



# ECS SOUTHEAST, LLC

Geotechnical • Construction Materials • Environmental • Facilities

NC Engineering License No. F-1519

February 28, 2025

Matthew J. Alexander, P.E.  
Assistant State Geotechnical Engineer  
Geotechnical Engineering Unit  
1589 Mail Service Center  
Raleigh, NC. 27699-1589

**Reference: UST Closure Report**

ECS Project: 49-24760  
TIP No.: U-3609B  
WSB No.: 39026.1.2  
County: Wayne  
Description: US 13 (Berkeley Blvd) from SR 1003 (New Hope Rd) to US 70 Bypass. With intersection improvements at SR 1572 (Saulston Rd)

Site:

| Parcel #<br>Plan Sheet | Owner                  | Site Address                             |
|------------------------|------------------------|--|
| 092<br>PSH 9&10        | Pamela Kay Peele Smith | 2394 N. US Hwy 13<br>Goldsboro, NC 27534 |

Dear Mr. Alexander:

As authorized by your acceptance of ECS Proposal No. 49-48184P (dated December 10, 2024) with A Notice to Proceed (dated December 17, 2024) under Limited Services Contract Number 7000022001, P.O. Number 6300079289; ECS Southeast, LLC (ECS) has prepared a UST Closure Report for the two (2) 6,000-gallon "orphan" underground storage tanks previously identified at the above-referenced site. This report includes a description of the work performed, the results obtained, and our conclusions and recommendations.

ECS appreciates the opportunity to provide our environmental consulting services to you on this project. If you have any questions concerning this report or this project, please contact us.

Sincerely,

**ECS SOUTHEAST, LLC**

Samantha M. Szakasits, P.G.  
Staff Project Manager  
[sszakasits@ecslimited.com](mailto:sszakasits@ecslimited.com)  
919-616-2679

Ben Ashba, P.G.  
Associate Principal  
[bashba@ecslimited.com](mailto:bashba@ecslimited.com)  
910-602-8902

Scott M. Werley, P.G.  
Environmental Principal  
[swerley@ecslimited.com](mailto:swerley@ecslimited.com)  
984-297-7285

6714 NETHERLANDS DRIVE, WILMINGTON, NC 28405 • T: 910-686-9114 • F: 910-686-9666

ECS Florida, LLC • ECS Mid-Atlantic, LLC • ECS Midwest, LLC • ECS Pacific, Inc. • ECS Southeast, LLC • ECS Southwest, LLP  
ECS New York Engineering, PLLC - An Associate of ECS Group of Companies • [www.ecslimited.com](http://www.ecslimited.com)

"ONE FIRM. ONE MISSION."



## UST CLOSURE REPORT

**Parcel 092 – Pamela Key Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina**

**TIP Number: U-3609B  
WBS Number: 39026.1.2  
County: Wayne**

**Description: US 13 (Berkeley Blvd) from SR 1003 (New Hope Rd) to US 70  
Bypass. With intersection improvements at SR 1572 (Saulston Rd)**

**Prepared for:**

**NCDOT Geotechnical Engineering Unit  
GeoEnvironmental Section  
1589 Mail Service Center  
Raleigh, North Carolina 27699-1589**

**February 28, 2025**

**Prepared by:**

**ECS Southeast, LLC  
6714 Netherlands Drive  
Wilmington, North Carolina 28405  
(910) 686-9114**

**ECS Project No. 49-24760**

**Corporate Geology License No. C-553  
Corporate Licensure No. For Engineering Services F-1519**

## EXECUTIVE SUMMARY

The North Carolina Department of Transportation (NCDOT) required the removal of underground storage tanks (USTs) to facilitate roadway construction improvements (including drainage) along US 13 in Goldsboro, North Carolina. ECS Southeast, LLC (ECS) was contracted to perform UST closure activities within the right of way (ROW) at 2394 N. US Hwy 13 (Site), formerly owned by Pamela Kay Peele Smith. Previous investigations by CATLIN Engineers and Scientists (CATLIN) identified two probable USTs within the proposed ROW and easement. Historical soil sampling results did not indicate petroleum hydrocarbon contamination, though semi-volatile or volatile organic compounds were detected in one groundwater sample.

ECS contracted with Evo Corporation, Inc. (Evo) and performed UST removal activities on January 13<sup>th</sup> through 14<sup>th</sup>, 2025. Prior to excavation activities, ECS coordinated underground utility clearance, developed a site-specific Health and Safety Plan, and submitted A Notice of Intent for Permanent Closure or Change-In Service (UST-3) form to the North Carolina Department of Environmental Quality (NCDEQ) UST Section on December 20, 2024. Evo contacted the local authorities, and a UST removal permit was obtained from the Wayne County Fire Marshal. Excavation revealed two 6,000-gallon USTs, nearly full of petroleum-contact water. A total of 11,525-gallons was removed via vacuum truck/tankers and transported by Evo to their disposal facility located in Winston-Salem, North Carolina. The USTs, upon inspection, exhibited no severe structural degradation, including pitting or perforations, and were subsequently transported to Foss Recycling in Winston-Salem, NC, for proper disposal.

After UST removal, ECS collected a total of 10 soil samples from the excavation sidewalls at approximately five feet below ground surface (ft. bgs) (approximately one foot above the observed groundwater table). Groundwater was observed at approximately 6 ft. bgs, but no petroleum sheens or phase-separated hydrocarbons were noted. Samples were field-screened with a photo-ionization detector and no elevated volatile organic vapor concentrations were recorded. Excavation sidewall soil samples were subsequently submitted to Rapid Environmental Diagnostics Laboratory, LLC located in Wilmington, North Carolina to be analyzed for total petroleum hydrocarbon gasoline and diesel range organics using ultraviolet fluorescence methodology. Soil sample analytical results did not exceed the NCDEQ Action Levels.

Following sample collection activities on January 14, 2025, 2 loads (approximately 35 tons) of 57 stone were placed in the bottom the excavation to bridge the observed groundwater. Once the groundwater was bridged, the excavation was backfilled with the stockpiled overburden, three (3) loads of "clean" tan coarse-grained sand imported from an off-site facility (emplaced in approximately 12-inch lifts and bucket tamped) and capped with approximately six (6) inches of ABC stone. The backfilling and Site restoration activities were completed by Evo on January 15, 2025.

Based on the recent UST closure soil sample results, CATLIN's historical soil and groundwater sample results, and the current NCDEQ regulations, it is ECS' opinion that the Site appears eligible for a Notice of No Further Action.

## TABLE OF CONTENTS

|     |   |   |
|-----|---|---|
| 1.0 | SITE INFORMATION.....                         | 1 |
| 2.0 | SITE HISTORY AND CHARACTERIZATION.....        | 2 |
| 2.1 | Introduction .....                            | 2 |
| 2.2 | Purpose of Investigation and Description..... | 2 |
| 2.3 | Site History .....                            | 2 |
| 2.4 | Site Geology and Hydrogeology .....           | 2 |
| 3.0 | UST CLOSURE ACTIVITIES.....                   | 3 |
| 3.1 | UST Removal Activities.....                   | 3 |
| 3.2 | UST Closure Sample Collection .....           | 4 |
| 3.3 | Backfilling and Site Restoration.....         | 4 |
| 4.0 | RESULTS.....                                  | 5 |
| 5.0 | CONCLUSIONS AND RECOMMENDATIONS.....          | 5 |
| 6.0 | QUALIFICATIONS OF REPORT .....                | 5 |

## LIST OF FIGURES

Figure 1: Site Vicinity Map  
 Figure 2: Conventional Plan Sheet Symbols  
 Figure 3: Site Plan  
 Figure 4: UST Closure Sample Location Map

## LIST OF TABLES

Table 1 (B-2): Site History – UST Owner and Operator Information  
 Table 2 (B-1): Site History – UST System and Other Release Information  
 Table 3: UST Closure Soil Analytical Results Summary

## LIST OF APPENDICES

Appendix A: UST-3 and UST-2B Forms  
 Appendix B: Health and Safety Plan  
 Appendix C: Liquids and UST Disposal Documentation  
 Appendix D: Site Photographs  
 Appendix E: Laboratory Analytical Report with Chain of Custody Documentation

UST Closure Report  
Pamela Kay Peele Smith (Parcel 092)

TIP: U-3609B  
WBS: 39026.1.2

## 1.0 SITE INFORMATION

### Site Identification

Date of Report: February 28, 2025 Site Risk: Unknown  
 Facility I.D.: N/A UST Incident Number: 38814  
 Site Name: Parcel 092 – Pamela Kay Peele Smith  
 Site Street Address: 2394 N. US Hwy 13 (Berkeley Boulevard)  
 City/Town: Goldsboro Zip Code: 27534 County: Wayne  
 Description of Geographical Data Point: Center of Former UST Basin  
 Location Method: Google Earth 2020 Imagery  
 Latitude (decimal degrees): 34.722130 Longitude (decimal degrees): -76.664154

### Contacts Information

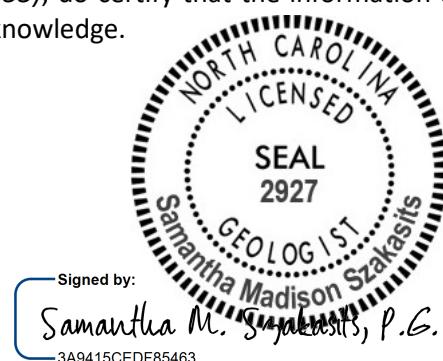
UST Owner/Operator: Orphan – Pamela Kay Peele Smith  
 Address: 2394 N. US Highway 13 (Berkeley Boulevard) Tel: Unknown  
 Property Owner: North Carolina Department of Transportation (NCDOT)  
 Address: 1589 Mail Service Center, Raleigh, North Carolina 27699 Tel: 877-368-4968  
 Consultant: ECS Southeast, LLC  
 Address: 6714 Netherlands Drive, Wilmington, North Carolina 28405 Tel: 910-686-9114  
 Closure Contractor: Evo Corporation  
 Address: 1703 Vargrave Street, Winston-Salem, North Carolina 27107 Tel: 877-725-5844  
 Analytical Laboratory: Rapid Environmental Diagnostics, LLC (RED Lab) State Certification No. N/A  
 Address: 105 Portwatch Way, Wilmington, North Carolina 28412 Tel: 844-384-7815

### Information about the Release

There are no prior releases on record. Indications of a release were not discovered during underground storage tank removal activities.

### Report Certification

I, Samantha M. Szakasits, a Licensed Geologist for ECS Southeast, LLC, (NC Registered Geologist Firm C-553), do certify that the information contained in this report is correct and accurate to the best of my knowledge.



Samantha M. Szakasits, P.G.  
NC License No. 2927

## 2.0 SITE HISTORY AND CHARACTERIZATION

### 2.1 Introduction

To facilitate construction within the right of way (ROW) and/or easement for the US 13 improvements (including drainage) in Goldsboro, North Carolina. The North Carolina Department of Transportation (NCDOT) indicated UST closure by removal was necessary to facilitate roadway construction.

### 2.2 Purpose of Investigation and Description

In response to a request for proposal by Mr. Matthew Alexander, P.E. dated December 4, 2024 and subsequent work scope discussions with Mr. Craig Haden, ECS Southeast, LLC (ECS) submitted a proposal for conducting UST removal activities along the NCDOT Project “Goldsboro – US 13 (Berkeley Blvd.) from SR 1003 (New Hope Rd.) to SR 1572 (Saulston Rd.)” in Goldsboro, North Carolina at 2394 N. US Hwy 13 – former Pamela Kay Peele Smith property (Site). A Notice to Proceed for the proposed investigation under Limited Services Contract Number 7000022001, P.O. Number 6300079289 was received by ECS on December 17, 2024. **Figure 1** illustrates the general Site location. The NCDOT Conventional Plan Sheet Symbols are provided on **Figure 2** and the Site is illustrated on **Figure 3**.

### 2.3 Site History

According to the CATLIN Engineers and Scientist's (CATLIN) *Geoenvironmental Phase II Investigation Report* dated January 27, 2020 (NCDEQ Laserfiche file WA-27684\_38814\_CA\_RPTS\_20200127), the Pamela Kay Peele Smith property formerly operated as a retail restaurant with an open dirt and gravel parking lot. CATLIN conducted field activities in December 2019. Activities included a geophysical survey and advancing 11 borings for soil and groundwater sample collection (11 soil, 1 groundwater).

CATLIN's geoenvironmental investigation identified two (2) probable USTs at the Site within the proposed ROW/easement. Soil samples (11) did not reveal total petroleum hydrocarbon (TPH) diesel range organic (DRO) or gasoline range organics (GRO) in the 11 soil samples. The groundwater sample did reveal semi-volatile organic or volatile organic concentrations. CATLIN concluded the proposed construction at the Site was not suspected to encounter contaminated soil or groundwater.

The property was formerly owned by Pamela Kay Peele Smith. The former operator of the two USTs and when they were last in operation is currently unknown. Available information regarding UST owner/operator is presented on **Table 1 (B-2)**.

The previous contents and installation dates of the two (2) 6,000-gallon USTs are unknown. No previous releases associated with the historic operations of this Site or its two (2) 6,000-gallon USTs are on record. Available UST system information is presented in **Table 2 (B-1)** and the approximate former UST locations are illustrated on **Figure 3**.

### 2.4 Site Geology and Hydrogeology

As determined from the USGS Topographic Map, Goldsboro, North Carolina Quadrangle (**Figure 1**), the Site is at an approximate elevation of 36 feet above mean sea level.

Site geology has been characterized through observations of the sidewalls and bottoms of the excavated UST basin. Observations indicated that Site soils just beneath gravel at the surface uniformly consisted of approximately 11 feet of brownish tan silty sand. Bedrock was not encountered or observed in UST removal excavated areas.

Shallow groundwater was observed at approximately six (6) feet below ground surface (ft. bgs) in the former UST basin during removal activities. Phase separated hydrocarbons, petroleum sheens, or petroleum odors were not observed to be present on the groundwater surface within the UST basin.

### 3.0 UST CLOSURE ACTIVITIES

Evo Corporation, Inc. (Evo) was subcontracted by ECS to provide equipment and personnel for UST removal activities. ECS submitted A Notice of Intent for Permanent Closure or Change-In Service (UST-3) form for the two (2) 6,000-gallon capacity USTs to the North Carolina Department of Environmental Quality (NCDEQ) UST Section on December 20, 2024. A copy of the UST-3 form is provided in **Appendix A**.

Before field activities, ECS contacted 811 to locate/mark public underground utilities at the Site. Required separation distances between subsurface activities and marked utilities (typically 30-inches) were maintained during the field activities. Evo contacted the local authorities, and a UST removal permit was obtained from the Wayne County Fire Marshal.

Additionally, ECS prepared a site-specific health and safety plan (HASP). The HASP documented the known or suspected hazards, applicable personal protective equipment for site personnel, and emergency response procedures. ECS, its subcontractors, and applicable site personnel reviewed the site-specific HASP. A copy of the HASP is included as **Appendix B**.

#### 3.1 UST Removal Activities

On January 13, 2025, ECS and Evo mobilized to the Site. The Site and approximate UST locations are illustrated on **Figure 3**. ECS observed, documented, and collected soil samples during the UST closure by removal conducted by Evo. Approximately 3 feet of overburden gravel and soil were removed with the excavator bucket to expose the tops of the steel USTs. Excavated overburden was periodically collected by hand and placed in sealable polyethylene bags. The soil headspace in the bags was screened for volatile organic vapors with a photo-ionization detector (PID). Elevated PID readings were not observed. Soils were stockpiled beside the western sidewall of the UST basin.

The two USTs were observed to be nearly full of petroleum-contact water, believed to be from stormwater entering the observed opened fill ports. The fluid was pumped from the USTs by Evo's vacuum truck/tanker. A total of 11,525-gallons of petroleum contact water was evacuated from the two USTs on January 13, 2025 and January 14, 2025. The non-hazardous liquids were transported by Evo to their disposal facility located in Winston-Salem, North Carolina. Copies of the non-hazardous waste materials manifests and a certificate of disposal are provided in **Appendix C**.

Following removal of the residual liquid, additional brownish tan silty sands were excavated (approximately three feet, one bucket width, around the outside of the USTs) to facilitate UST removal. Periodically grab samples were collected, placed in sealable polyethylene bags, and screened for volatile

organic vapors with the PID. Elevated PID readings were not observed, and the soils were stockpiled adjacent to the excavation.

ECS observed Evo place dry ice in the USTs (at an approximate rate of 1.5 pounds per 100 gallons of tank capacity) and subsequently check for explosive vapors using a lower explosive limit (LEL) vapor detector. According to Evo and following inspection by the Wayne County Fire Marshal, the LEL readings were acceptable for UST removal. The USTs were removed from the excavation and loaded on to a flatbed trailer. Groundwater was observed beneath the removed USTs at approximately six (6) ft. bgs. The two USTs were each measured to be approximately 16 feet long by 8 feet in diameter and observed to be in decent condition. There were no indications of severe pitting or corrosion holes and welds appeared intact. The USTs were transported by Evo to Foss Recycling located in Winston-Salem, North Carolina. A copy of UST disposal certificate is provided in **Appendix C**. Site photographs documenting the UST removal activities are included in **Appendix D**.

The Site Investigation Report for Permanent Closure or Change-In Service (UST-2B) form for the two USTs is provided in **Appendix B**.

### **3.2 UST Closure Sample Collection**

On January 14, 2025, after removing the USTs, Evo obtained soils from each excavation sidewall approximately every 10 linear feet and ECS collected a UST closure sample by hand from the soils in the excavator bucket. Soil sample nomenclature was based on the excavation sidewall cardinal direction (N, S, E, or W), numbered, and sample depth (ft. bgs). Specific sample IDs were: EX-N1 (5'), EX-N2 (5'), EX-E1 (5'), EX-E2 (5'), EX-E3 (5'), EX-S1 (5'), EX-S2 (5'), EX-W1 (5'), EX-W2 (5'), and EX-W3 (5'). The UST closure soil samples were obtained from approximately one foot above the observed water table. ECS personnel wore new, disposable powder-free nitrile gloves to collect each sample. The approximate soil sample locations are illustrated on **Figure 4**.

The soil samples were field screened with a PID before placing the soils in laboratory supplied (and preserved as applicable) containers. The sample containers were labeled and placed into a cooler containing ice to maintain the samples at approximately 4° Celsius. ECS maintained chain of custody (COC) procedures throughout the sample collection and transportation process. The UST closure samples were submitted to Rapid Environmental Diagnostics Laboratory, LLC (RED Lab) located in Wilmington, North Carolina to be analyzed for TPH DRO and GRO per ultraviolet fluorescence (UVF) method.

### **3.3 Backfilling and Site Restoration**

Following sample collection activities on January 14, 2025, 2 loads (approximately 35 tons) of 57 stone were placed in the bottom the excavation to bridge the observed groundwater. Once the groundwater was bridged, the excavation was backfilled with the stockpiled overburden, three (3) loads of "clean" tan coarse-grained sand imported from an off-site facility (emplaced in approximately 12-inch lifts and bucket tamped) and capped with approximately 6 inches of ABC stone. The backfilling and Site restoration activities were completed by Evo on January 15, 2025. Site photographs of the backfilling and Site restoration activities are included in **Appendix D**.

## 4.0 RESULTS

Laboratory analysis did not indicate TPH-DRO or TPH-GRO concentrations above their respective NCDEQ Action Levels of 100 milligrams per Kilogram (mg/Kg) and 50 mg/Kg in the 10 soil samples collected and analyzed. A summary of the UST closure soil sample analytical results is included in **Table 3** and on **Figure 4**. The RED Lab analytical report and COC are included in **Appendix E**.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Historical soil and groundwater sample results reported by others (*CATLIN Geoenvironmental Phase II Investigation Report*) did not indicate petroleum impacts to soil or groundwater above applicable standards at the Site. On January 13<sup>th</sup> and January 14<sup>th</sup>, 2025, ECS observed the closure by removal of two approximate 6,000-gallon USTs. No indications of a release were noted during UST removal. Groundwater was observed in the UST basin at approximately 6 ft. bgs.

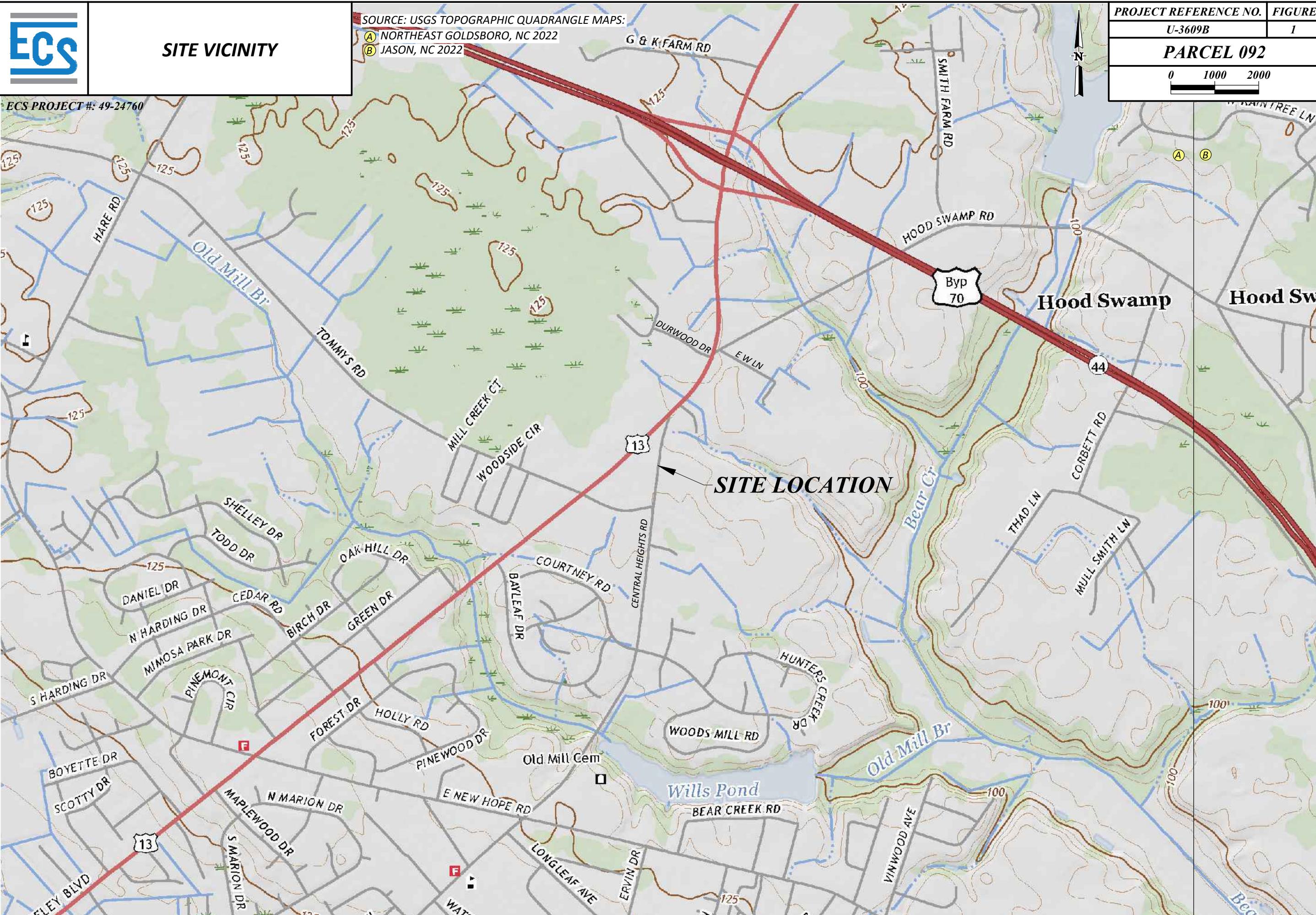
Ten soil samples, collected approximately every 10 feet along the excavation sidewalls and one foot above the water in the excavation, were submitted for TPH DRO and GRO analysis per UVF method. The UST closure soil sample analytical results did not reveal DRO or GRO concentrations greater than the NCDEQ TPH Action Levels.

Based on the recent UST closure soil sample results, CATLIN's historical soil and groundwater sample results, and the current NCDEQ regulations, it is ECS' opinion that the Site appears eligible for a Notice of No Further Action for the removed USTs. ECS recommends submitting a copy of this report to Ms. Allison Ward ([Allison.Ward@deq.nc.gov](mailto:Allison.Ward@deq.nc.gov)) at the NCDEQ Washington Regional Office.

## 6.0 QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in UST closure projects of this type. Our evaluation of Site conditions has been based on our understanding of the Site project information and the data obtained during our field activities.

## **FIGURES**



# STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS

# CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

\*S.U.E. = Subsurface Utility Engineering

**BOUNDARIES AND PROPERTY:**

State Line \_\_\_\_\_  
 County Line \_\_\_\_\_  
 Township Line \_\_\_\_\_  
 City Line \_\_\_\_\_  
 Reservation Line \_\_\_\_\_  
 Property Line \_\_\_\_\_  
 Existing Iron Pin   
 Property Corner \_\_\_\_\_  
 Property Monument   
 Parcel/Sequence Number 

Existing Fence Line \_\_\_\_\_  
 Proposed Woven Wire Fence \_\_\_\_\_  
 Proposed Chain Link Fence \_\_\_\_\_  
 Proposed Barbed Wire Fence   
 Existing Wetland Boundary   
 Proposed Wetland Boundary   
 Existing Endangered Animal Boundary   
 Existing Endangered Plant Boundary   
 Existing Historic Property Boundary 

Known Contamination Area: Soil   
 Potential Contamination Area: Soil   
 Known Contamination Area: Water   
 Potential Contamination Area: Water   
 Contaminated Site: Known or Potential 

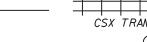
**BUILDINGS AND OTHER CULTURE:**

Gas Pump Vent or U/G Tank Cap   
 Sign   
 Well   
 Small Mine   
 Foundation   
 Area Outline   
 Cemetery   
 Building   
 School   
 Church   
 Dam 

**HYDROLOGY:**

Stream or Body of Water \_\_\_\_\_  
 Hydro, Pool or Reservoir   
 Jurisdictional Stream \_\_\_\_\_  
 Buffer Zone 1   
 Buffer Zone 2   
 Flow Arrow   
 Disappearing Stream   
 Spring   
 Wetland   
 Proposed Lateral, Tail, Head Ditch   
 False Sump 

**RAILROADS:**

Standard Gauge   
 RR Signal Milepost   
 Switch   
 RR Abandoned   
 RR Dismantled 

**RIGHT OF WAY:**

Baseline Control Point   
 Existing Right of Way Marker   
 Existing Right of Way Line \_\_\_\_\_  
 Proposed Right of Way Line   
 Proposed Right of Way Line with Iron Pin and Cap Marker   
 Proposed Right of Way Line with Concrete or Granite RW Marker   
 Proposed Control of Access Line with Concrete C/A Marker   
 Existing Control of Access   
 Proposed Control of Access   
 Existing Easement Line   
 Proposed Temporary Construction Easement   
 Proposed Temporary Drainage Easement   
 Proposed Permanent Drainage Easement   
 Proposed Permanent Drainage / Utility Easement   
 Proposed Permanent Utility Easement   
 Proposed Temporary Utility Easement   
 Proposed Aerial Utility Easement   
 Proposed Permanent Easement with Iron Pin and Cap Marker 

**ROADS AND RELATED FEATURES:**

Existing Edge of Pavement \_\_\_\_\_  
 Existing Curb \_\_\_\_\_  
 Proposed Slope Stakes Cut   
 Proposed Slope Stakes Fill   
 Proposed Curb Ramp   
 Existing Metal Guardrail \_\_\_\_\_  
 Proposed Guardrail \_\_\_\_\_  
 Existing Cable Guiderail \_\_\_\_\_  
 Proposed Cable Guiderail \_\_\_\_\_  
 Equality Symbol   
 Pavement Removal 

**VEGETATION:**

Single Tree   
 Single Shrub   
 Hedge   
 Woods Line 

Orchard   
 Vineyard 

**EXISTING STRUCTURES:**

MAJOR:  
 Bridge, Tunnel or Box Culvert   
 Bridge Wing Wall, Head Wall and End Wall   
 MINOR:  
 Head and End Wall   
 Pipe Culvert   
 Footbridge   
 Drainage Box: Catch Basin, DI or JB   
 Paved Ditch Gutter \_\_\_\_\_  
 Storm Sewer Manhole   
 Storm Sewer \_\_\_\_\_

**UTILITIES:**

POWER:  
 Existing Power Pole   
 Proposed Power Pole   
 Existing Joint Use Pole   
 Proposed Joint Use Pole   
 Power Manhole   
 Power Line Tower   
 Power Transformer   
 U/G Power Cable Hand Hole   
 H-Frame Pole   
 U/G Power Line LOS B (S.U.E.\*).  
 U/G Power Line LOS C (S.U.E.\*).  
 U/G Power Line LOS D (S.U.E.\*).

**TELEPHONE:**

Existing Telephone Pole   
 Proposed Telephone Pole   
 Telephone Manhole   
 Telephone Pedestal   
 Telephone Cell Tower   
 U/G Telephone Cable Hand Hole   
 U/G Telephone Cable LOS B (S.U.E.\*).  
 U/G Telephone Cable LOS C (S.U.E.\*).  
 U/G Telephone Cable LOS D (S.U.E.\*).  
 U/G Telephone Conduit LOS B (S.U.E.\*).  
 U/G Telephone Conduit LOS C (S.U.E.\*).  
 U/G Telephone Conduit LOS D (S.U.E.\*).  
 U/G Fiber Optics Cable LOS B (S.U.E.\*).  
 U/G Fiber Optics Cable LOS C (S.U.E.\*).  
 U/G Fiber Optics Cable LOS D (S.U.E.\*).

**WATER:**

Water Manhole \_\_\_\_\_  
 Water Meter   
 Water Valve   
 Water Hydrant   
 U/G Water Line LOS B (S.U.E.\*).  
 U/G Water Line LOS C (S.U.E.\*).  
 U/G Water Line LOS D (S.U.E.\*).  
 Above Ground Water Line 

**TV:**

TV Pedestal   
 TV Tower   
 U/G TV Cable Hand Hole   
 U/G TV Cable LOS B (S.U.E.\*).  
 U/G TV Cable LOS C (S.U.E.\*).  
 U/G TV Cable LOS D (S.U.E.\*).  
 U/G Fiber Optic Cable LOS B (S.U.E.\*).  
 U/G Fiber Optic Cable LOS C (S.U.E.\*).  
 U/G Fiber Optic Cable LOS D (S.U.E.\*).

**GAS:**

Gas Valve   
 Gas Meter   
 U/G Gas Line LOS B (S.U.E.\*).  
 U/G Gas Line LOS C (S.U.E.\*).  
 U/G Gas Line LOS D (S.U.E.\*).  
 Above Ground Gas Line 

**SANITARY SEWER:**

Sanitary Sewer Manhole   
 Sanitary Sewer Cleanout   
 U/G Sanitary Sewer Line   
 Above Ground Sanitary Sewer   
 SS Forced Main Line LOS B (S.U.E.\*).  
 SS Forced Main Line LOS C (S.U.E.\*).  
 SS Forced Main Line LOS D (S.U.E.\*).

**MISCELLANEOUS:**

Utility Pole   
 Utility Pole with Base   
 Utility Located Object   
 Utility Traffic Signal Box   
 Utility Unknown U/G Line LOS B (S.U.E.\*).  
 U/G Tank; Water, Gas, Oil   
 Underground Storage Tank, Approx. Loc.   
 A/G Tank; Water, Gas, Oil   
 Geoenvironmental Boring   
 U/G Test Hole LOS A (S.U.E.\*).  
 Abandoned According to Utility Records   
 End of Information   
 AATUR  
 E.O.I.

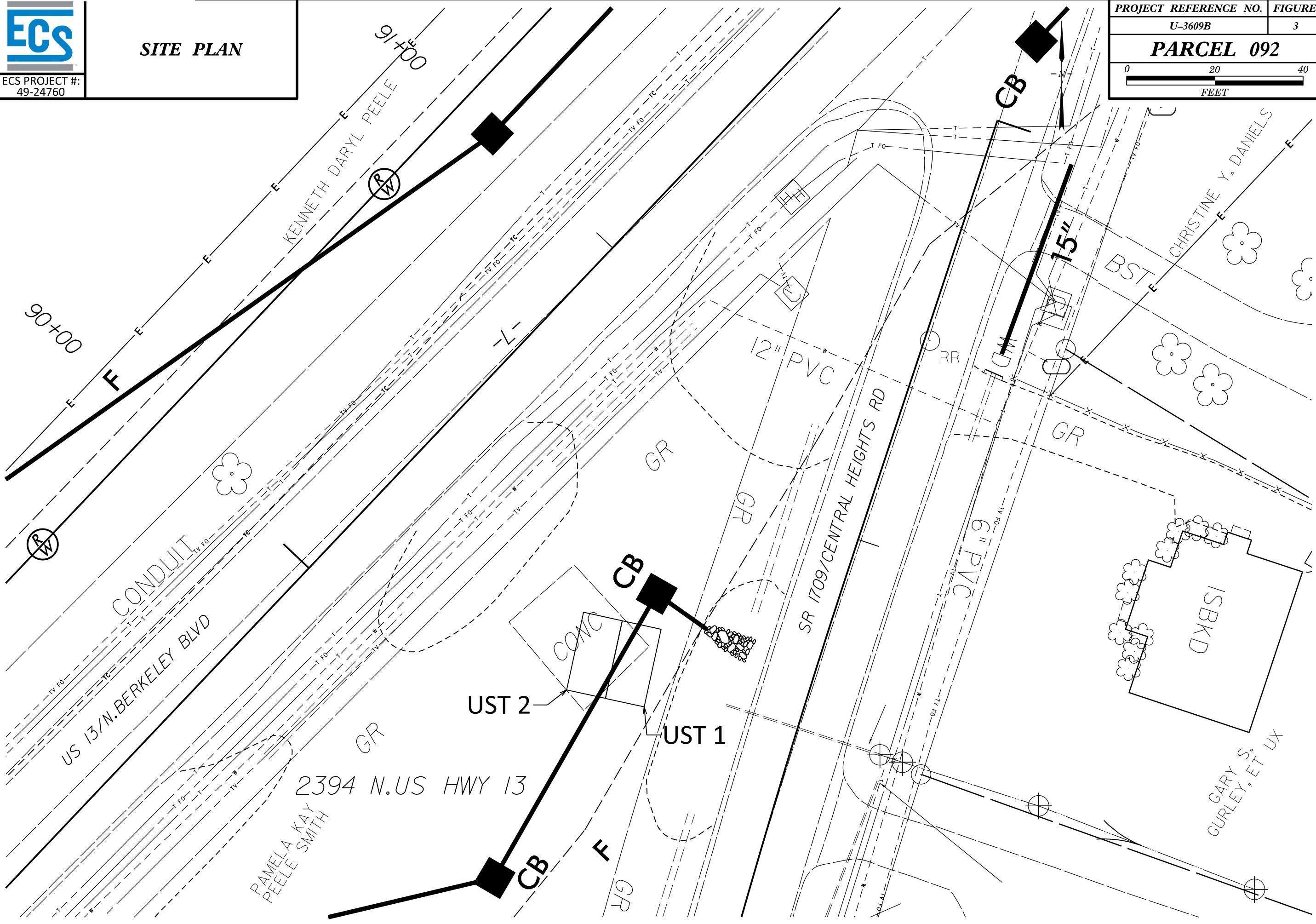


## SITE PLAN

ECS PROJECT #: 49-24760

| PROJECT REFERENCE NO. | FIGURE |
|-----------------------|--------|
| U-3609B               | 3      |
| <b>PARCEL 092</b>     |        |

0 20 40  
FEET



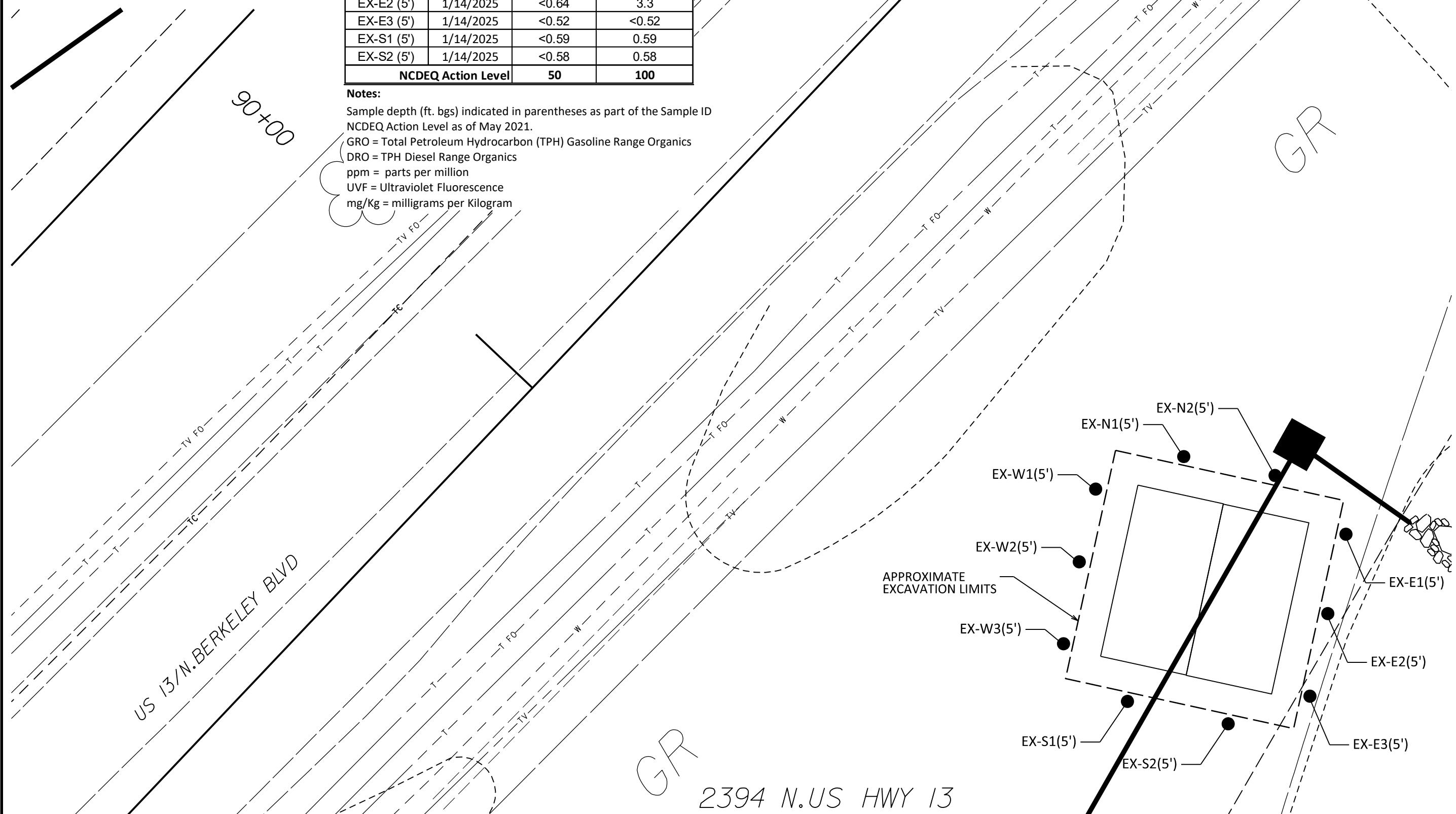


## UST CLOSURE SAMPLE LOCATION MAP

ECS PROJECT #: 49-24760

### LEGEND

● UST CLOSURE SAMPLE



## **TABLES**

**Table 1 (B-2): Site History - UST Owner and Operator Information****Parcel 092 - Pamela Kay Peele Smith****2394 N. US Hwy 13****Goldsboro, North Carolina****NCDEQ UST Incident No. 38814****ECS Project No. 49-24760**

|                                    |              |            |                         |   |     |  |  |  |  |  |
|------------------------------------|--------------|------------|-------------------------|---|-----|--|--|--|--|--|
| <b>UST ID Number</b>               | Unknown      |            |                         | <b>Facility ID Number</b>                           | N/A |  |  |  |  |  |
| <b>Owner Name (and Contact)</b>    |              |            |                         | <b>Dates of Operation</b><br>(mm/dd/yy to mm/dd/yy) |     |  |  |  |  |  |
| Orphan - Pamela Kay Peele Smith    |              |            |                         | Unknown   |     |  |  |  |  |  |
| <b>Street Address</b>              |              |            |                         |   |     |  |  |  |  |  |
| 2394 N. US Hwy 13 (Berkley Blvd.)  |              |            |                         |   |     |  |  |  |  |  |
| <b>City</b>                        | <b>State</b> | <b>Zip</b> | <b>Telephone Number</b> |   |     |  |  |  |  |  |
| Goldsboro                          | NC           | 27534      | Unknown                 |   |     |  |  |  |  |  |
| <b>Operator Name (and Contact)</b> |              |            |                         | <b>Dates of Operation</b><br>(mm/dd/yy to mm/dd/yy) |     |  |  |  |  |  |
| Unknown                            |              |            |                         | Unknown   |     |  |  |  |  |  |
| <b>Street Address</b>              |              |            |                         |   |     |  |  |  |  |  |
| Unknown                            |              |            |                         |   |     |  |  |  |  |  |
| <b>City</b>                        | <b>State</b> | <b>Zip</b> | <b>Telephone Number</b> |   |     |  |  |  |  |  |
| Goldsboro                          | NC           | 27534      | Unknown                 |   |     |  |  |  |  |  |

**Table 2 (B-1): Site History - UST System and Other Release Information****Parcel 092 - Pamela Kay Peele Smith****2394 N. US Hwy 13****Goldsboro, North Carolina****NCDEQ UST Incident No. 38814****ECS Project No. 49-24760**

| UST ID Number | Current/Most-Recent Contents | Previous Contents | Capacity (in gallons) | Construction Details | Tank Dimensions (Feet) | Description of Piping | Date Tank Installed | Status of UST     | Release associated with this UST System? |
|---------------|------------------------------|-------------------|-----------------------|----------------------|------------------------|-----------------------|---------------------|-------------------|--|
| 1             | Unknown                      | Unknown           | 6,000                 | Single Wall Steel    | 16' x 8'               | Steel                 | Unknown             | Removed 1/14/2025 | No                                       |
| 2             | Unknown                      | Unknown           | 6,000                 | Single Wall Steel    | 16' x 8'               | Steel                 | Unknown             | Removed 1/14/2025 | No                                       |

| Incident Number | Material Released | Date of Release | Description of Release |
|-----------------|-------------------|-----------------|------------------------|
| 38814           | N/A               | N/A             | N/A                    |



**Table 3: UST Closure Soil Analytical Results Summary**  
**Parcel 092 - Pamela Kay Peele Smith**  
**2394 N. US Hwy 13**  
**Goldsboro, North Carolina**  
**NCDEQ UST Incident No. 38814**  
**ECS Project No. 49-24760**

| Sample ID                 | Sample Date | Sample Type | PID Reading (ppm) | GRO UVF (mg/Kg) | DRO UVF (mg/Kg) |
|---------------------------|-------------|-------------|-------------------|-----------------|-----------------|
| EX-W1 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.56           | 0.8             |
| EX-W2 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.53           | 0.53            |
| EX-W3 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.52           | <0.52           |
| EX-N1 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.53           | <0.53           |
| EX-N2 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.6            | 0.6             |
| EX-E1 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.53           | <0.53           |
| EX-E2 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.64           | 3.3             |
| EX-E3 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.52           | <0.52           |
| EX-S1 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.59           | 0.59            |
| EX-S2 (5')                | 1/14/2025   | UST Closure | 0.0               | <0.58           | 0.58            |
| <b>NCDEQ Action Level</b> |             | <b>None</b> | <b>50</b>         | <b>100</b>      |                 |

**Notes:**

Sample depth (feet below ground surface) provided in parentheses as part of the Sample ID.

North Carolina Department of Environmental Quality (NCDEQ) Action Level as of May 2021.

PID = Photoionization Detector

GRO = Total Petroleum Hydrocarbon (TPH) Gasoline Range Organics

DRO = TPH Diesel Range Organics

ppm = parts per million

UVF = Ultraviolet Fluorescence

mg/Kg = milligrams per Kilogram

**APPENDIX A**  
**UST-3 and UST-2B Forms**

# UST-3 Notice of Intent: UST Permanent Closure or Change-in-Service

**Return completed form to:**

The DWM Regional Office located in the area where the facility is located. Also send a copy to the Central Office in Raleigh. Go to the following link for the regional and central office mailing addresses:  
<https://www.deq.nc.gov/about/divisions/waste-management/ust/ro-staff>

STATE USE ONLY

I.D. # \_\_\_\_\_  
Date Received \_\_\_\_\_
**INSTRUCTIONS (READ THIS FIRST)**

Complete and return a UST-3 form at least **thirty (30) days** prior to closure or change-in-service activities.

Completed UST closure or change-in-service site assessment reports, along with a copy of the UST-2A and/or 2B forms, should be submitted to the appropriate Division of Waste Management (DWM) Regional Office within thirty (30) days following closure activities. The UST-2 form should also be submitted to the Central Office in Raleigh so that the status of the tanks may be changed to permanently closed and your tank fee account can be closed out. Note: Tank fees may be due for unregistered tanks.

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Site Checks, Tank Closure and Initial Response*. The guidelines can be obtained at <https://deq.nc.gov/about/divisions/waste-management/ust>.

Note: To close tanks in place you must obtain prior approval from the DWM Regional office located in the region where the facility is located.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

**I. OWNERSHIP OF TANKS**
**II. LOCATION**

|   |   |   |   |                   |
|---|---|---|---|-------------------|
| Owner Name (Corporation, Individual, Public Agency, or Other Entity)<br>Orphan - Pamela Kay Peele Smith |   | Facility Name or Company<br>Unknown                             |   |                   |
| Street Address:<br>2394 N. US Hwy 13 (Berkeley Blvd)  |   | Facility ID # (If known)  |   |                   |
| City<br>Goldsboro   | County<br>Wayne                           | Street Address<br>NCDOT ROW @ 2394 N. US Hwy 13 (Berkeley Blvd) |   |                   |
| State<br>NC <input checked="" type="checkbox"/>   | Zip Code<br>27534                         | City<br>Goldsboro   | County<br>Wayne <input checked="" type="checkbox"/> | Zip Code<br>27534 |
| Phone Number<br>910.686.9114  | Email<br>BAshba@ecslimited.com (as Agent) | Phone Number  |   |                   |

**III. CONTACT PERSONNEL**

|                               |                                     |                                   |                               |
|-------------------------------|-------------------------------------|-----------------------------------|-------------------------------|
| Name:<br>Ben Ashba (as Agent) | Company Name:<br>ECS Southeast, LLC | Job Title:<br>Associate Principal | Phone Number:<br>910.686.9114 |
|-------------------------------|-------------------------------------|-----------------------------------|-------------------------------|

**IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN SERVICE**

- Contact local fire marshal.
- Plan entire closure event.
- Conduct Site Soil Assessment.
- If removing tanks or closing in place, refer to API Publication 2015 *Cleaning Petroleum Storage Tanks and 1604 Removal and Disposal of Used Underground Petroleum Storage Tanks*.
- Provide a sketch locating piping, tanks and soil sampling locations.
- Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.
- If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
- Keep closure records for three (3) years.

**V. WORK TO BE PERFORMED BY**

|   |  |  |                    |
|---|--|--|--------------------|
| Contractor Name:<br>Tony Disher             | Contractor Company Name:<br>EVO Corporation            |  |                    |
| Address:<br>1703 Vargrave St.               | City:<br>Winston Salem                                 | State:<br>NC <input checked="" type="checkbox"/> | Zip Code:<br>27107 |
| Primary Consultant Name:<br>Ben Ashba, P.G. | Primary Consultant Company Name:<br>ECS Southeast, LLC | Consultant Phone No:<br>910.686.9114             |                    |

**VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE**

| Tank ID No. | Size in Gallons | Last Contents | Proposed Activity                   |                          |                     |
|-------------|-----------------|---------------|-------------------------------------|--------------------------|---------------------|
|             |                 |               | Closure                             |                          | New Contents Stored |
|             |                 |               | Removal                             | Abandonment in Place *   |                     |
| 1           | 8,000           | Unknown       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                     |
| 2           | 8,000           | Unknown       | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                     |
|             |                 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                     |
|             |                 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                     |
|             |                 |               | <input checked="" type="checkbox"/> | <input type="checkbox"/> |                     |

\* Prior written approval to abandon a tank in place must be received from a DWM Regional Office.

**VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE**

Has a release from a UST system occurred at this location?  Yes  No  Unknown

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs.

Print name and official title: Ben Ashba, P.G. agent for NCDOT

|  |                                   |   |
|--|-----------------------------------|---|
| Signature<br> | SCHEDULED REMOVAL DATE<br>1/13/25 | Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes |
|--|-----------------------------------|---|



# UST-2B

## Site Investigation Report for Permanent Closure or Change-in-Service of UN-REGISTERED UST

Return completed form to:

NC DEQ / DWM / UST SECTION  
1646 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1646  
ATTN: REGISTRATION & PERMITTING

phone (919) 707-8171 fax (919) 715-1117 <http://www.wastenotnc.org/>

STATE USE ONLY:

Facility ID #

Date Received

### INSTRUCTIONS (READ THIS FIRST)

1. UST permanent closure or change in service must be completed in accordance with the latest version of the Guidelines for Site Checks, Tank Closure and Initial Response and Abatement. The guidelines can be obtained at <http://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/underground-storage-tanks-section>.
2. Permanent closure: Complete all sections of this form.
3. Change-in-service: Where UST systems will be converted from storing a regulated substance to a non-regulated substance, complete sections I, II, III, IV, and VI.
4. For more than 5 un-registered UST systems, attach additional forms as needed.
5. **Un-Registered USTs may be subject to unpaid fees and late penalties.**
6. REGISTERED USTs use Form UST-2A.

### I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity)  
Orphan - Pam Kay Peele Smith

Street Address  
2394 N. US Hwy 13 (Berkley Blvd)City  
GoldsboroCounty  
WayneState  
NCZip Code  
27534Phone Number  
910.686.9114

### II. LOCATION OF TANKS

Facility Name or Company  
Unknown

Facility ID # (If known)

Street Address  
NCDOT ROW @ 2394 N. US Hwy 13 (Berkley Blvd)City  
GoldsboroCounty  
WayneZip Code  
27534

Phone Number

### III. CONTACT PERSONNEL

|   |   |  |
|---|---|--|
| Contact for Facility:<br>Ben Ashba (as Agent) | Job Title:<br>Associate Principal                 | Phone #:<br>910.686.9114                                     |
| Closure Contractor Name:<br>Tony Disher       | Closure Contractor Company:<br>EVO Corporation    | Address:<br>1703 Vargrave St.<br>Phone #:<br>877.725.5844    |
| Primary Consultant Name:<br>Ben Ashba         | Primary Consultant Company:<br>ECS Southeast, LLC | Address:<br>6714 Netherlands Dr.<br>Phone #:<br>910.686.9114 |

### IV. UST INFORMATION FOR UN-REGISTERED UST SYSTEMS

REGISTERED USTs use Form UST-2A.

### V. EXCAVATION CONDITION

| Tank ID No. | Size in Gallons | Last Contents | Last Use Date | Permanent Close Date | Method of Permanent Closure:<br>Indicate REMOVED or enter fill material, such as foam/concrete/sand | Change-in-Service Date | Water in excavation      |                          | Free product             |                          | Notable odor or visible soil contamination |                          |
|-------------|-----------------|---------------|---------------|----------------------|---|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--|--------------------------|
|             |                 |               |               |                      |   |                        | Yes                      | No                       | Yes                      | No                       | Yes  | No                       |
| 1           | 6,000           | Unknown       | Unknown       | 1/14/2025            | REMOVED   | N/A                    | <input type="checkbox"/>                   | <input type="checkbox"/> |
| 2           | 6,000           | Unknown       | Unknown       | 1/14/2025            | REMOVED   | N/A                    | <input type="checkbox"/>                   | <input type="checkbox"/> |
|             |                 |               |               |                      |   |                        | <input type="checkbox"/>                   | <input type="checkbox"/> |
|             |                 |               |               |                      |   |                        | <input type="checkbox"/>                   | <input type="checkbox"/> |
|             |                 |               |               |                      |   |                        | <input type="checkbox"/>                   | <input type="checkbox"/> |
|             |                 |               |               |                      |   |                        | <input type="checkbox"/>                   | <input type="checkbox"/> |
|             |                 |               |               |                      |   |                        | <input type="checkbox"/>                   | <input type="checkbox"/> |

### VI. CERTIFICATION

I certify under penalty of law 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 immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative

Benjamin J. Ashba, PG: ECS Agent for NCDOT

Signature

Date Signed

2/18/2025

## **APPENDIX B**

## **Health and Safety Plan (HASP)**



**ECS SOUTHEAST, LLC**

Geotechnical • Construction Materials • Environmental • Facilities

NC Engineering License No. F-1519

## HEALTH AND SAFETY PLAN

**PROJECT NO:** 49-24760

**PROJECT NAME:** NCDOT Project U-3609B – WBS Number 39026.1.2 UST Closures

**SITE LOCATION:** 1813 N Berkley Blvd, 2394 & 2502 US Hwy 13 N, Goldsboro, Wayne County, NC

### REVIEW AND APPROVAL:

Principal: Scott M. Werley, P.G.

Project Manager: Ben Ashba, P.G.

**DATE OF PLAN PREPARATION:** 12/20/2024

**DATES OF PLANNED FIELD ACTIVITIES:** 1/13/2025 – 1/17/2025 and 1/20/2025

**PLANNED FIELD ACTIVITIES:** UST Closures

### NC 811 UTILITY LOCATING TICKET

811 Ticket #: C243550602, C243550610, & C243550617,

Date Cleared: 12/30/24

Expiration/Renew By Date: 1-16-25/1-13-25

(Attach copy of 811 Ticket to HASP)

### SAFETY MEETING CONDUCTED

Location: On-Site

Date: 1/13/2025 – 1/17/2025 and 1/20/2025

### EMERGENCY PHONE NUMBERS

Hospital:        UNC Health Wayne  
                  2700 Wayne Memorial Drive  
                  Goldsboro, NC  
                  See attached maps

Phone: 911

Location for on-site emergency gathering will be determined during Site Safety Meeting.

Emergency Medical System (EMS): 911

Fire: 911

Police: 911

**HEALTH AND SAFETY OFFICER:** Tyler Watkins (336) 339-3384

**ECS ON-SITE CONTACT:** Samantha M Szakasits, P.G. (919) 616-2679

*Health and Safety Plan*

*NCDOT Project U-3609B – WBS Number 39026.1.2 UST Closures*

*ECS Project 49-24760*

*Goldsboro, North Carolina*

*December 20, 2024*

## **DESCRIPTION OF POTENTIAL HAZARDS**

- Exposure to petroleum impacted soil & groundwater
- Drill Rig
- Underground utilities
- Heat Stress

## **PERSONNEL ACCESS**

Personnel who attended ECS's site safety meeting and are authorized to enter this site:

- 1) ECS personnel
- 2) ECS Subcontractor personnel

## **MONITORING PROCEDURES**

PID/FID Screening

## **DECONTAMINATION (Petroleum)**

|           |   |  |
|-----------|---|--|
| Skin      | - | wash with soap and water                 |
| Clothing  | - | wash with detergent and rinse thoroughly |
| Equipment | - | steam clean or detergent wash            |

## **MEDICAL SURVEILLANCE**

Avoid frequent or prolonged skin contact. Monitor skin and eyes for dermatitis, allergic reaction, and eye irritation. If these or other systems develop, seek qualified medical attention. Workers with histories of liver, kidney, or nervous disorders should be advised as to possible increased risk.

**Symptoms of Acute Exposure to Volatile Organics:** High vapor levels can cause irritation of the respiratory tract, headaches, nausea and mental confusion. Loss of consciousness. Liquid contact with skin may cause defatting, drying and irritation. Both vapor and liquid phases are irritating to the eyes.

## **EMERGENCY PROCEDURES (Petroleum)**

|            |   |  |
|------------|---|--|
| Skin       | - | wash with soap and water, rinse well   |
| Inhalation | - | move to fresh air at least 50 feet upwind from vapor source. Seek qualified medical attention.                 |
| Eyes       | - | flush for a minimum of ten minutes with clean water while holding eyes open. Seek qualified medical attention. |
| Ingestion  | - | do not induce vomiting. If conscious, give water or milk to drink. Seek qualified medical attention.           |

*Health and Safety Plan*

*NCDOT Project U-3609B – WBS Number 39026.1.2 UST Closures*

*ECS Project 49-24760*

*Goldsboro, North Carolina*

*December 20, 2024*

## **HEAT STRESS**

Symptoms of heat stress include pale, cool or moist skin, excessive sweating, dizziness, nausea, and muscle spasms. Symptoms of heat stroke include red, hot and unusually dry skin, reduced perspiration, nausea, dizziness or confusion, rapid pulse rate and coma. To prevent heat stress, adjust work schedule, provide shaded rest areas, and maintain body fluids.

## **CLOTHING AND PROTECTIVE GEAR**

Nitrile gloves, steel-toed boots, protective eyewear, safety vests, hard hats, and hearing protection to be available at the site.

\*\*The Project Manager or the Principal Professional should be contacted prior to changes in personal protective equipment usage.

## **IN THE EVENT OF PERSONNEL INJURY**

Provide basic first aid procedures as required, and note time and circumstances of injuries. Call for an ambulance or transport to nearest medical facility. Notify Health and Safety Officer (Shannon Priester at 919-291-9200) and Principal Project Professional (Roger Smith at (704-840-7279).

## **ACCIDENT REPORTING**

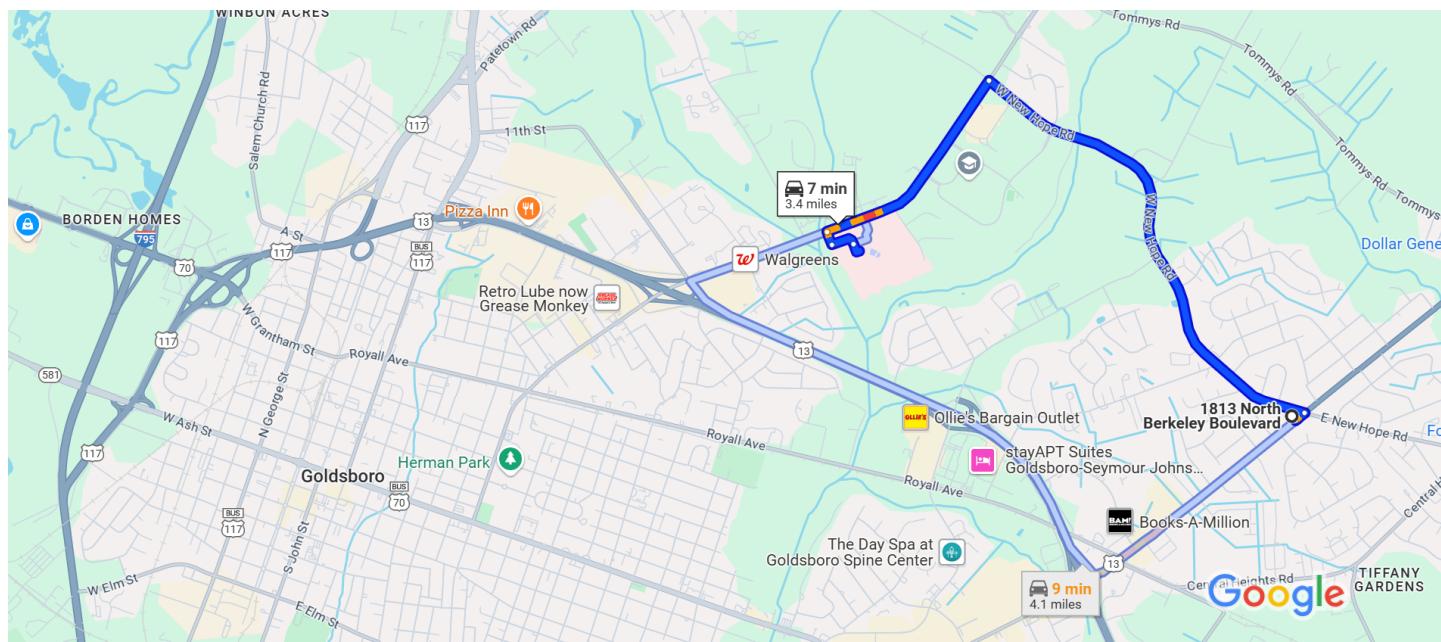
Personnel injuries and vehicle accidents should be reported to the Branch Safety Officer within 24 hours of incident.

## **WORK PRECAUTIONS**

- 1) No smoking, eating, drinking or chewing of gum or tobacco products while on the site. Avoid hand to mouth contact. A designated smoking and break area may be established off-site. Any such facility must be a minimum of 100 feet from any source and shall be tested for flammable gasses and vapors at the start of work and prior to scheduled break periods each day.
- 2) Hard hats, steel toe boots, and safety glasses are required to be worn at all times within the site. Persons exposed to vehicular traffic will wear warning vests.
- 3) When the potential exists for skin contact with liquid hydrocarbons, impervious gloves and foot coverings are required to be worn.
- 4) Decontamination of equipment, clothing and personnel shall be in accordance with the previous section entitled "Decontamination".
- 5) Prior to the start of work, any ECS employees or Subcontractor personnel shall be briefed on the contents of this plan by the ECS Field Representative.



1813 N Berkeley Blvd, Goldsboro, NC      Drive 3.4 miles, 7 min  
27534 to UNC Health Wayne, 2700 Wayne Memorial Dr, Goldsboro, NC 27534



Map data ©2024 Google

2000 ft

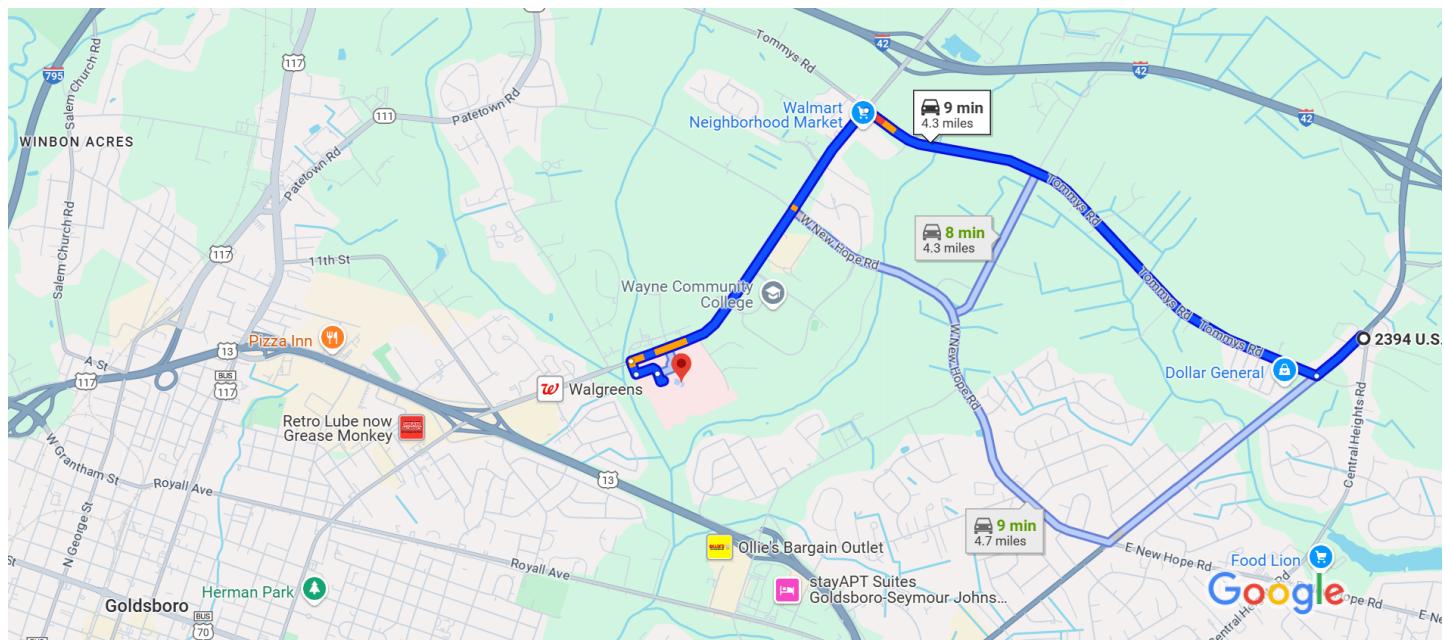
1813 N Berkeley Blvd  
Goldsboro, NC 27534

- ↑ 1. Head northeast on N Berkeley Blvd toward E New Hope Rd      272 ft
- ↳ 2. Turn left onto W New Hope Rd      2.1 mi
- ↳ 3. Turn left onto Wayne Memorial Dr      1.0 mi
- ↳ 4. Turn left      312 ft
- ↳ 5. Turn left      0.1 mi
- ↑ 6. Continue straight      262 ft

UNC Health Wayne  
2700 Wayne Memorial Dr, Goldsboro, NC 27534



2394 US-13, Goldsboro, NC 27534 to Drive 4.3 miles, 9 min  
UNC Health Wayne, 2700 Wayne Memorial Dr, Goldsboro, NC 27534



Map data ©2024 Google

2000 ft

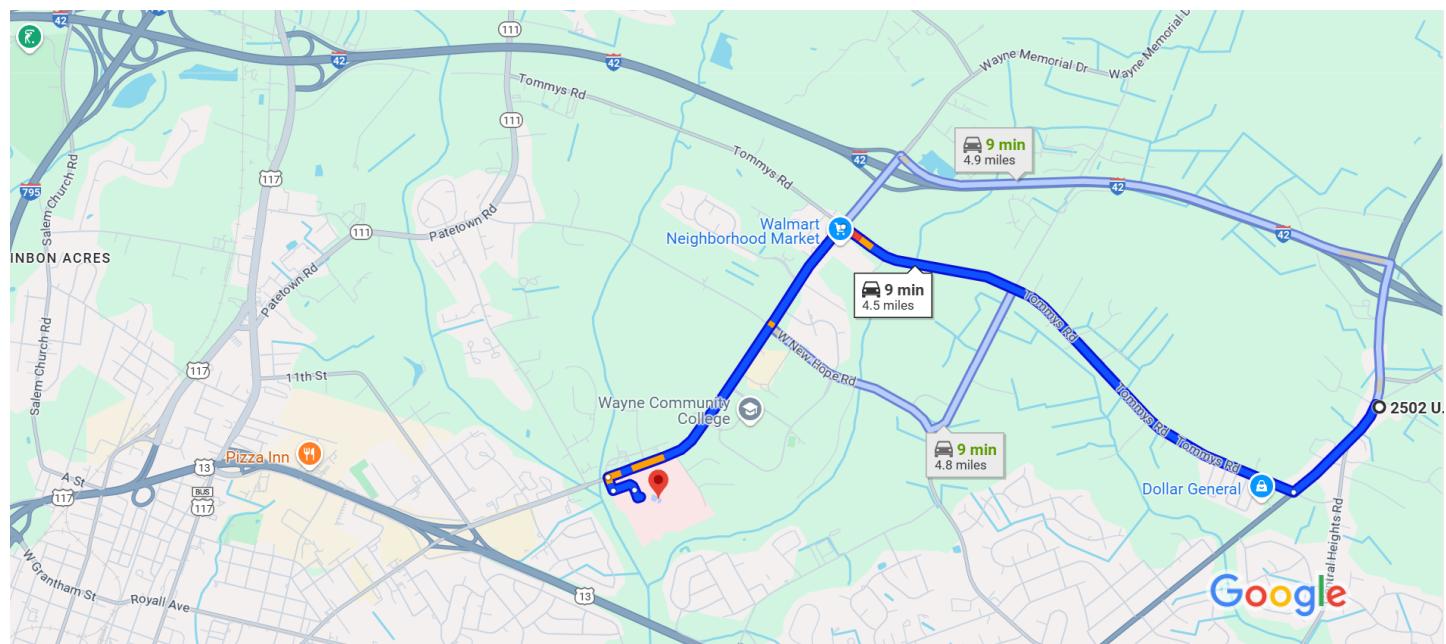
2394 US-13  
Goldsboro, NC 27534

- ↑ 1. Head southwest on US-13 S/Berkeley Blvd toward State Hwy 157U 0.3 mi
- 2. Turn right onto Tommies Rd 2.3 mi
- ← 3. Turn left onto Wayne Memorial Dr 1.5 mi
- ← 4. Turn left 312 ft
- ← 5. Turn left 0.1 mi
- ↑ 6. Continue straight 262 ft

UNC Health Wayne  
2700 Wayne Memorial Dr, Goldsboro, NC 27534



2502 US-13, Goldsboro, NC 27534 to Drive 4.5 miles, 9 min  
UNC Health Wayne, 2700 Wayne Memorial Dr, Goldsboro, NC  
27534



Map data ©2024 2000 ft

2502 US-13  
Goldsboro, NC 27534

- ↑ 1. Head southwest on US-13 S/Berkeley Blvd toward Mooring Ln 0.5 mi
- ↗ 2. Turn right onto Tommrys Rd 2.3 mi
- ↖ 3. Turn left onto Wayne Memorial Dr 1.5 mi
- ↖ 4. Turn left 312 ft
- ↖ 5. Turn left 0.1 mi
- ↑ 6. Continue straight 262 ft

UNC Health Wayne  
2700 Wayne Memorial Dr, Goldsboro, NC 27534

## Randy H. Cavallier

---

**From:** North Carolina 811 <automated@nc811.org>  
**Sent:** Friday, December 20, 2024 9:41 AM  
**To:** Randy H. Cavallier  
**Subject:** [EXTERNAL] NCOC EMLCFM 2024/12/20 #03132 C243550602-00C NORM NEW LR

EMLCFM 03132 NCOCc 12/20/24 09:41:18 C243550602-00C NORM NEW GRID LR

North Carolina 811

Ticket : C243550602 Date: 12/20/24 Time: 09:35 Oper: BLM Chan:999  
 Old Tkt: C243550602 Date: 12/20/24 Time: 09:41 Oper: BLM Rev :00C

State: NC Cnty: WAYNE Place: GOLDSBORO In/Out: B  
 Subdivision: BSN: UNKNOWN NAME

Address : 1813  
 Street : N BERKELEY BLVD Intersection: N  
 Cross 1 : W NEW HOPE RD  
 Location: LOCATE BY 11:59 PM ON 12/30/2024  
 DISTANCE FROM CROSS STREET IS: AT THE INTERSECTION LOCATE THE ENTIRE  
 PROPERTY  
 :  
 Grids : 3523C7755C 3523C7755D 3523D7755C

Work type: REMOVING UG STORAGE TANKS  
 Work date: 01/06/25 Time: 09:00 Hours notice: 153/153 Priority: NORM  
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: N  
 Duration: 3 DAYS Done for: NCDOT

Company : ECS SOUTHEAST Type: CONT  
 Co addr : 4811 KOGER BLVD  
 City : GREENSBORO State: NC Zip: 27407  
 Caller : RANDY CAVALLIER Phone: 336-362-5692  
 Contact : SAME Phone:  
 BestTime:  
 Email : rcavallier@ecslimited.com

Submitted date: 12/20/24 Time: 09:41  
 Good thru date: 01/16/25 Time: 23:59 Update on date: 01/13/25 Time: 23:59  
 Members:  
 ATT322\*= ATT/D (DISTRIBUTION) Op ID: ATT/D  
 CLS01 = USIC LOCATING SERVICES INC (not available)  
 CPL40\* = DUKE ENERGY DUKE  
 CSR02 = WTR/SWR/STR DRAIN ONLY LOCATE TO METER (not available)  
 CUB01 = CONTERRA ULTRA BROADBAND (not available)  
 GOL01 = CITY OF GOLDSBORO (not available)  
 JJJU01 = J & J UNDERGROUND UTILITIES LLC (not available)  
 MCN03 = MCNC MCNC  
 NCN02 = PIEDMONT NATURAL GAS COMPANY PNG  
 NST01\* = LUMOS (not available)  
 PAL01\* = SEGRA (FORMERLY SPIRIT) SEG  
 STK01 = STAKE CENTER LOCATING (not available)  
 TWC02\* = CHARTER COMMUNICATIONS (not available)

| Member | Type | Contact | Phone |
|--------|------|---------|-------|
|--------|------|---------|-------|

|         |        |                                |                |
|---------|--------|--------------------------------|----------------|
| ATT322* | Field  | 1 - DISPATCH                   | 800-778-9140   |
|         | Field  | 2 - DOUG HAYES II              | 919-829-8184   |
|         | Damage | DAMAGE REPORTING LINE          | 800-247-2020x3 |
| CPL40*  | Field  | DISPATCH                       | 800-778-9140   |
|         | Damage | DUKE ENERGY REPRESENTATIVE     | 800-452-2777   |
| CUB01   | Field  | FIBER PROTECTION DEPARTMENT    | 888-581-0811   |
|         | Damage | NETWORK OPERATIONS CENTER      | 888-581-0811   |
| GOL01   | Field  | RONNIE COLEY                   | 919-750-0219   |
|         | Damage | DON MCMULLEN                   | 919-750-1257   |
| MCN03   | Field  | 1 - NCREN-NOC                  | 919-248-1111x1 |
|         | Field  | 2 - BRIAN ARRINGTON            | 919-248-8407   |
|         | Damage | 1 - NCREN-NOC                  | 919-248-1111x1 |
|         | Damage | 2 - BRIAN ARRINGTON            | 919-248-8407   |
| NCN02   | Field  | 1 - ED OELTJEN                 | 919-812-1934   |
|         | Field  | 2 - PNG CONT CTR (7:30A-3:45P) | 800-752-7504   |
|         | Field  | 3 - CUST SVC CTR(3:45P-7:30A)  | 888-370-8937   |
|         | Damage | CUSTOMER SVC CTR(3:45P-7:30A)  | 888-370-8937   |
|         | Damage | PNG CONTACT CTR (7:30A-3:45P)  | 800-752-7504   |
| NST01*  | Field  | STEVE MONNETT                  | 336-888-9866   |
|         | Damage | ANTHONY TUSSEY (CELL)          | 336-880-2493   |
|         | Damage | ANTHONY TUSSEY (OFFICE)        | 336-821-8535   |
| PAL01*  | Field  | STAKE CENTER LOCATING          | 801-364-1063   |
|         | Damage | NETWORK OPERATIONS CENTER      | 800-277-4105   |
| TWC02*  | Field  | DISPATCH                       | 800-778-9140   |
|         | Damage | CAROLINAS REGIONAL OPERATIONS  | 855-272-2862   |

If any damage involves a release of product or injury, please call 911 before contacting the owner.

View map at:

[https://newtin.nc811.org/newtinweb/map\\_tkt.nap?TRG=EEDrDm9q2wv0p2x-q](https://newtin.nc811.org/newtinweb/map_tkt.nap?TRG=EEDrDm9q2wv0p2x-q)

Water, sewer and storm drain lines are marked within the right of way or to the meter, and not on private property. Lines from the right of way or meter to the residence or business are private lines and you will need to contact a private line locator to have these lines located. Member facility owners are not responsible for marking private lines. For a listing of private line locators, please visit our website, [www.nc811.org](http://www.nc811.org). You must contact any non-member facility owners not listed on your location request directly to request their facilities to be located and marked.

Per statute, excavators must check electronic positive response prior to digging.

For more information click here: <https://nc811.org/positive-response/>

## Randy H. Cavallier

---

**From:** North Carolina 811 <automated@nc811.org>  
**Sent:** Friday, December 20, 2024 9:44 AM  
**To:** Randy H. Cavallier  
**Subject:** [EXTERNAL] NCOC EMLCFM 2024/12/20 #03171 C243550610-00C NORM NEW LR

EMLCFM 03171 NCOCC 12/20/24 09:44:14 C243550610-00C NORM NEW GRID LR

North Carolina 811

Ticket : C243550610 Date: 12/20/24 Time: 09:41 Oper: BLM Chan:999  
 Old Tkt: C243550610 Date: 12/20/24 Time: 09:43 Oper: BLM Rev :00C

State: NC Cnty: WAYNE Place: GOLDSBORO In/Out: B  
 Subdivision: BSN: VACANT BUSINESS

Address : 2394  
 Street : HWY13 Intersection: N  
 Cross 1 : CENTRAL HEIGHTS RD  
 Location: LOCATE BY 11:59 PM ON 12/30/2024  
 DISTANCE FROM CROSS STREET IS: 250FT SOUTHWEST LOCATE THE ENTIRE PROPERTY  
 HWY13 N  
 :  
 Grids : 3524D7753A 3524D7754D

Work type: REMOVING UG STORAGE TANKS  
 Work date: 01/08/25 Time: 00:00 Hours notice: 192/192 Priority: NORM  
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: N  
 Duration: 2 DAYS Done for: NCDOT

Company : ECS SOUTHEAST Type: CONT  
 Co addr : 4811 KOGER BLVD  
 City : GREENSBORO State: NC Zip: 27407  
 Caller : RANDY CAVALLIER Phone: 336-362-5692  
 Contact : SAME Phone:  
 BestTime:  
 Email : rcavallier@ecslimited.com

Submitted date: 12/20/24 Time: 09:43  
 Good thru date: 01/16/25 Time: 23:59 Update on date: 01/13/25 Time: 23:59  
 Members: Op ID:  
 ATT322\* = ATT/D (DISTRIBUTION) ATT/D  
 CLS01 = USIC LOCATING SERVICES INC (not available)  
 CPL40\* = DUKE ENERGY DUKE  
 CSR02 = WTR/SWR/STR DRAIN ONLY LOCATE TO METER (not available)  
 CUB01 = CONTERRA ULTRA BROADBAND (not available)  
 GOL01 = CITY OF GOLDSBORO (not available)  
 TWC02\* = CHARTER COMMUNICATIONS (not available)  
 WYN01 = WAYNE WATER DISTRICTS (not available)

| Member  | Type   | Contact               | Phone          |
|---------|--------|-----------------------|----------------|
| ATT322* | Field  | 1 - DISPATCH          | 800-778-9140   |
|         | Field  | 2 - DOUG HAYES II     | 919-829-8184   |
|         | Damage | DAMAGE REPORTING LINE | 800-247-2020x3 |
| CPL40*  | Field  | DISPATCH              | 800-778-9140   |

|        |        |                               |              |
|--------|--------|-------------------------------|--------------|
|        | Damage | DUKE ENERGY REPRESENTATIVE    | 800-452-2777 |
| CUB01  | Field  | FIBER PROTECTION DEPARTMENT   | 888-581-0811 |
|        | Damage | NETWORK OPERATIONS CENTER     | 888-581-0811 |
| GOL01  | Field  | RONNIE COLEY                  | 919-750-0219 |
|        | Damage | DON MCMULLEN                  | 919-750-1257 |
| TWC02* | Field  | DISPATCH                      | 800-778-9140 |
|        | Damage | CAROLINAS REGIONAL OPERATIONS | 855-272-2862 |
| WYN01  | Field  | FIELD CONTACT                 | 919-731-2310 |
|        | Damage | MATTHEW WAGNER                | 919-734-3647 |

If any damage involves a release of product or injury, please call 911 before contacting the owner.

View map at:

[https://newtin.nc811.org/newtinweb/map\\_tkt.nap?TRG=EEDrDm9q2wsyr0z-o](https://newtin.nc811.org/newtinweb/map_tkt.nap?TRG=EEDrDm9q2wsyr0z-o)

Water, sewer and storm drain lines are marked within the right of way or to the meter, and not on private property. Lines from the right of way or meter to the residence or business are private lines and you will need to contact a private line locator to have these lines located. Member facility owners are not responsible for marking private lines. For a listing of private line locators, please visit our website, [www.nc811.org](http://www.nc811.org). You must contact any non-member facility owners not listed on your location request directly to request their facilities to be located and marked.

Per statute, excavators must check electronic positive response prior to digging.

For more information click here: <https://nc811.org/positive-response/>

## Randy H. Cavallier

---

**From:** North Carolina 811 <automated@nc811.org>  
**Sent:** Friday, December 20, 2024 9:46 AM  
**To:** Randy H. Cavallier  
**Subject:** [EXTERNAL] NCOC EMLCFM 2024/12/20 #03193 C243550617-00C NORM NEW LR

EMLCFM 03193 NCOCc 12/20/24 09:46:06 C243550617-00C NORM NEW GRID LR

North Carolina 811

Ticket : C243550617 Date: 12/20/24 Time: 09:44 Oper: BLM Chan:999  
 Old Tkt: C243550617 Date: 12/20/24 Time: 09:45 Oper: BLM Rev :00C

State: NC Cnty: WAYNE Place: GOLDSBORO In/Out: B  
 Subdivision: BSN: VACANT BUSINESS

Address : 2502  
 Street : HWY13 Intersection: N  
 Cross 1 : HOOD SWAMP RD  
 Location: LOCATE BY 11:59 PM ON 12/30/2024  
 DISTANCE FROM CROSS STREET IS: AT THE INTERSECTION LOCATE THE ENTIRE  
 PROPERTY

HWY13 N  
 :  
 Grids : 3524C7753A 3524D7753A

Work type: REMOVING UG STORAGE TANKS  
 Work date: 01/08/25 Time: 00:00 Hours notice: 192/192 Priority: NORM  
 Ug/Oh/Both: U Blasting: N Boring: N Railroad: N Emergency: N  
 Duration: 2 DAYS Done for: NCDOT

Company : ECS SOUTHEAST Type: CONT  
 Co addr : 4811 KOGER BLVD  
 City : GREENSBORO State: NC Zip: 27407  
 Caller : RANDY CAVALLIER Phone: 336-362-5692  
 Contact : SAME Phone:  
 BestTime:  
 Email : rcavallier@ecslimited.com

Submitted date: 12/20/24 Time: 09:45  
 Good thru date: 01/16/25 Time: 23:59 Update on date: 01/13/25 Time: 23:59  
 Members: Op ID:  
 ATT322\* = ATT/D (DISTRIBUTION) ATT/D  
 CLS01 =USIC LOCATING SERVICES INC (not available)  
 CPL40\* = DUKE ENERGY DUKE  
 CSR02 = WTR/SWR/STR DRAIN ONLY LOCATE TO METER (not available)  
 CUB01 = CONTERRA ULTRA BROADBAND (not available)  
 GOL01 = CITY OF GOLDSBORO (not available)  
 TWC02\* = CHARTER COMMUNICATIONS (not available)  
 WYN01 = WAYNE WATER DISTRICTS (not available)

| Member  | Type   | Contact               | Phone          |
|---------|--------|-----------------------|----------------|
| ATT322* | Field  | 1 - DISPATCH          | 800-778-9140   |
|         | Field  | 2 - DOUG HAYES II     | 919-829-8184   |
|         | Damage | DAMAGE REPORTING LINE | 800-247-2020x3 |

|        |        |                               |              |
|--------|--------|-------------------------------|--------------|
| CPL40* | Field  | DISPATCH                      | 800-778-9140 |
|        | Damage | DUKE ENERGY REPRESENTATIVE    | 800-452-2777 |
| CUB01  | Field  | FIBER PROTECTION DEPARTMENT   | 888-581-0811 |
|        | Damage | NETWORK OPERATIONS CENTER     | 888-581-0811 |
| GOL01  | Field  | RONNIE COLEY                  | 919-750-0219 |
|        | Damage | DON MCMULLEN                  | 919-750-1257 |
| TWC02* | Field  | DISPATCH                      | 800-778-9140 |
|        | Damage | CAROLINAS REGIONAL OPERATIONS | 855-272-2862 |
| WYN01  | Field  | FIELD CONTACT                 | 919-731-2310 |
|        | Damage | MATTHEW WAGNER                | 919-734-3647 |

If any damage involves a release of product or injury, please call 911 before contacting the owner.

View map at:

[https://newtin.nc811.org/newtinweb/map\\_tkt.nap?TRG=2FiIjGkEfJZORNc-A](https://newtin.nc811.org/newtinweb/map_tkt.nap?TRG=2FiIjGkEfJZORNc-A)

Water, sewer and storm drain lines are marked within the right of way or to the meter, and not on private property. Lines from the right of way or meter to the residence or business are private lines and you will need to contact a private line locator to have these lines located. Member facility owners are not responsible for marking private lines. For a listing of private line locators, please visit our website, [www.nc811.org](http://www.nc811.org). You must contact any non-member facility owners not listed on your location request directly to request their facilities to be located and marked.

Per statute, excavators must check electronic positive response prior to digging.

For more information click here: <https://nc811.org/positive-response/>

## **APPENDIX C**

### **Liquids and UST Disposal Documentation**



1703 Vargrave Street  
Winston-Salem, NC 27107  
ph 336-725-5844  
fax 336-725-6244

## TANK DISPOSAL CERTIFICATE

Tank Owner: Pan Smith via NCDOT

Site Address: 2394 Berkeley Blvd.  
Goldsboro, NC

### Description of Tanks:

| <u>Tank Number</u> | <u>Size of Tank</u> | <u>Contents</u> |
|--------------------|---------------------|-----------------|
| 1                  | 6,000 Gallons       | Gasoline        |
| 2                  | 6,000 Gallons       | Gasoline        |

Transporter: Evo Corporation

EC Project #: 012514

### Disposal Certification:

Evo Corporation does hereby certify that the above named storage tanks were transported to Foss Recycling, 3459 Thomasville Road, Winston-Salem, NC for proper disposal and recycling.

A handwritten signature in black ink that reads "Thomas W. Hammett".

Signature

Thomas W. Hammett  
CEO  
Evo Corporation



1703 Vargrave Street  
Winston-Salem, NC 27107  
ph 336-725-5844  
fax 336-725-6244

---

## CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 11,525 gallons of non-hazardous water received on 1/13 and 1/14/2025 from:

Generator: Pam Smith via NCDOT

Originating at: 2399 Berkeley Blvd.  
Goldsboro, NC

EC Waste ID #: 012514

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environmental Quality.

A handwritten signature in black ink that reads "Thomas W. Hammett". It is written in a cursive style with a long, sweeping "e" in "Hammett".

Signature

Thomas W. Hammett  
CEO  
Evo Corporation

---

**EVO CORPORATION**

1703 Vargrave Street, Winston-Salem, NC 27107

www.evocorp.net

**NON-HAZARDOUS MATERIALS MANIFEST**

Load #

Manifest No. 20162

**GENERATOR INFORMATION**Generator: Pam Smith via NCDOTPhone: 919-707-6871Site Address: 2394 Berkeley BlvdCity/State: Goldsboro, NCContact: Craig Haden**MATERIAL DESCRIPTION / QUANTITY / WEIGHT**

Gross Weight (lbs): \_\_\_\_\_

Material: Product Water *JTK*

Empty Weight (lbs): \_\_\_\_\_

Contaminant: Petroleum

Net Weight (lbs): \_\_\_\_\_

Quantity

5595 GalTons Drums Pails Sacs Yards Other: 6 Gal**TRANSPORTER INFORMATION**Transporter: Evo CorporationPhone: 336-725-5844Truck #: 222 - 349Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 1-14-25**FACILITY INFORMATION****Evo Corporation**Evo Project #: 012514**1703 Vargrave Street**Phone: 336-725-5844**Winston-Salem NC 27107**Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 1/14/25

White/Facility

Canary/Invoice

Pink/Carrier

# EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107

www.evocorp.net

## NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 20154

### GENERATOR INFORMATION

Generator: Pam Smith via NCDOTPhone: 919-707-6871Site Address: 2394 Berkeley BlvdCity/State: Goldsboro, NCContact: Craig Haden

### MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): \_\_\_\_\_

Material: Product Notes JT8

Empty Weight (lbs): \_\_\_\_\_

Contaminant: Petroleum

Net Weight (lbs): \_\_\_\_\_

Quantity

2250

Tons Drums Pails Sacs Yards Other: gallons

### TRANSPORTER INFORMATION

Transporter: Evo CorporationPhone: 336-725-5844Truck #: 419Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Lei MyerDate: 1-13-24

### FACILITY INFORMATION

**Evo Corporation**

Evo Project #: 012514

**1703 Vargrave Street**

Phone: 336-725-5844

**Winston-Salem NC 27107**

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: MBDDate: 1/13/24

White/Facility

Canary/Invoice

Pink/Carrier

**EVO CORPORATION**

1703 Vargrave Street, Winston-Salem, NC 27107

www.evocorp.net

**NON-HAZARDOUS MATERIALS MANIFEST**

Load #

Manifest No. 20161

**GENERATOR INFORMATION**Generator: Pam Smith via NCDOTPhone: 919-707-6871Site Address: 2394 Berkeley BlvdCity/State: Goldsboro, NCContact: Craig Haden**MATERIAL DESCRIPTION / QUANTITY / WEIGHT**

Gross Weight (lbs): \_\_\_\_\_

Material: Product Water *JPK*

Empty Weight (lbs): \_\_\_\_\_

Contaminant: Petroleum

Net Weight (lbs): \_\_\_\_\_

Quantity

3680Tons      Drums      Pails      Sacs      Yards      Other: gallons**TRANSPORTER INFORMATION**Transporter: Evo CorporationPhone: 336-725-5844Truck #: 224/343Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: T. L. MyerDate: 01-14-25**FACILITY INFORMATION****Evo Corporation**Evo Project #: 012514**1703 Vargrave Street**Phone: 336-725-5844**Winston-Salem NC 27107**Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: M. D. D.Date: 1/14/25

White/Facility

Canary/Invoice

Pink/Carrier

## **APPENDIX D**

### **Site Photographs**



Photo 1 – View of the initial site conditions in the vicinity of the UST facing northeast on 1/13/2025.



Photo 2 – View of the initial site conditions in the vicinity of the UST facing north on 1/13/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 3 – View of the top of UST 1 exposed using a tracked excavator on 1/13/2025.



Photo 4 – View of the top of UST 1 exposed further using a tracked excavator on 1/13/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 5 – View of the residual petroleum-contact liquids observed within UST 1 on 1/13/2025.



Photo 6 – View of the initial removal of liquids from within UST 1 using a vacuum truck on 1/13/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 7 – View of the removal of liquids from within UST 1 using a vacuum tanker truck on 1/14/2025.



Photo 8 – View of the removal of liquids from within UST 2 using a vacuum tanker truck on 1/14/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 9 – View of the filling UST 1 with dry ice prior to its removal.



Photo 10 – View of the filling UST 2 with dry ice prior to its removal.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 11 – View of the removal of UST 1 from its basin on 1/14/2025.



Photo 12 – View of the groundwater observed within the basin following removal of UST-1 on 1/14/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 13 – View of the UST 1 loaded on to a flat bed trailer on 1/14/2025.



Photo 14 – View of the removal of UST 2 from its basin on 1/14/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 15 – View of the groundwater observed within the UST basin following removal on 1/14/2025.



Photo 16 – View of UST-2 being loaded on to a flat bed trailer on 1/14/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 17 – View of UST 1 and 2 loaded and being secured to the flat bed trailer on 1/14/2025.



Photo 18 – View of the UST 1 and 2 loaded, secured, and ready for transport off site for disposal on 1/14/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 19 – View of the imported 57 stone placed in the bottom of the excavation to bridge over the groundwater.



Photo 20 – View of the backfilling procedure using the stockpiled overburden material on 1/14/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760



Photo 21 – View of the backfilling activities completed with imported material to replace the tank volume on 1/15/2025.



Photo 22 – View of the imported ABC stone using to cap the excavation on 1/15/2025.

**SITE PHOTOGRAPHS**



Parcel 092 – Pamela Kay Peele Smith  
2394 N. US Hwy 13  
Goldsboro, North Carolina

ECS Project Number: 49-24760

**APPENDIX E**  
**Laboratory Analytical Report with Chain of Custody**  
**Documentation**



## Hydrocarbon Analysis Results

**Client:** ECS SOUTHEAST, LLC  
**Address:** 6714 NETHERLANDS DR  
 WILMINGTON, NC

**Samples taken**  
**Samples extracted**  
**Samples analysed**

Tuesday, January 14, 2025  
 Tuesday, January 14, 2025  
 Friday, January 17, 2025

**Contact:** SAMANTHA SZAKASITS

**Operator**  
 COBY CLAYTON

**Project:** NCDOT GOLDSBORO - PARCEL92

| T03308 |            |               |                |                |                 |                |                           |             |        |         | HC Fingerprint Match |         |                                |
|--------|------------|---------------|----------------|----------------|-----------------|----------------|---------------------------|-------------|--------|---------|----------------------|---------|--------------------------------|
| Matrix | Sample ID  | Dilution used | BTEX (C6 - C9) | GRO (C5 - C10) | DRO (C10 - C35) | TPH (C5 - C35) | Total Aromatics (C10-C35) | 16 EPA PAHs | BaP    | Ratios  |                      |         |                                |
|        |            |               |                |                |                 |                |                           |             |        | % light | % mid                | % heavy |                                |
| s      | EX-W1 (5') | 22.4          | <0.56          | <0.56          | 0.8             | 0.8            | 0.77                      | <0.18       | <0.022 | 0       | 61.9                 | 38.1    | Residual HC,(BO),(P)           |
| s      | EX-W2 (5') | 21.3          | <0.53          | <0.53          | 0.53            | 0.53           | 0.34                      | <0.17       | <0.021 | 0       | 0                    | 100     | Residual HC,(BO),(P)           |
| s      | EX-W3 (5') | 21.0          | <0.52          | <0.52          | <0.52           | <0.52          | <0.1                      | <0.17       | <0.021 | 0       | 0                    | 0       | PHC not detected,(BO),(P)      |
| s      | EX-N1 (5') | 21.3          | <0.53          | <0.53          | <0.53           | <0.53          | <0.11                     | <0.17       | <0.021 | 0       | 0                    | 100     | Residual HC,(BO),(P)           |
| s      | EX-N2 (5') | 24.1          | <0.6           | <0.6           | 0.6             | 0.6            | 0.38                      | <0.19       | <0.024 | 0       | 0                    | 100     | Residual HC,(BO),(P)           |
| s      | EX-E1 (5') | 21.3          | <0.53          | <0.53          | <0.53           | <0.53          | <0.11                     | <0.17       | <0.021 | 0       | 0                    | 0       | PHC not detected,(BO)          |
| s      | EX-E2 (5') | 25.5          | <0.64          | <0.64          | 3.3             | 3.3            | 2.2                       | <0.2        | <0.025 | 0       | 76.1                 | 23.9    | V.Deg.PHC 76.3%,(FCM),(BO),(P) |
| s      | EX-E3 (5') | 20.6          | <0.52          | <0.52          | <0.52           | <0.52          | <0.1                      | <0.17       | <0.021 | 0       | 0                    | 100     | Residual HC,(BO),(P)           |
| s      | EX-S1 (5') | 23.6          | <0.59          | <0.59          | 0.59            | 0.59           | 0.63                      | <0.19       | <0.024 | 0       | 0                    | 100     | Residual HC,(BO),(P)           |
| s      | EX-S2 (5') | 23.2          | <0.58          | <0.58          | 0.58            | 0.58           | 0.49                      | <0.19       | <0.023 | 0       | 0                    | 100     | Residual HC,(BO),(P)           |

Initial Calibrator QC check **OK**

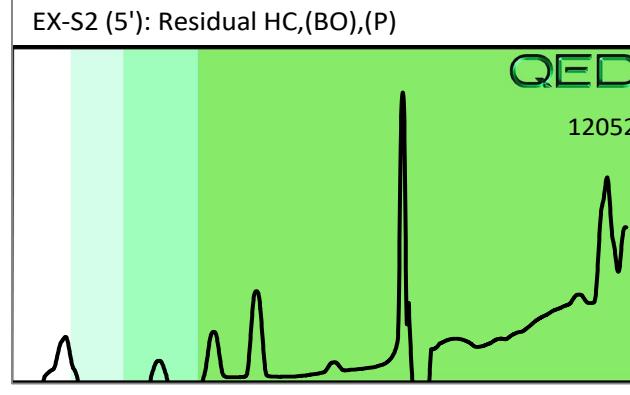
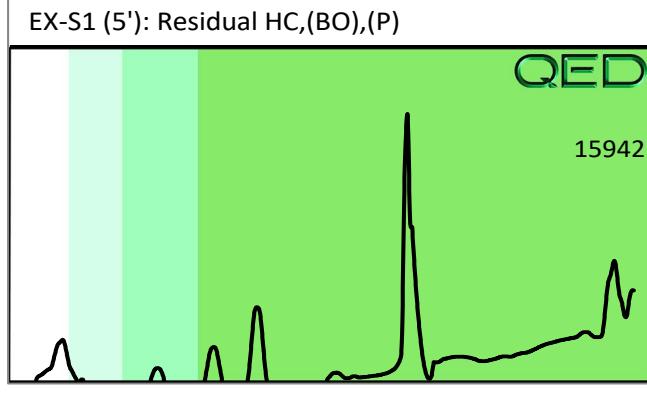
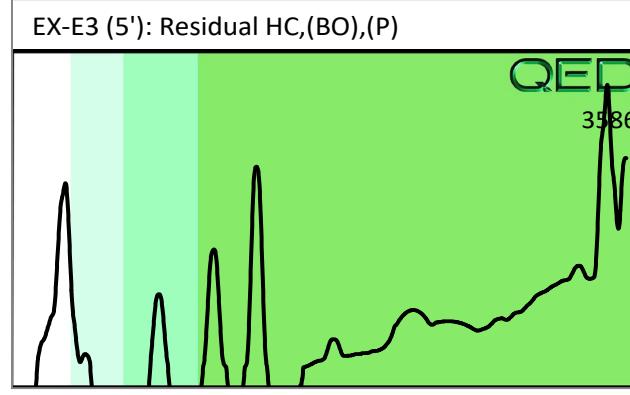
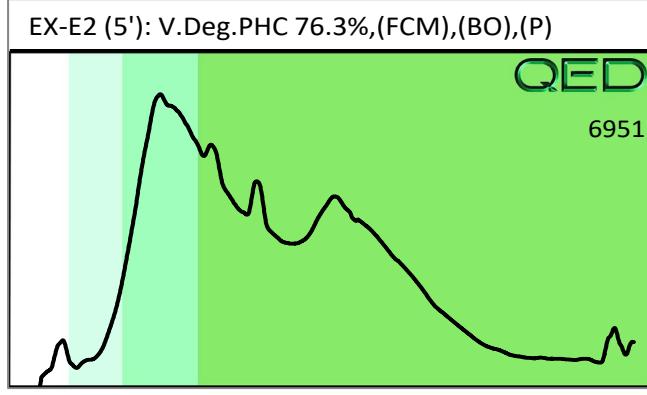
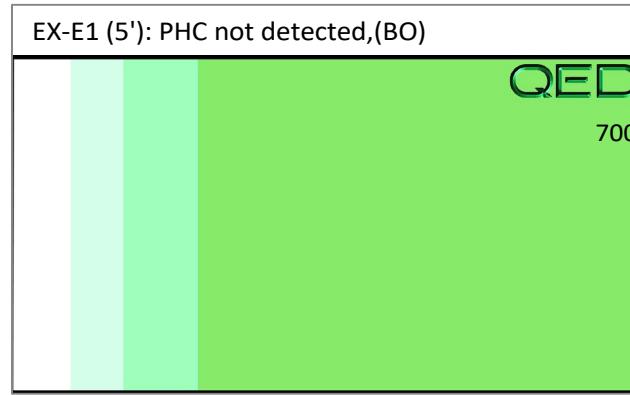
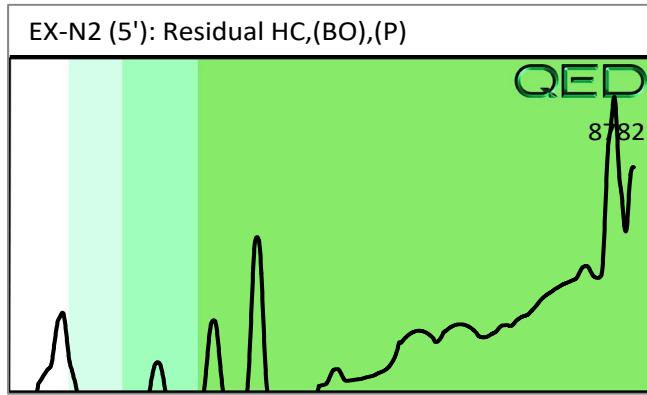
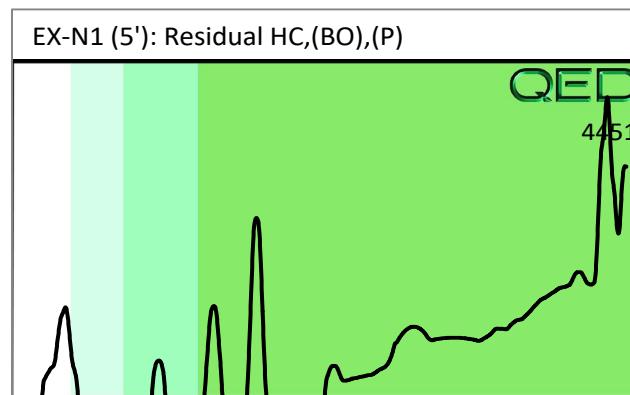
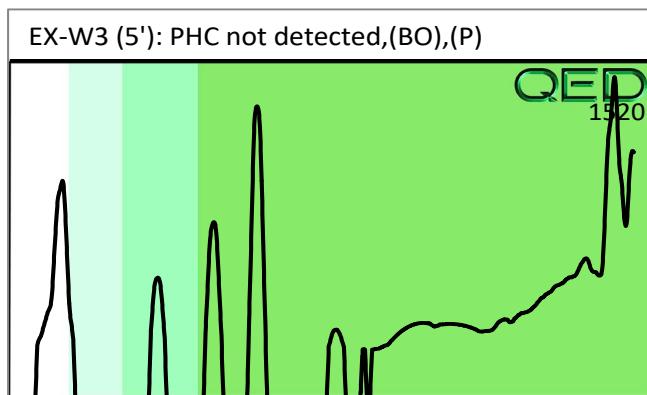
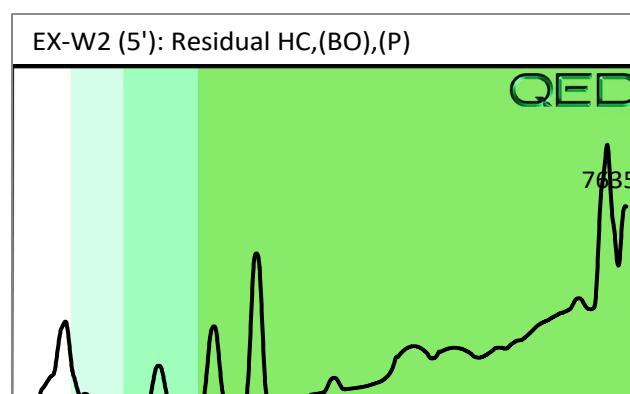
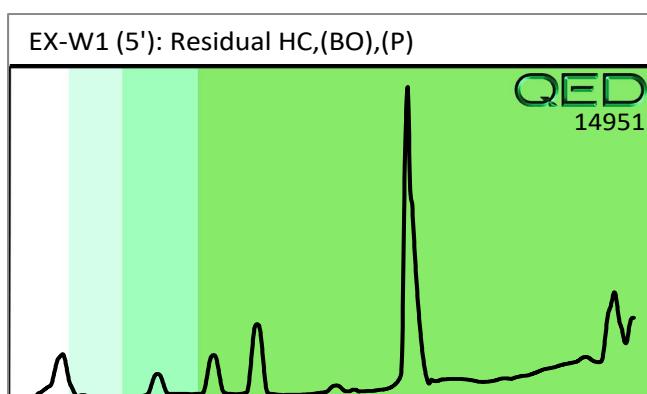
Results generated by a QED HC-1 analyser. Concentration values in mg/kg for soil samples and mg/L for water samples. Soil values are not corrected for moisture or stone content

Fingerprints provide a tentative hydrocarbon identification. The abbreviations are:- FCM = Results calculated using Fundamental Calibration Mode : % = confidence for sample fingerprint match to library (SBS) or (LBS) = Site Specific or Library Background Subtraction applied to result : (PFM) = Poor Fingerprint Match : (T) = Turbid : (P) = Particulate present

## QED Hydrocarbon Fingerprints

Project: NCDOT GOLDSBORO - PARCEL92

Friday, January 17, 2025



|               |  |
|---------------|--|
| Client Name:  | ES Southeast LLC   |
| Address:      | 6144 Netherlands Dr<br>Wilmington, NC  |
| Contact:      | Samantha Stukins   |
| Project Ref.: | NC DOT Goldsboro - Paseal 92   |
| Email:        | <a href="mailto:SamanthaStukins@es-southeast.com">SamanthaStukins@es-southeast.com</a> |
| Phone #:      | 919-616-1069   |
| Collected by: | Samantha Stukins   |

The logo for RedLab. At the top, there is handwritten text that appears to read "PO# 2470024760-92". Below this, the word "REDLAB" is written in a large, bold, sans-serif font. The "R" and "E" are in red, while "D", "L", "A", and "B" are in black. A small upward-pointing triangle is located at the bottom right of the "B". At the bottom, the words "RAPID ENVIRONMENTAL DIAGNOSTICS" are written in a smaller, bold, sans-serif font.

## CHAIN OF CUSTODY AND ANALYTICAL REQUEST FORM

**COMMENTS/REQUESTS:**

INVOICE TO ECS-49@ECSLIMITED.COM

## TARGET GC/UVF ANALYTES

TPH

~~Relinquished by~~

1/19/2024

Accepted by

Date/Tim

→ Beliebtesten hervor

—

---

Accepted by

Date/Tim

RED Lab USE ONLY

10

Ref. N