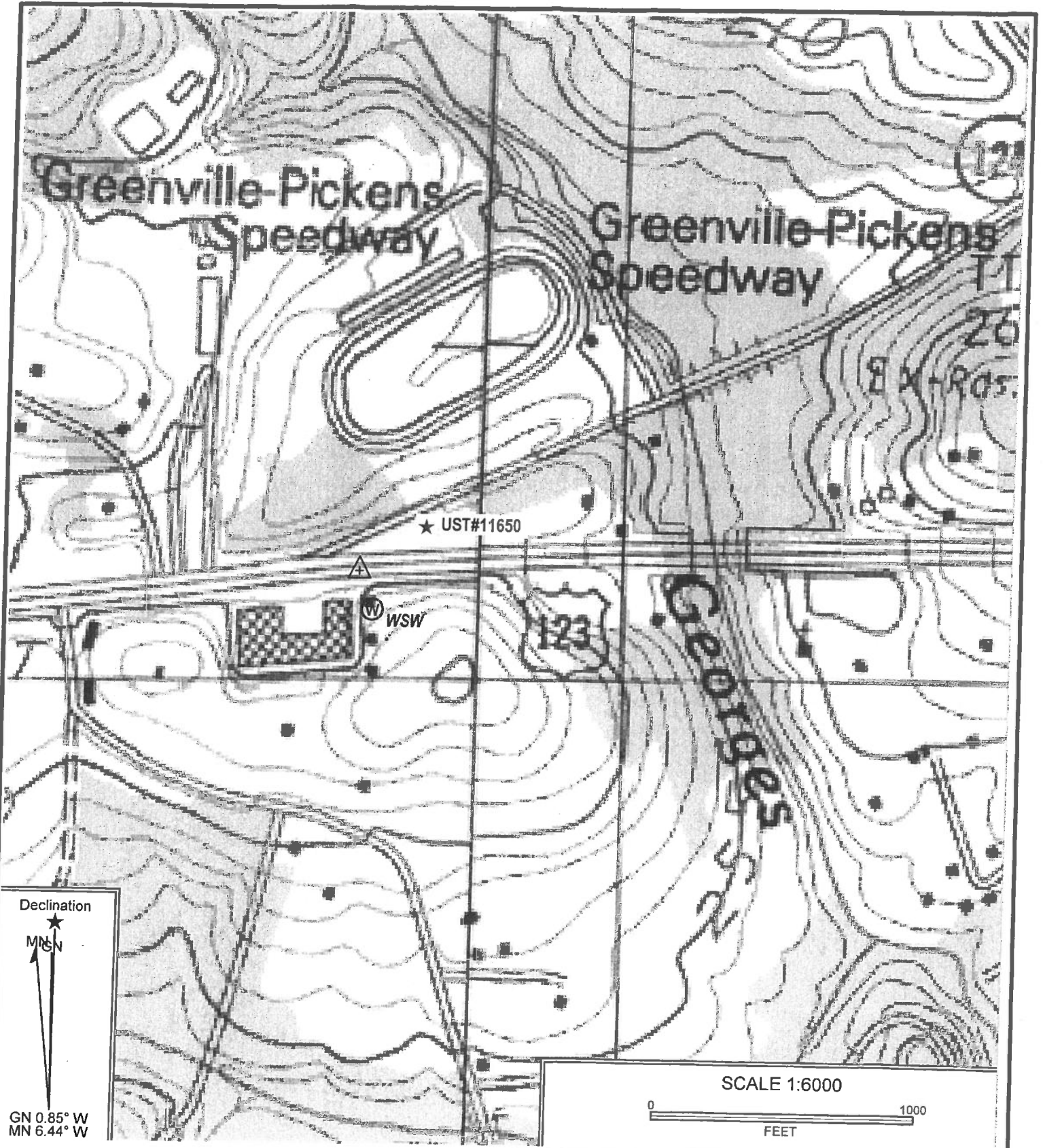
Appendices

The appendices required for this report are as follows:

- **Appendix A.** Site Survey
- Appendix B.** Sampling Logs, Laboratory Data Sheets and Chain of Custody Forms
- **Appendix C.** Tax Map Data
- **Appendix D.** Soil Boring/Field Screening Logs & 1903 Forms
- **Appendix E.** Well Logs & 1903 Forms
- **Appendix F.** Aquifer Evaluation Summary Forms, Data, Graphs, Equations
- Appendix G.** Disposal Manifests
- **Appendix H.** Local Zoning Regulations
- **Appendix I.** Fate & Transport Modeling
- Appendix J.** Access Agreements
- Appendix K.** Data Verification Checklist

Note: Items listed with an ** beside it were not needed as part of this assessment.

FIGURES



Declination
 ★
 MN
 GN
 GN 0.85° W
 MN 6.44° W

SCALE 1:6000
 0 1000
 FEET

Reference: Easley, South Carolina
 USGS 7.5 Min. Quad
 Contour Interval-3 Meters

<p>Midlands Environmental Consultants, Inc.</p>	Site Location
	<p>Sav A Ton 3790 Calhoun Memorial Highway, Easley, SC SCDHEC Site ID# 11650</p>
Figure 1	MECI 18-6353



Greenville Pickens Speedway

Old Easley Highway (Highway 124)

Pickens Co. TMS#
5049-16-94-8282

Asphalt

LP
O

Grass

STB-2
STB-1

Sav A Ton
UST# 11650

Foundation

Concrete

Former
UST's

Concrete/
Grass

QLP

Grass

Asphalt

George's Creek →
800' East

DHP

PP
O

PP
O

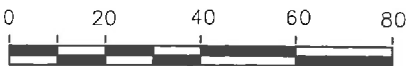
fiber/phone

DHP

200 Joshua St.
525' West-Southwest
WSW

Calhoun Memorial Highway (Highway 123)

GRAPHIC SCALE



1IN = 40FT

Reference:
SCDHEC Files, MECI Field notes & Pickens County
GIS Imagery.

Midlands
Environmental
Consultants, Inc.

Site Base Map

Sav A Ton
3790 Caloun Memorial Highway, Easley, SC
SCDHEC Site ID# 11650

Figure 2

MECI 18-6353

APPENDIX A:
SITE SURVEY
(Not Applicable)

APPENDIX B:
SAMPLING LOGS, LABORATORY DATA SHEETS, & CHAIN-OF-CUSTODY FORMS

June 07, 2018

Mr. Bryan Shane
Midlands Environmental
PO Box 854
Lexington, SC 29071

RE: Project: Sav A Ton 18-6353
Pace Project No.: 92386239

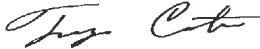
Dear Mr. Shane:

Enclosed are the analytical results for sample(s) received by the laboratory on May 26, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses have been subcontracted outside of the Pace Network. The subcontracted laboratory report has been attached.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Trey Carter
treycarter@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Mr. Jeff Coleman, Midlands Environmental
Mr. Kyle Pudney, Midlands Environmental



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Charlotte Certification IDs

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Asheville Certification IDs

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE SUMMARY

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92386239001	Stb-1 (6')	Solid	05/25/18 10:00	05/26/18 08:42
92386239002	Stb-2 (22')	Solid	05/25/18 10:15	05/26/18 08:42
92386239003	Dup	Solid	05/25/18 10:00	05/26/18 08:42
92386239004	Trip Blank	Water	05/25/18 10:30	05/26/18 08:42
92386239005	STB-2 (22')	Solid	05/25/18 10:15	05/26/18 08:42

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

SAMPLE ANALYTE COUNT

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92386239001	Stb-1 (6')	EPA 6010	DS	1	PASI-A
		EPA 8270	RES	21	PASI-C
		EPA 8260	DLK	11	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92386239002	Stb-2 (22')	EPA 6010	DS	1	PASI-A
		EPA 8270	RES	21	PASI-C
		EPA 8260	DLK	11	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92386239003	Dup	EPA 6010	DS	1	PASI-A
		EPA 8270	RES	21	PASI-C
		EPA 8260	DLK	11	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92386239004	Trip Blank	EPA 8260	CAH	11	PASI-C

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Sample: **Stb-1 (6')** Lab ID: 92386239001 Collected: 05/25/18 10:00 Received: 05/26/18 08:42 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Lead	3.3	mg/kg	0.59	0.29	1	05/31/18 22:15	06/02/18 20:03	7439-92-1	
8270 MSSV PAH Microwave SC									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	ND	ug/kg	448	103	1	05/29/18 19:43	06/04/18 12:05	83-32-9	
Acenaphthylene	ND	ug/kg	448	106	1	05/29/18 19:43	06/04/18 12:05	208-96-8	
Anthracene	ND	ug/kg	448	101	1	05/29/18 19:43	06/04/18 12:05	120-12-7	
Benzo(a)anthracene	ND	ug/kg	448	82.9	1	05/29/18 19:43	06/04/18 12:05	56-55-3	
Benzo(a)pyrene	ND	ug/kg	448	85.6	1	05/29/18 19:43	06/04/18 12:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	448	77.4	1	05/29/18 19:43	06/04/18 12:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	448	114	1	05/29/18 19:43	06/04/18 12:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	448	88.3	1	05/29/18 19:43	06/04/18 12:05	207-08-9	
Chrysene	ND	ug/kg	448	59.8	1	05/29/18 19:43	06/04/18 12:05	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	448	95.1	1	05/29/18 19:43	06/04/18 12:05	53-70-3	
Fluoranthene	ND	ug/kg	448	65.2	1	05/29/18 19:43	06/04/18 12:05	206-44-0	
Fluorene	ND	ug/kg	448	92.4	1	05/29/18 19:43	06/04/18 12:05	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	448	92.4	1	05/29/18 19:43	06/04/18 12:05	193-39-5	
1-Methylnaphthalene	ND	ug/kg	448	117	1	05/29/18 19:43	06/04/18 12:05	90-12-0	
2-Methylnaphthalene	ND	ug/kg	448	96.5	1	05/29/18 19:43	06/04/18 12:05	91-57-6	
Naphthalene	923	ug/kg	448	110	1	05/29/18 19:43	06/04/18 12:05	91-20-3	
Phenanthrene	ND	ug/kg	448	74.7	1	05/29/18 19:43	06/04/18 12:05	85-01-8	
Pyrene	ND	ug/kg	448	76.1	1	05/29/18 19:43	06/04/18 12:05	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	52	%	23-110		1	05/29/18 19:43	06/04/18 12:05	4165-60-0	
2-Fluorobiphenyl (S)	48	%	30-110		1	05/29/18 19:43	06/04/18 12:05	321-60-8	
Terphenyl-d14 (S)	40	%	28-110		1	05/29/18 19:43	06/04/18 12:05	1718-51-0	
8260/5035A SC Volatile Org									
Analytical Method: EPA 8260									
Benzene	ND	ug/kg	5.4	1.7	1		05/30/18 20:54	71-43-2	
Ethylbenzene	ND	ug/kg	5.4	2.0	1		05/30/18 20:54	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1.6	1		05/30/18 20:54	1634-04-4	
Naphthalene	1.3J	ug/kg	5.4	1.3	1		05/30/18 20:54	91-20-3	
Toluene	ND	ug/kg	5.4	2.0	1		05/30/18 20:54	108-88-3	
Xylene (Total)	ND	ug/kg	10.9	3.9	1		05/30/18 20:54	1330-20-7	
m&p-Xylene	ND	ug/kg	10.9	3.9	1		05/30/18 20:54	179601-23-1	
o-Xylene	ND	ug/kg	5.4	2.1	1		05/30/18 20:54	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	70-130		1		05/30/18 20:54	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		05/30/18 20:54	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/30/18 20:54	17060-07-0	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	25.4	%	0.10	0.10	1		05/30/18 10:53		

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ANALYTICAL RESULTS

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Sample: Stb-2 (22') Lab ID: 92386239002 Collected: 05/25/18 10:15 Received: 05/26/18 08:42 Matrix: Solid
Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Lead	2.3	mg/kg	0.40	0.20	1	05/31/18 22:15	06/02/18 20:06	7439-92-1	
8270 MSSV PAH Microwave SC Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	ND	ug/kg	356	82.0	1	05/29/18 19:43	06/04/18 12:34	83-32-9	
Acenaphthylene	ND	ug/kg	356	84.2	1	05/29/18 19:43	06/04/18 12:34	208-96-8	
Anthracene	ND	ug/kg	356	79.9	1	05/29/18 19:43	06/04/18 12:34	120-12-7	
Benzo(a)anthracene	ND	ug/kg	356	65.8	1	05/29/18 19:43	06/04/18 12:34	56-55-3	
Benzo(a)pyrene	ND	ug/kg	356	68.0	1	05/29/18 19:43	06/04/18 12:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	356	61.5	1	05/29/18 19:43	06/04/18 12:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	356	90.6	1	05/29/18 19:43	06/04/18 12:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	356	70.1	1	05/29/18 19:43	06/04/18 12:34	207-08-9	
Chrysene	ND	ug/kg	356	47.5	1	05/29/18 19:43	06/04/18 12:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	356	75.5	1	05/29/18 19:43	06/04/18 12:34	53-70-3	
Fluoranthene	ND	ug/kg	356	51.8	1	05/29/18 19:43	06/04/18 12:34	206-44-0	
Fluorene	ND	ug/kg	356	73.4	1	05/29/18 19:43	06/04/18 12:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	356	73.4	1	05/29/18 19:43	06/04/18 12:34	193-39-5	
1-Methylnaphthalene	ND	ug/kg	356	92.8	1	05/29/18 19:43	06/04/18 12:34	90-12-0	
2-Methylnaphthalene	ND	ug/kg	356	76.6	1	05/29/18 19:43	06/04/18 12:34	91-57-6	
Naphthalene	ND	ug/kg	356	87.4	1	05/29/18 19:43	06/04/18 12:34	91-20-3	
Phenanthrene	ND	ug/kg	356	59.3	1	05/29/18 19:43	06/04/18 12:34	85-01-8	
Pyrene	ND	ug/kg	356	60.4	1	05/29/18 19:43	06/04/18 12:34	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	37	%	23-110		1	05/29/18 19:43	06/04/18 12:34	4165-60-0	
2-Fluorobiphenyl (S)	51	%	30-110		1	05/29/18 19:43	06/04/18 12:34	321-60-8	
Terphenyl-d14 (S)	44	%	28-110		1	05/29/18 19:43	06/04/18 12:34	1718-51-0	
8260/5035A SC Volatile Org Analytical Method: EPA 8260									
Benzene	ND	ug/kg	5.3	1.7	1		05/30/18 21:14	71-43-2	
Ethylbenzene	ND	ug/kg	5.3	1.9	1		05/30/18 21:14	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1.6	1		05/30/18 21:14	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1.3	1		05/30/18 21:14	91-20-3	
Toluene	ND	ug/kg	5.3	1.9	1		05/30/18 21:14	108-88-3	
Xylene (Total)	ND	ug/kg	10.6	3.8	1		05/30/18 21:14	1330-20-7	
m&p-Xylene	ND	ug/kg	10.6	3.8	1		05/30/18 21:14	179601-23-1	
o-Xylene	ND	ug/kg	5.3	2.0	1		05/30/18 21:14	95-47-6	
Surrogates									
Toluene-d8 (S)	105	%	70-130		1		05/30/18 21:14	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		05/30/18 21:14	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130		1		05/30/18 21:14	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87									
Percent Moisture	7.6	%	0.10	0.10	1		05/30/18 10:53		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Sample: Dup Lab ID: 92386239003 Collected: 05/25/18 10:00 Received: 05/26/18 08:42 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3050									
Lead	3.5	mg/kg	0.38	0.19	1	05/31/18 22:15	06/02/18 20:10	7439-92-1	
8270 MSSV PAH Microwave SC									
Analytical Method: EPA 8270 Preparation Method: EPA 3546									
Acenaphthene	ND	ug/kg	442	102	1	05/29/18 19:43	06/04/18 13:04	83-32-9	
Acenaphthylene	ND	ug/kg	442	104	1	05/29/18 19:43	06/04/18 13:04	208-96-8	
Anthracene	ND	ug/kg	442	99.0	1	05/29/18 19:43	06/04/18 13:04	120-12-7	
Benzo(a)anthracene	ND	ug/kg	442	81.6	1	05/29/18 19:43	06/04/18 13:04	56-55-3	
Benzo(a)pyrene	ND	ug/kg	442	84.3	1	05/29/18 19:43	06/04/18 13:04	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	442	76.3	1	05/29/18 19:43	06/04/18 13:04	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	442	112	1	05/29/18 19:43	06/04/18 13:04	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	442	87.0	1	05/29/18 19:43	06/04/18 13:04	207-08-9	
Chrysene	ND	ug/kg	442	58.9	1	05/29/18 19:43	06/04/18 13:04	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	442	93.7	1	05/29/18 19:43	06/04/18 13:04	53-70-3	
Fluoranthene	ND	ug/kg	442	64.2	1	05/29/18 19:43	06/04/18 13:04	206-44-0	
Fluorene	ND	ug/kg	442	91.0	1	05/29/18 19:43	06/04/18 13:04	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	442	91.0	1	05/29/18 19:43	06/04/18 13:04	193-39-5	
1-Methylnaphthalene	ND	ug/kg	442	115	1	05/29/18 19:43	06/04/18 13:04	90-12-0	
2-Methylnaphthalene	ND	ug/kg	442	95.0	1	05/29/18 19:43	06/04/18 13:04	91-57-6	
Naphthalene	545	ug/kg	442	108	1	05/29/18 19:43	06/04/18 13:04	91-20-3	
Phenanthrene	ND	ug/kg	442	73.6	1	05/29/18 19:43	06/04/18 13:04	85-01-8	
Pyrene	ND	ug/kg	442	75.0	1	05/29/18 19:43	06/04/18 13:04	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	63	%	23-110		1	05/29/18 19:43	06/04/18 13:04	4165-60-0	
2-Fluorobiphenyl (S)	56	%	30-110		1	05/29/18 19:43	06/04/18 13:04	321-60-8	
Terphenyl-d14 (S)	34	%	28-110		1	05/29/18 19:43	06/04/18 13:04	1718-51-0	
8260/5035A SC Volatile Org									
Analytical Method: EPA 8260									
Benzene	ND	ug/kg	5.5	1.7	1		05/31/18 12:38	71-43-2	
Ethylbenzene	ND	ug/kg	5.5	2.0	1		05/31/18 12:38	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1.6	1		05/31/18 12:38	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1.3	1		05/31/18 12:38	91-20-3	
Toluene	ND	ug/kg	5.5	2.0	1		05/31/18 12:38	108-88-3	
Xylene (Total)	ND	ug/kg	10.9	3.9	1		05/31/18 12:38	1330-20-7	
m&p-Xylene	ND	ug/kg	10.9	3.9	1		05/31/18 12:38	179601-23-1	
o-Xylene	ND	ug/kg	5.5	2.1	1		05/31/18 12:38	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1		05/31/18 12:38	2037-26-5	2g
4-Bromofluorobenzene (S)	70	%	70-130		1		05/31/18 12:38	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		05/31/18 12:38	17060-07-0	
Percent Moisture									
Analytical Method: ASTM D2974-87									
Percent Moisture	25.5	%	0.10	0.10	1		05/30/18 10:53		

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ANALYTICAL RESULTS

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Sample: Trip Blank		Lab ID: 92386239004		Collected: 05/25/18 10:30		Received: 05/26/18 08:42		Matrix: Water	
Parameters	Results	Units	Report			Prepared	Analyzed	CAS No.	Qual
			Limit	MDL	DF				
8260 MSV									
Analytical Method: EPA 8260									
Benzene	ND	ug/L	5.0	1.7	1		05/31/18 02:05	71-43-2	
Ethylbenzene	ND	ug/L	5.0	1.6	1		05/31/18 02:05	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	5.0	1.7	1		05/31/18 02:05	1634-04-4	
Naphthalene	ND	ug/L	5.0	2.0	1		05/31/18 02:05	91-20-3	
Toluene	ND	ug/L	5.0	1.6	1		05/31/18 02:05	108-88-3	
Xylene (Total)	ND	ug/L	5.0	5.0	1		05/31/18 02:05	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.1	1		05/31/18 02:05	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.6	1		05/31/18 02:05	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		05/31/18 02:05	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		1		05/31/18 02:05	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		05/31/18 02:05	2037-26-5	

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

QC Batch: 413120 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 92386239001, 92386239002, 92386239003

METHOD BLANK: 2291274 Matrix: Solid
Associated Lab Samples: 92386239001, 92386239002, 92386239003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	mg/kg	ND	0.50	0.25	06/03/18 19:22	

LABORATORY CONTROL SAMPLE: 2291275

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	47.4	95	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2291276 2291277

Parameter	Units	2291276		2291277		MS % Rec	MSD % Rec	% Rec Limits	Max			
		92386154001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result				MSD Result	RPD	RPD	Qual
Lead	mg/kg	962	63.3	36.9	797	1040	-261	206	75-125	26	20	M1,R1

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

QC Batch: 412986 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV SC
Associated Lab Samples: 92386239004

METHOD BLANK: 2290622 Matrix: Water
Associated Lab Samples: 92386239004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/L	ND	5.0	1.7	05/31/18 00:54	
Ethylbenzene	ug/L	ND	5.0	1.6	05/31/18 00:54	
m&p-Xylene	ug/L	ND	10.0	3.1	05/31/18 00:54	
Methyl-tert-butyl ether	ug/L	ND	5.0	1.7	05/31/18 00:54	
Naphthalene	ug/L	ND	5.0	2.0	05/31/18 00:54	
o-Xylene	ug/L	ND	5.0	1.6	05/31/18 00:54	
Toluene	ug/L	ND	5.0	1.6	05/31/18 00:54	
Xylene (Total)	ug/L	ND	5.0	5.0	05/31/18 00:54	
1,2-Dichloroethane-d4 (S)	%	96	70-130		05/31/18 00:54	
4-Bromofluorobenzene (S)	%	99	70-130		05/31/18 00:54	
Toluene-d8 (S)	%	105	70-130		05/31/18 00:54	

LABORATORY CONTROL SAMPLE: 2290623

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	50	57.9	116	70-130	
Ethylbenzene	ug/L	50	53.6	107	70-130	
m&p-Xylene	ug/L	100	110	110	70-130	
Methyl-tert-butyl ether	ug/L	50	57.6	115	70-130	
Naphthalene	ug/L	50	56.1	112	70-130	
o-Xylene	ug/L	50	55.4	111	70-130	
Toluene	ug/L	50	51.7	103	70-130	
Xylene (Total)	ug/L	150	165	110	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2291198 2291199

Parameter	Units	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		92386152018 Result	Spike Conc.	Spike Conc.	MS Result						
Benzene	ug/L	551	100	100	670	672	119	121	70-130	0	30
Ethylbenzene	ug/L	ND	100	100	112	115	112	115	70-130	3	30
m&p-Xylene	ug/L	ND	200	200	226	230	113	115	70-130	2	30
Methyl-tert-butyl ether	ug/L	ND	100	100	105	110	105	110	70-130	5	30
Naphthalene	ug/L	99.8	100	100	218	216	118	116	70-130	1	30
o-Xylene	ug/L	ND	100	100	116	116	113	113	70-130	1	30
Toluene	ug/L	ND	100	100	110	110	109	110	70-130	0	30

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Parameter	Units	2291198		2291199		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Max RPD	Qual
		92386152018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
Xylene (Total)	ug/L	ND	300	300	341	346	114	115	70-130	1	30		
1,2-Dichloroethane-d4 (S)	%							97	95	70-130			
4-Bromofluorobenzene (S)	%							99	99	70-130			
Toluene-d8 (S)	%							96	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

QC Batch: 412970 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92386239001, 92386239002

METHOD BLANK: 2290542 Matrix: Solid
Associated Lab Samples: 92386239001, 92386239002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/kg	ND	6.0	1.9	05/30/18 15:47	
Ethylbenzene	ug/kg	ND	6.0	2.1	05/30/18 15:47	
m&p-Xylene	ug/kg	ND	11.9	4.3	05/30/18 15:47	
Methyl-tert-butyl ether	ug/kg	ND	6.0	1.8	05/30/18 15:47	
Naphthalene	ug/kg	ND	6.0	1.4	05/30/18 15:47	
o-Xylene	ug/kg	ND	6.0	2.3	05/30/18 15:47	
Toluene	ug/kg	ND	6.0	2.1	05/30/18 15:47	
Xylene (Total)	ug/kg	ND	11.9	4.3	05/30/18 15:47	
1,2-Dichloroethane-d4 (S)	%	94	70-130		05/30/18 15:47	
4-Bromofluorobenzene (S)	%	102	70-130		05/30/18 15:47	
Toluene-d8 (S)	%	106	70-130		05/30/18 15:47	

LABORATORY CONTROL SAMPLE: 2290543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	59	61.2	104	70-130	
Ethylbenzene	ug/kg	59	59.3	101	70-130	
m&p-Xylene	ug/kg	118	119	101	70-130	
Methyl-tert-butyl ether	ug/kg	59	51.1	87	70-130	
Naphthalene	ug/kg	59	59.2	100	70-130	
o-Xylene	ug/kg	59	60.6	103	70-130	
Toluene	ug/kg	59	56.2	95	70-130	
Xylene (Total)	ug/kg	177	180	102	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			96	70-130	

MATRIX SPIKE SAMPLE: 2291137

Parameter	Units	92386240001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	ND	17.5	18.8	107	70-130	
Ethylbenzene	ug/kg	ND	17.5	18.2	104	70-130	
m&p-Xylene	ug/kg	ND	35	36.0	103	70-130	
Methyl-tert-butyl ether	ug/kg	ND	17.5	14.7	84	70-130	
Naphthalene	ug/kg	0.0043J mg/kg	17.5	18.2	79	70-130	
o-Xylene	ug/kg	ND	17.5	18.4	105	70-130	
Toluene	ug/kg	ND	17.5	17.5	100	70-130	
Xylene (Total)	ug/kg	ND	52.6	54.3	103	70-130	

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

MATRIX SPIKE SAMPLE: 2291137		92386240001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%				94	70-130	
4-Bromofluorobenzene (S)	%				102	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 2291135		92386205001	Dup		Max	
Parameter	Units	Result	Result	RPD	RPD	Qualifiers
Benzene	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	86	83	3		
4-Bromofluorobenzene (S)	%	95	96	2		
Toluene-d8 (S)	%	104	100	3		

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

QC Batch: 413133 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92386239003

METHOD BLANK: 2291304 Matrix: Solid
Associated Lab Samples: 92386239003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/kg	ND	6.1	1.9	05/31/18 11:57	
Ethylbenzene	ug/kg	ND	6.1	2.2	05/31/18 11:57	
m&p-Xylene	ug/kg	ND	12.2	4.4	05/31/18 11:57	
Methyl-tert-butyl ether	ug/kg	ND	6.1	1.8	05/31/18 11:57	
Naphthalene	ug/kg	ND	6.1	1.5	05/31/18 11:57	
o-Xylene	ug/kg	ND	6.1	2.3	05/31/18 11:57	
Toluene	ug/kg	ND	6.1	2.2	05/31/18 11:57	
Xylene (Total)	ug/kg	ND	12.2	4.4	05/31/18 11:57	
1,2-Dichloroethane-d4 (S)	%	97	70-130		05/31/18 11:57	
4-Bromofluorobenzene (S)	%	98	70-130		05/31/18 11:57	
Toluene-d8 (S)	%	106	70-130		05/31/18 11:57	

LABORATORY CONTROL SAMPLE: 2291305

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	57.2	53.2	93	70-130	
Ethylbenzene	ug/kg	57.2	51.9	91	70-130	
m&p-Xylene	ug/kg	114	104	90	70-130	
Methyl-tert-butyl ether	ug/kg	57.2	43.1	75	70-130	
Naphthalene	ug/kg	57.2	50.3	88	70-130	
o-Xylene	ug/kg	57.2	52.5	92	70-130	
Toluene	ug/kg	57.2	49.9	87	70-130	
Xylene (Total)	ug/kg	172	156	91	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 2291794

Parameter	Units	92386217001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	30.7	21.4	337	1430	70-130	E,M1
Ethylbenzene	ug/kg	4.0J	21.4	383	1760	70-130	E,M1
m&p-Xylene	ug/kg	8.2J	42.9	711	1640	70-130	E,M1
Methyl-tert-butyl ether	ug/kg	ND	21.4	42.0	195	70-130	M1
Naphthalene	ug/kg	ND	21.4	88.7	413	70-130	M1
o-Xylene	ug/kg	2.9J	21.4	189	868	70-130	M1
Toluene	ug/kg	41.8	21.4	1050	4690	70-130	E,M1
Xylene (Total)	ug/kg	ND	64.5	900	1400	70-130	ES,MS

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

MATRIX SPIKE SAMPLE: 2291794		92386217001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%				169	70-130	S0
4-Bromofluorobenzene (S)	%				59	70-130	S0
Toluene-d8 (S)	%				62	70-130	S0

SAMPLE DUPLICATE: 2292228

Parameter	Units	92386239003	Dup	RPD	Max	Qualifiers
		Result	Result		RPD	
Benzene	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	8.5J		30	
o-Xylene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	102	123	70		
4-Bromofluorobenzene (S)	%	70	66	48		S1
Toluene-d8 (S)	%	99	88	43		2g

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

QC Batch: 412806 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave PAH SC
Associated Lab Samples: 92386239001, 92386239002, 92386239003

METHOD BLANK: 2289813 Matrix: Solid
Associated Lab Samples: 92386239001, 92386239002, 92386239003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	325	84.6	05/30/18 11:58	
2-Methylnaphthalene	ug/kg	ND	325	69.8	05/30/18 11:58	
Acenaphthene	ug/kg	ND	325	74.8	05/30/18 11:58	
Acenaphthylene	ug/kg	ND	325	76.7	05/30/18 11:58	
Anthracene	ug/kg	ND	325	72.8	05/30/18 11:58	
Benzo(a)anthracene	ug/kg	114J	325	60.0	05/30/18 11:58	
Benzo(a)pyrene	ug/kg	77.9J	325	62.0	05/30/18 11:58	
Benzo(b)fluoranthene	ug/kg	102J	325	56.1	05/30/18 11:58	
Benzo(g,h,i)perylene	ug/kg	ND	325	82.6	05/30/18 11:58	
Benzo(k)fluoranthene	ug/kg	79.3J	325	63.9	05/30/18 11:58	
Chrysene	ug/kg	113J	325	43.3	05/30/18 11:58	
Dibenz(a,h)anthracene	ug/kg	ND	325	68.9	05/30/18 11:58	
Fluoranthene	ug/kg	ND	325	47.2	05/30/18 11:58	
Fluorene	ug/kg	ND	325	66.9	05/30/18 11:58	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	325	66.9	05/30/18 11:58	
Naphthalene	ug/kg	ND	325	79.7	05/30/18 11:58	
Phenanthrene	ug/kg	ND	325	54.1	05/30/18 11:58	
Pyrene	ug/kg	ND	325	55.1	05/30/18 11:58	
2-Fluorobiphenyl (S)	%	68	30-110		05/30/18 11:58	
Nitrobenzene-d5 (S)	%	65	23-110		05/30/18 11:58	
Terphenyl-d14 (S)	%	43	28-110		05/30/18 11:58	

LABORATORY CONTROL SAMPLE & LCSD: 2289814

2289815

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	1660	1370	1190	83	72	70-130	14	30	
2-Methylnaphthalene	ug/kg	1660	1390	1220	84	74	70-130	13	30	
Acenaphthene	ug/kg	1660	1270	1140	77	69	70-130	11	30	1g
Acenaphthylene	ug/kg	1660	1380	1240	83	75	70-130	11	30	
Anthracene	ug/kg	1660	1330	1250	80	76	70-130	6	30	
Benzo(a)anthracene	ug/kg	1660	1360	1330	82	81	70-130	2	30	
Benzo(a)pyrene	ug/kg	1660	1340	1260	81	77	70-130	6	30	
Benzo(b)fluoranthene	ug/kg	1660	1470	1360	89	82	70-130	8	30	
Benzo(g,h,i)perylene	ug/kg	1660	1370	1310	83	80	70-130	5	30	
Benzo(k)fluoranthene	ug/kg	1660	1340	1270	81	77	70-130	5	30	
Chrysene	ug/kg	1660	1350	1300	82	79	70-130	4	30	
Dibenz(a,h)anthracene	ug/kg	1660	1410	1370	85	83	70-130	3	30	
Fluoranthene	ug/kg	1660	1410	1400	85	85	70-130	1	30	
Fluorene	ug/kg	1660	1390	1210	84	74	70-130	13	30	
Indeno(1,2,3-cd)pyrene	ug/kg	1660	1360	1280	82	78	70-130	6	30	

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Parameter	Units	2289814		2289815		% Rec	% Rec	% Rec Limits	RPD	Max RPD	Qualifiers
		Spike Conc.	LCS Result	LCS Result	LCSD Result						
Naphthalene	ug/kg	1660	1260	1140	76	69	70-130	10	30	1g	
Phenanthrene	ug/kg	1660	1300	1260	78	77	70-130	3	30		
Pyrene	ug/kg	1660	1280	1150	77	70	70-130	11	30		
2-Fluorobiphenyl (S)	%				77	67	30-110				
Nitrobenzene-d5 (S)	%				74	67	23-110				
Terphenyl-d14 (S)	%				50	46	28-110				

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QUALITY CONTROL DATA

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

QC Batch: 412759 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92386239001, 92386239002, 92386239003

SAMPLE DUPLICATE: 2289636

Parameter	Units	92386228001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.8	15.6	2	25	

SAMPLE DUPLICATE: 2289722

Parameter	Units	92386323001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.7	17.3	13	25	

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QUALIFIERS

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A Pace Analytical Services - Asheville

PASI-C Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

- 1g Recovery did not meet 70-130% South Carolina required limits. Recovery meets method required in-house generated control limits.
- 2g The internal standard response is below criteria. No hits associated with this internal standard. Results unaffected by high bias.
- E Analyte concentration exceeded the calibration range. The reported result is estimated.
- ES The reported result is estimated because one or more of the constituent results are qualified as such.
- M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
- MS Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
- R1 RPD value was outside control limits.
- S0 Surrogate recovery outside laboratory control limits.
- S1 Surrogate recovery outside laboratory control limits (confirmed by re-analysis).

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sav A Ton 18-6353
Pace Project No.: 92386239

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92386239001	Stb-1 (6')	EPA 3050	413120	EPA 6010	413402
92386239002	Stb-2 (22')	EPA 3050	413120	EPA 6010	413402
92386239003	Dup	EPA 3050	413120	EPA 6010	413402
92386239001	Stb-1 (6')	EPA 3546	412806	EPA 8270	412910
92386239002	Stb-2 (22')	EPA 3546	412806	EPA 8270	412910
92386239003	Dup	EPA 3546	412806	EPA 8270	412910
92386239004	Trip Blank	EPA 8260	412986		
92386239001	Stb-1 (6')	EPA 8260	412970		
92386239002	Stb-2 (22')	EPA 8260	412970		
92386239003	Dup	EPA 8260	413133		
92386239001	Stb-1 (6')	ASTM D2974-87	412759		
92386239002	Stb-2 (22')	ASTM D2974-87	412759		
92386239003	Dup	ASTM D2974-87	412759		

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Laboratory receiving samples:
 Asheville Eden Greenwood Huntersville Raleigh Mechanicsville

Sample Condition Upon Receipt

Client Name: MECI Project #:

WO# : 92386239

Courier: Fed Ex UPS USPS Client
 Commercial Pace Other:

Custody Seal Present? Yes No Seals Intact? Yes No

Date/Initials Person Examining Contents: LBS-26-15

Packing Material: Bubble Wrap Bubble Bags None Other

Biological Tissue Frozen? Yes No N/A

Thermometer: IR Gun ID: 92T040 Type of Ice: Wet Blue None

Cooler Temp (°C): 20 Correction Factor: Add/Subtract (°C) +0.4

Temp should be above freezing to 6°C
 Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 24

USDA Regulated Soil N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? Yes No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No

		Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	8.
Sample Labels Match COC?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Includes Date/Time/ID/Analysis Matrix: <u>SL/W</u>		
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10.
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? Yes No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: TC

Date: 5/29/18

Project Manager SRF Review: TC

Date: 5/29/18

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Project #

WO#: 92386239

PN: RWC

Due Date: 06/05/18

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

CLIENT: 92-MIDLAND

**Bottom half of box is to list number of bottle

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BPTU-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)		
1																													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: NETI Address: 231 Doolley Rd. Lexington, Sc 29073 Phone: 803-203-2013 Fax: 803-508-2008 Requested Due Date/TAT: _____

Section B Required Project Information: Report To: B. Shone Copy To: _____ Purchase Order No: 460922513 Project Name: SWA 701 Project Number: 13-6353

Section C Invoice Information: Attention: _____ Company Name: _____ Address: _____ Permit Quote: _____ Release: _____ Trace Project Manager: T. Carter Price Profile #: _____

REGULATORY AGENCY: NPDES GROUND WATER DRINKING WATER UST RCRA OTHER _____ Site Location STATE: SC Pickens

Requested Analysis Filtered (Y/N) _____

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test	Residual Chlorine (Y/N)	
			COMPOSITE START	COMPOSITE FINISH			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol			Other
1	44b-1 (mud) (6')	SLG				2										
2	51b-2 (mud) (2.2')	SLG				2										
3	51b-2 (mud) (2.2')	SLG				2										
4	51b-2 (mud) (2.2')	SLG				2										
5	51b-2 (mud) (2.2')	SLG				2										
6	51b-2 (mud) (2.2')	SLG				2										
7																
8																
9																
10																
11																
12																

Relinquished By / Affiliation: _____ Date: _____ Time: _____ Accepted By / Affiliation: _____ Date: _____ Time: _____

Sampler Name and Signature: _____ Print Name of Sampler: _____ Signature of Sampler: _____ Date Signed (MM/DD/YY): _____

Temp in °C: _____ Received on Ice (Y/N): _____ Custody Sealed Cooler (Y/N): _____ Samples Intact (Y/N): _____

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.



June 6, 2018

Mr. Trey Carter

Pace Analytical Labs
9800 Kinsey Avenue
Suite 100
Huntersville, North Carolina 28078

Subject: **Laboratory Test Results**
 Pace Workorder Name: Sav A Ton 18-6353
 Pace Workorder: 92386239
 Shield Job Number: 1100026-01
 LRF # 18-076

Dear Mr. Carter:

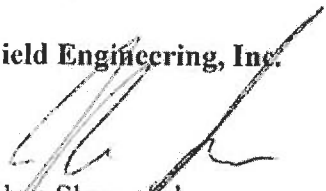
As requested, Shield Engineering Inc., has completed the laboratory testing on the above referenced project. The test results for Grain Size Analysis with Hydrometer are attached to this letter.

The laboratory tests were provided in accordance with the applicable ASTM Standards. The test samples were obtained by a representative of Pace Analytical, and then delivered to Shield's Charlotte, North Carolina laboratory for testing.

If you have any questions concerning our test results, please do not hesitate to call our office at (704) 394-6913.

Sincerely,

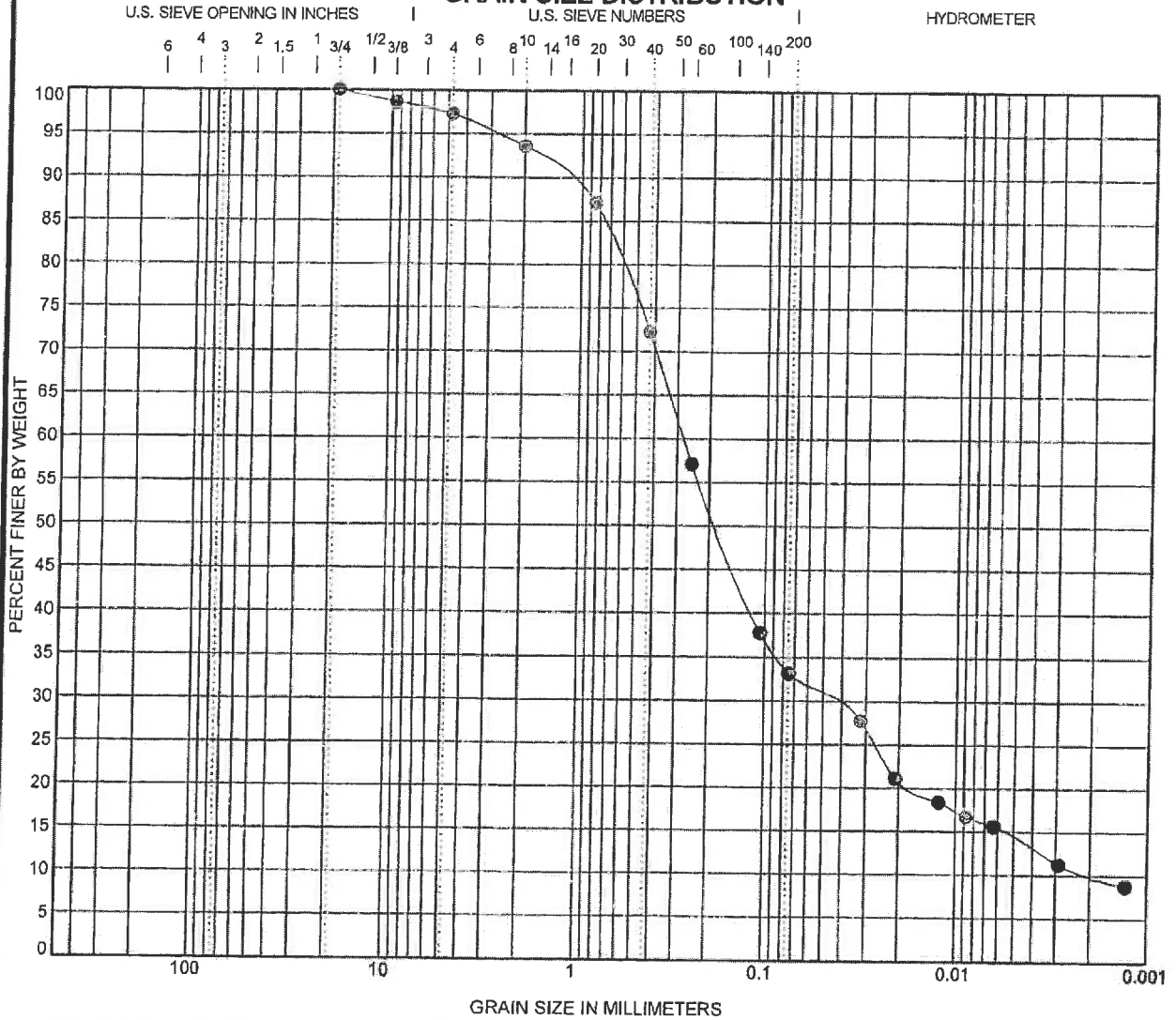
Shield Engineering, Inc.



Joshua Slusarczyk
Laboratory Manager



GRAIN SIZE DISTRIBUTION



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification					LL	PL	PI	Cc	Cu
● STB-2 (22')									3.86	143.14
Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay		
● STB-2 (22')	22.0'	19	0.277	0.046	0.002	2.7	64.1	18.9	14.3	



4301 Taggart Creek Road
 Charlotte, NC 28208
 Telephone: 704-394-6913
 Toll Free: 800-395-5220
 Fax: 704-394-6968

Pace Project No.: 92386239
 Pace Lab ID: 92386239005
 Pace Analytical
 Shield Project No.: 1100026-01

APPENDIX C:

TAX MAP

(Not Applicable)

**APPENDIX D:
SOIL BORING/FIELD SCREENING LOGS & 1903 FORMS**

Depth (Feet)	Description	PID PPM	Well Diagram	Penetration Blows Per Foot														
				0	5	10	20	40	60	80	100							
0	Asphalt																	
0	PIEDMONT RESIDDUM: Black, Clayey SILT																	
5	Red, Slightly Clayey SILT Note: Soil sample collected @ 6' BGS.	0.0																
10		0.0																
15	Brown, Fine to Medium Sandy Micaceous SILT	0.0																
20	Auger Refusal Encountered at 19' Below Ground Surface. Groundwater not encountered on 5/25/2018. Temporary Well Installed. Groundwater not encountered on 5/30/2018. Temporary Well Abandoned.	0.0																
25																		
30																		
35																		

TEST BORING RECORD
 Sav A Ton
 Easley, South Carolina
 SCDHEC Site ID# 11650
 MECI Project Number 18-6353

Boring Number:	11650-STB01
Date Drilled:	5/25/2018
Drilled By:	EDPS, LLC.
Logged By:	B. Garner

Prepared By:

Midlands
Environmental
Consultants, Inc.
 231 Dooley Road
 Lexington, South Carolina 29013
 (803) 808-2043 fax: 808-2048

Depth (Feet)	Description	PID PPM	Well Diagram	Penetration Blows Per Foot																
				0	5	10	20	40	60	80	100									
0	Asphalt																			
0	PIEDMONT RESIDUUM: Black, Slightly Clayey SILT																			
5	Black, Slightly Clayey Micaceous SILT	0.0																		
5	Red, Slightly Clayey SILT																			
10		0.0																		
15	Tan/Brown, Fine to Medium Sandy SILT	0.0																		
20	Tan/Brown, Silty Medium to Coarse SAND w/ Rock Fragments	0.0																		
20	Note: Soil sample collected @ 22' BGS.	0.0																		
25	Auger Refusal Encountered at 22' Below Ground Surface. Groundwater not encountered on 5/25/2018. Temporary Well Installed. Groundwater not encountered on 5/30/2018. Temporary Well Abandoned.	0.0																		
30																				
35																				

NO BLOWCOUNTS RECORDED

TEST BORING RECORD
 Sav A Ton
 Easley, South Carolina
 SCDHEC Site ID# 11650
 MECI Project Number 18-6353

Boring Number:	11650-STB02
Date Drilled:	5/25/2018
Drilled By:	EDPS, LLC.
Logged By:	B. Garner

Prepared By:

 Midlands Environmental Consultants, Inc.
 231 Dooley Road
 Lexington, South Carolina 29073
 (803) 808-2043 fax: 808-2048



Water Well Record
Bureau of Water

2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

1. WELL OWNER INFORMATION:
Name: SCDHEC
Address: 2600 Bull Street
City: Columbia State: SC Zip: 29021-1708

7. PERMIT NUMBER: UMW-26966

8. USE:
Residential, Public Supply, Process, Irrigation, Air Conditioning, Emergency, Test Well, Monitor Well, Replacement

2. LOCATION OF WELL:
COUNTY: Pickens
Name: Sav A Ton
Street Address: 3790 Clahoun Memorial Highway
City: Easley Zip: 29640-0000

9. WELL DEPTH (completed) 19.0 ft.
Date Started: 5/25/2018
Date Completed: 5/30/2018

10. CASING: Threaded, Welded
Diam., Type: PVC, Galvanized, Steel, Other
Height: Above /Below
Surface, Weight, Drive Shoe?

3. PUBLIC SYSTEM NAME: 11650
PUBLIC SYSTEM NUMBER: STB-1

11. SCREEN:
Type, Diam., Slot/Gauge, Length, Set Between, Sieve Analysis

4. ABANDONMENT: Yes
Grouted Depth: from 19.0 ft. to 0.0 ft.

12. STATIC WATER LEVEL N/A ft. below land surface after 24 hours

Table with 3 columns: Formation Description, *Thickness of Stratum, Depth to Bottom of Stratum. Rows include Asphalt, Black, Clayey SILT, Red, Clayey SILT, Brown, Micaceous Sandy SILT.

13. PUMPING LEVEL Below Land Surface.
ft. after hrs. Pumping G.P.M.
Pumping Test: Yes/No
Yield:

14. WATER QUALITY
Chemical Analysis, Bacterial Analysis

15. ARTIFICIAL FILTER (filter pack)
Installed from ft. to ft.
Effective size, Uniformity Coefficient

16. WELL GROUTED?
Neat Cement, Bentonite, Bentonite/Cement, Other
Depth: From ft. to ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION:
Type, Well Disinfected, Amount

18. PUMP: Date installed, Mfr. Name, Model No., H.P., Volts, Length of drop pipe, Capacity, TYPE: Submersible, Jet, Turbine, Jet (deep), Reciprocating, Centrifugal

19. WELL DRILLER: Tommy Bolyard
Address: (Print) 17538 Greenhill Road, Charlotte, NC 28278
Telephone No.: 704-607-7529, Fax No.: 803-548-2233
CERT. NO.: 01846, Level: A B C D (circle one)

*Indicate Water Bearing Zones
(Use a 2nd sheet if needed)

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

5. REMARKS:
STB-1
Temp. Well Abandoned

Signed: [Signature] Date: 7/2/2018
Well Driller
If D Level Driller, provide supervising driller's name:

6. TYPE: Mud Rotary, Jetted, Bored, Dug, Air Rotary, Driven, Cable tool, Other/Auger

APPENDIX E:
WELL COMPLETION LOGS & 1903 FORMS
(Not Applicable)

APPENDIX F:
AQUIFER EVALUATION SUMMARY FORMS, DATA, GRAPHS, EQUATIONS
(Not Applicable)

**APPENDIX G:
DISPOSAL MANIFEST**



Richland County LF
 1047 Highway Church Road
 Elgin, SC, 29045
 Ph: (803) 788-3054

Original
 Ticket# 1605270

Customer Name MIDLANDSENVIRON MIDLANDS ENVI Carrier MIDLANDSENVIRON MIDLANDS ENVIRONMENT
 Ticket Date 06/06/2018 Vehicle# 1 Volume
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0000469
 State Waste Code Gen EPA ID
 Manifest 0
 Destination
 PO
 Profile VA2718 (SOIL FROM UST ASSESSMENT)
 Generator 126-MIDLANDSENVIRONMENTAL MIDLANDS ENVIRONMENTAL

	Time	Scale	ScaleMaster	Gross	
In	06/06/2018 09:01:31	Inbound #2	Dwayne		13140 lb
Out	06/06/2018 09:16:10	Outbound	Dwayne	Tare	8860 lb
				Net	4280 lb
				Tons	2.14

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 SOIL-Cont. Soil -	100	2.14	Tons				32-LEXINGT
2 FUEL-Fuel Surcharg	100		%				32-LEXINGT
3 EVF-P-Standard Env	100		%				32-LEXINGT
4 RCR-P-Regulatory C	100		%				32-LEXINGT


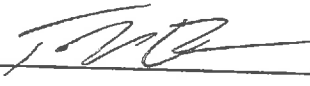

Total Fees
 Total Ticket

SIGNATURE



SPECIAL WASTE MANIFEST

49

WASTE ID NUMBER VA2718	Hickory Hill Landfill 2621 Low Country Drive Ridgeland, SC 29936 Special Waste Phone: 843-548-6004 Fax: 843-987-8594	
Expiration Date December 11, 2017		
Prepared by: Sandra Reeves		
GENERATOR OF WASTE: MIDLANDS ENV. CONSULTANTS, INC. - VARIOUS	ACCOUNT NUMBER: 210-586	
CUSTOMER: MIDLANDS ENV. CONSULTANTS, INC.		
LOCATION OF WASTE:		
CITY: Lexington	COUNTY: Lexington	
PHONE NUMBER: 803-808-2043	CONTACT: LYNN SHANE	
FAX NUMBER: 803-808-2048		
GENERATOR'S SIGNATURE 	DATE: 6-6-18	
TRANSPORTER OF WASTE: MFCI		
DATE: 6-6-18	TRUCK NUMBER: 1	
DRIVER'S SIGNATURE 		
**** TO BE COMPLETED BY RICHLAND LANDFILL ****		
DISPOSAL SITE: HICKORY HILL LANDFILL, RIDGELAND, SC	Waste Class: SOIL	
DESCRIPTION OF WASTE: SOIL FROM UST ASSESSMENT		
TICKET NUMBER: 1405270	TONNAGE: 2.14	
RECEIVED BY: DLW		

Sullivan Motor Company 1/4 00395 = 0.54 tons
SAV A Ton 1/4 11650 = 0.54 tons
Bankair Couriers 1/2 05882 = 1.07 tons

APPENDIX H:
LOCAL ZONING REGULATIONS
(Not Applicable)

APPENDIX I:
FATE AND TRANSPORT MODELING
(Not Applicable)

**APPENDIX J:
ACCESS AGREEMENTS**

PERMISSION FORM
PROPERTY OWNER
UST Permit #11650



If you are the Property Owner or are the authorized representative for that person, please complete this form.

I, Elizabeth W. Camp certify that I am the legal owner of the property identified below or serve as the authorized representative for the property owner. I authorize the South Carolina Department of Health and Environmental Control (DHEC), or a contractor selected by DHEC, to enter this property at reasonable times only to conduct assessment and corrective action activities, as required. The contractor will be designated as the contractor for the UST owner or operator for only the required environmental site rehabilitation activities. Compensation to the contractor will be from the SUPERB Account and I will have no obligation to pay the contractor. I understand that DHEC will notify me of all activities that are necessary prior to their initiation and will promptly provide to me a summary of the data upon request.

Name of Facility SAV-A-TEV Phone # 404-291-3231

Street Address of Facility 3790 JOHN C Calhoun Memorial Hwy

Town, City, District, Suburb Pasley, SC 29460

Name of nearest intersecting street, road, highway, Hwy 124 & Hwy 123

Is this facility within the city limits? (yes or no) NO

Is this facility serviced by a public water or sewer utility? (yes or no) yes, if no, please provide the name of a person we can contact that can assist in the location of private water and septic tank lines Name _____ phone number _____

Were underground storage tanks previously removed from the ground at this facility? (yes or no) yes, if yes, please provide the name of a person we can contact that can assist in the location of the former underground storage tank excavation John Whitehead Phone number 864-574-2500

Is the property currently leased or rented to someone? (yes or no) NO, if yes, please provide their name _____ and phone number _____ and let them know about the pending assessment activities. If vehicles or other mobile structures are parked over the monitoring wells, they should be moved before SCDHEC's contractor arrives at the site.

NAME of property owner (Please Print): Elizabeth W. Camp

Phone Number (home) 404-291-3231 (work) _____

Current Mailing Address 2660 Peachtree Rd #34F Atlanta, Ga. 30325

Signature of Property Owner: Elizabeth W. Camp

Witness Sandra R. Wessinger

Date: 11-2-17 Month _____

Day _____ Year _____

Please return to: Ed Mendenhall, UST Management Division, 2600 Bull Street, Columbia, SC 29201

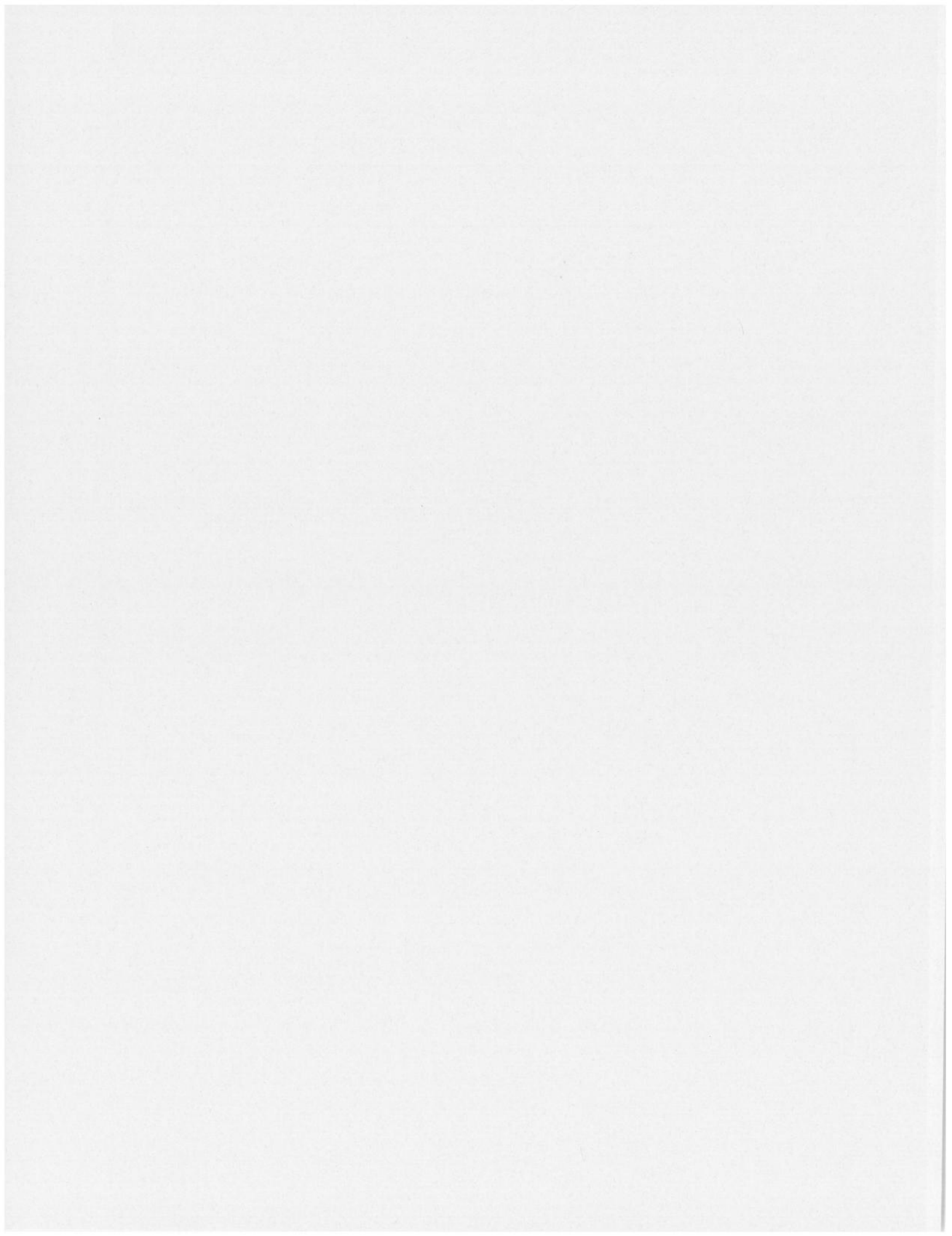
SCANNED

**APPENDIX K:
DATA VERIFICATION CHECKLIST**

Contractor Checklist

Item#	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	X		
2	Is UST Owner/Operator name, address, & phone number provided?	X		
3	Is name, address, & phone number of current property owner provided?	X		
4	Is the DHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	X		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	X		
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	X		
7	Has the facility history been summarized?	X		
8	Has the regional geology and hydrogeology been described?			X
9	Are the receptor survey results provided as required?	X		
10	Has current use of the site and adjacent land been described?	X		
11	Has the site-specific geology and hydrogeology been described?			X
12	Has the primary soil type been described?	X		
13	Have field screening results been described?			X
14	Has a description of the soil sample collection and preservation been detailed?	X		
15	Has the field screening methodology and procedure been detailed?			X
16	Has the monitoring well installation and development dates been provided?			X
17	Has the method of well development been detailed?			X
18	Has justification been provided for the locations of the monitoring wells?	X		
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?			X
20	Has the groundwater sampling methodology been detailed?			X
21	Have the groundwater sampling dates and groundwater measurements been provided?			X
22	Has the purging methodology been detailed?			X
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?			X
24	If free-product is present, has the thickness been provided?			X
25	Does the report include a brief discussion of the assessment done and the results?			X
26	Does the report include a brief discussion of the aquifer evaluation and results?			X
27	Does the report include a brief discussion of the fate & transport models used?			X

Item#	Item	Yes	No	N/A
28	Are the site-conceptual model tables included?			X
29	Have the exposure pathways been analyzed?			X
30	Have the SSTLs for each compound and pathway been calculated?			X
31	Have recommendations for further action been provided and explained?			X
32	Has the soil analytical data for the site been provided in tabular format?	X		
33	Has the potentiometric data for the site been provided in tabular format?			X
34	Has the current and historical laboratory data been provided in tabular format?	X		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?			X
36	Have the Site conceptual model tables been included?			X
37	Has the topographic map been provided with all required elements? (Figure 1)	X		
38	Has the site base map been provided with all required elements? (Figure 2)	X		
39	Have the CoC site maps been provided?			X
40	Has the site potentiometric map been provided?			X
41	Have the geologic cross-sections been provided?			X
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			X
43	Has the site survey been provided and include all necessary elements?			X
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements?	X		
45	Is the laboratory performing the analyses properly certified?	X		
46	Has the tax map been included with all necessary elements?			X
47	Have the soil boring/field screening logs been provided?	X		
48	Have the well completion logs and SCDHEC Form 1903 been provided?			X
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided?			X
50	Have the disposal manifests been provided?	X		
51	Has a copy of the local zoning regulations been provided?			X
52	Has all fate and transport modeling been provided?			X
53	Have copies of all access agreements obtained by the contractor been provided?	X		
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	X		





MR VINOD DHAND
NSS INC
220 HEDGEWOOD TERRACE
GREER SC 29650

AUG 24 2018

Re: **No Further Action**
Sav A Ton, 3790 Calhoun Memorial Hwy, Easley, SC
UST Permit #11650
Release #3 Reported September 16, 2016
Initial Groundwater Assessment Report received July 6, 2018
Pickens County

Dear Mr. Dhand:

The Underground Storage Tank (UST) Management Division of the South Carolina Department of Health and Environmental Control (DHEC) has reviewed the referenced report.

As concentrations of benzene, toluene, ethylbenzene, xylenes, naphthalene, MTBE, 1,2-DCA, oxygenates, EDB, and lead are below established Risk-Based Screening Levels (RBSLs); the reported release does not present a significant threat to human health or the environment. Therefore, no further action will be required at this time. However, if any contamination becomes evident which could be attributed to this UST system, this office may, under authority established in the South Carolina UST Control Regulations R.61-92 Part 280.52/280.73, require site rehabilitation activities. **The decision for requiring no further action pertains only to the release from the permitted UST system reported in September 2016 and is based solely on the information provided in the referenced report.**

On all correspondence related to this facility, please reference UST Permit #11650. If you have any questions, or need additional information, please contact me at (803) 898-7542, e-mail me at mendenje@dhec.sc.gov, or fax me at (803) 898-0673.

Sincerely,

Ed Mendenhall, Hydrogeologist
Assessment & Unregulated Petroleum Section
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Ms. Elizabeth Camp, 2660 Peachtree Road #34F, Atlanta, GA 30305
Mr. John Whitehead, P.G., S&ME, Inc., 301 Zima Park Road, Spartanburg, SC 29301
Technical Files



FEB 22 2021

CSC PROPERTIES
ATTN: MORGAN GOLDSTEIN
5795 ULMERTON ROAD
CLEARWATER, FL 33760



Re: Site History Summary

SAV A TON, 3790 John C Calhoun Memorial Blvd., Easley, SC
Pickens County
UST Permit #11650
Request for Site History Summary received February 17, 2021

Dear Ms. Goldstein:

In response to your request for information about environmental conditions associated with the referenced facility, the following is provided.

Release 1

On October 20, 2000, a petroleum release was reported at the facility assigned the underground storage tank (UST) permit number referenced above. The UST Management Division (Division) issued a No Further Action of this release on February 27, 2001 indicating that chemicals of concern were below risk based screening levels and no further work is anticipated under this release.

Release 2

On December 3, 2002, a petroleum release was reported at the facility assigned the UST permit number referenced above. The Division issued a No Further Action of this release on January 21, 2003 indicating that chemicals of concern were below risk based screening levels and no further work is anticipated under this release.

Release 3

On September 16, 2016, a petroleum release was reported at the facility assigned the UST permit number referenced above. The Division issued a No Further Action of this release on August 20, 2018 indicating that chemicals of concern were below risk based screening levels and no further work is anticipated under this release.

According to Division records, five (5) USTs were registered with the S.C. Department of Health and Environmental Control (DHEC). UST's 1 through 5 are registered to NSS Inc. and removed May 5, 2016.

The SUPERB Act does not preclude or restrict the use or redevelopment of property on which a petroleum release has occurred. However, DHEC advises against installing a water supply well for drinking, cooking, or bathing purposes until rehabilitation activities are completed to achieve no further action status or as otherwise approved by DHEC.

To obtain a better understanding of the statutory and regulatory framework regarding releases and/or UST systems, please use the following links:

South Carolina UST Control Regulations R.61-92

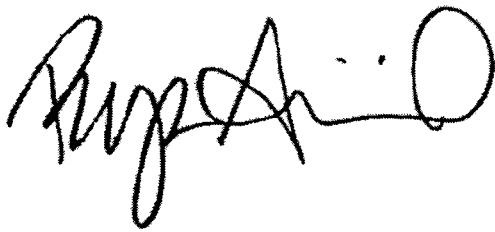
https://scdhec.gov/sites/default/files/media/document/R.61-92_0.pdf

State Underground Petroleum Environmental Response Bank Act

<https://www.scstatehouse.gov/code/t44c002.php>

If you have any questions, please contact me at (803) 898-9418. I can also be reached by email at ariaird@dhec.sc.gov or by fax at 803-898-0673.

Sincerely,

A handwritten signature in black ink, appearing to read "Ryan D. Ariail". The signature is stylized and cursive, with a large loop at the end.

Ryan D. Ariail, Customer Service Liaison
Underground Storage Tank Management Division
Bureau of Land and Waste Management

cc: Technical File