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UNDERGROUND STORAGE TANK CLOSURE REPORT

R-2511 PARCEL 65
U.S. 17 NORTH OF NC 171 TO MULTI-LANES SOUTH OF WILLIAMSTON
8889 U.S. HIGHWAY 17 NORTH
BEAUFORT COUNTY, NORTH CAROLINA
WBS NUMBER 35494.1.1
TIP NUMBER R-2511
NCDOT PARCEL NO. 65
BEAUFORT COUNTY PIN 5770-06-4184

AUGUST 24, 2021

PREPARED FOR

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
GEOENVIRONMENTAL SECTION
RALEIGH, NORTH CAROLINA

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Senior Peer Review

NORTH CAROLINA LICENSED SEAL 2675 GEOLOGIST JAMES HARRISON CARTER II

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Project Scientist

EXECUTIVE SUMMARY

R-2511 Parcel 65 (Site) is located at 8889 U.S Highway 17 (U.S. 17) north of Washington in Beaufort County, North Carolina. The Site was previously developed with a gas station which had been converted into a residence, but was demolished as of the time of the field activities detailed in this report. The North Carolina Department of Transportation (NCDOT) plans to widen the two-lane portion of U.S. 17 between Washington and Williamston, North Carolina. Four underground storage tanks (USTs) were located on this property.

In 2019, Duncklee & Dunham performed a *Revised Preliminary Site Assessment Report* (PSA), which included a geophysical survey to locate the four USTs. Three of the USTs served the gasoline station pumps, which were located to the east of the former structure, and the fourth UST was a heating oil UST located to the west of the former structure.

SynTerra mobilized to the Site with Hazmat Emergency Response and Remediation, Inc. (HERR) on June 28, 2021, to close the UST system. HERR removed a concrete pad and the four USTs, loaded them onto dump trucks, and transported them to EJE Recycling and Disposal Inc. for disposal. HERR also recovered 405 gallons of water from the three gas station USTs by vacuum truck, and transported it to their own facility for disposal. Based on the results of the *Revised Preliminary Site Assessment Report* and field soil screening, it was determined that soil surrounding the tanks was not affected, so excavated soil along with additional fill soil was used to backfill the excavation.

SynTerra collected samples of groundwater pooled in the excavations for both the gas station USTs and the heating oil UST. The sample collected from the heating oil UST excavation contained several constituents that were detected at concentrations greater than North Carolina groundwater standards. The sample from the gas station UST excavation contained several analytes detected at concentrations greater than method detection limits, but none of the reported concentrations were greater than North Carolina groundwater standards. However, a groundwater sample collected during the 2019 PSA adjacent to the gas station USTs did contain analytes with concentrations greater than North Carolina groundwater standards.

TABLE OF CONTENTS

SECTION **PAGE**

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

LIST OF ACRONYMS AND ABBREVIATIONS

02L standard	North Carolina Administrative Code, Title 15A, Subchapter 02L, Groundwater Standards and Classifications
bgs	below ground surface
DRO	diesel range organics
GRO	gasoline range organics
HERR	Hazmat Emergency Response and Remediation, Inc.
MADEP-EPH	Massachusetts Department of Environmental Protection Extractable Hydrocarbons
MADEP-VPH	Massachusetts Department of Environmental Protection Volatile Hydrocarbons
MDL	method detection limit
mg/kg	milligrams per killogram
NCDEQ	North Carolina Department of Environmental Quality
PID	photoionization detector
ppm	parts per million
PSA	Preliminary Site Assessment
Site	8889 U.S. 17 North, Washington NC, Parcel 65
TPH	total petroleum hydrocarbons
USEPA	U.S. Environmental Protection Agency
UST	underground storage tank

A. SITE INFORMATION

1. Site Identification

Date of Report: August 24, 2021

Facility I.D.: None, Unregistered USTs Incident Number: Not Applicable (N/A)

Site Name: Parcel 65 UST Closure

Site Location: 8889 U.S. Highway 17 North

Nearest City/Town: Washington Zip Code: 27889 County: Beaufort

2. Contact Information

UST Owner: Durwood Kirby Wynne Sr.
Address: 8889 U.S. 17 North, Washington, NC 27889 Phone: Unknown

UST Operator: Wynn Gulf
Address: 8889 U.S. 17 North, Washington, NC 27889 Phone: Unknown

Property Owner: Durwood Kirby Wynne Sr.
Address: 8889 U.S. 17 North, Washington, NC 27889 Phone: Unknown

Property Occupant: Vacant
Address: N/A Phone: N/A

Consultant/Contractor: SynTerra Corporation
Address: 511 Keisler Drive, Suite 102; Cary, NC 27518 Phone: (919) 858-9898

Analytical Laboratory: Waypoint Analytical Carolinas, Inc.
State Cert. No: 404 and 37735
Address: 449 Springbrook Road, Charlotte, NC 28217 Phone: (704) 529-6364

3. Release Information

Date Discovered: April 26, 2019

Latitude: 33.6751° Longitude: -77.0784°

Estimate Quantity of Release: Unknown

Cause of Release: Unknown

Source of Release (Dispenser/Piping/UST): Rusted/perforated heating oil UST, hole in one or more gas station USTs

Sizes and contents of UST system(s) from which the release occurred: Three approximately 575-gallon USTs for gas station and one approximately 200-gallon heating oil UST

B. SITE HISTORY AND CHARACTERIZATION

1. UST Owner and Operator

The Notice of Intent (Form UST-3) is included in **Appendix A**. The owner and operator is believed to have been Durwood K. Wynne, Sr.; however, there are no known facility identifications or incidents on file with the North Carolina Department of Environmental Quality (NCDEQ) underground storage tank (UST) section.

2. UST information

UST information is shown in **Table 1**. The USTs were not registered with NCDEQ. The three USTs on the eastern portion of the property, approximately 575 gallons each, were used previously to store and supply petroleum products to a dispensing island formerly located directly above the tanks. The fourth UST, located to the west of the former structure, was used to store heating oil. The heating oil UST had a capacity of approximately 200 gallons (**Table 1**).

3. Non-UST Information

SynTerra did not identify pertinent non-UST information related to the Site.

4. Description of Release

Duncklee & Dunham performed a Preliminary Site Assessment (PSA) at the Site on behalf of the North Carolina Department of Transportation (NCDOT) in April 2019. The release was confirmed when Pace Analytical reported groundwater results on April 26, 2019. SynTerra prepared a Revised PSA report dated June 14, 2019. A groundwater sample collected adjacent to and west of the three gas station USTs exhibited concentrations of naphthalene, 1,2,4 trimethylbenzene, 1,3,5 trimethylbenzene, C5-C8 aliphatics, C9-C12 aliphatics, and C8-C10 aromatics greater than applicable North Carolina groundwater quality standards promulgated in Title 15A, Subchapter 02L, Section .0202 of the North Carolina Administrative Code (02L standards).

Duncklee & Dunham also screened soil from soil borings surrounding the gas station USTs and the heating oil UST with a photoionization detector (PID). PID readings ranged from 0.0 parts per million (ppm) to 363 ppm. A sample of the soil at B-6, the location of the greatest PID reading, was collected for total petroleum hydrocarbons (TPH) diesel range organics (DRO) and TPH gasoline range organics (GRO). A TPH DRO concentration of 1.9 milligrams per kilogram (mg/kg) was detected; however, this concentration is less than the NCDEQ action level of 100 mg/kg. TPH GRO was not detected at concentrations greater than laboratory reporting limits. Duncklee &

Dunham encountered groundwater at approximately 4 feet below ground surface (bgs) during this investigation.

5. Site Characteristics

The Site is located at 8889 U.S. Highway 17 North, Washington, in Beaufort County, North Carolina. The Site was previously developed with a gasoline station that had been converted into a residence and a wood-framed storage shed/garage. The residence and storage shed have been demolished. NCDOT plans to widen U.S. Highway 17, including a bucket-handle turn lane at the location of this property. Overhead power lines are near the location of the three USTs on the eastern part of the Site. The majority of the surrounding properties are residential, agricultural, or undeveloped land. **Figure 1** shows the Site location, and **Figure 2** shows Site details.

The *Geologic Map of North Carolina*, published in 1985 by the North Carolina Department of Natural Resources and Community Development, shows the Site is located in the Coastal Plain Physiographic Province, and is underlain by the Yorktown formation, which is comprised of fossiliferous clay and other marine sediments. Site topography slopes gently to the northwest toward Gum Swamp.

C. CLOSURE PROCEDURE

NCDOT contracted with SynTerra to close the four USTs by removal. SynTerra contracted with Hazmat Emergency Response and Remediation, Inc. (HERR) to aid in the closure of the USTs. Synterra notified North Carolina 811 in preparation for excavation.

SynTerra mobilized to the Site with HERR on July 28, 2021, to close the USTs by removal. The three gas station USTs were reported to have been abandoned-in-place by filling with concrete. However, an inspection of the tanks indicated that the tanks were only partially filled with concrete with several feet of headspace in each tank and 2 to 5 inches of liquid present. HERR used a vacuum truck to recover as much liquid as possible from the tanks.

Beaufort County Fire Marshall Curtis Avery was on-Site to oversee that the tanks were made inert before removal. Mr. Avery determined the presence of flammable atmosphere with an explosimeter, so he requested that we inert the tanks. HERR placed dry ice in the tanks which was allowed to sublimate until the explosimeter readings fell below the lower explosive limit. After the readings fell below the lower explosive limit, Mr. Avery approved excavation operations.

HERR used an excavator to remove the concrete slab from above the three gas station USTs, excavate the soil from above the three tanks, and remove the tanks from the ground. The three tanks were relatively intact. While excavating, the northernmost tank was punctured, and additional water that had been trapped between the concrete and the wall of the tank drained out into the excavation. HERR recovered this water using their vacuum truck. HERR used the excavator to open the tanks and used a mini-excavator with a hammer attachment to break and remove the concrete from within. HERR also removed approximately 10 feet of associated piping. After the tanks had been removed, SynTerra observed groundwater flowing into the excavation. The excavation for the gas station USTs measured 20 feet long, 13 feet wide, and 5 feet deep.

After being unable to locate the heating oil UST using probe rod and shovel, HERR began attempting to locate it by exploratory digging with the excavator. When the excavator bucket contacted the tank, the tank collapsed due to its degraded state and the water inside the tank drained into the excavated hole. The metal was severely rusted and perforated. It appeared that groundwater in this area was approximately 1.5 feet bgs at this location, and that the water inside the tank was effectively part of the water table. The excavation for the heating oil tank was approximately 3 feet wide by 4 feet long by 3 feet deep. **Figure 3** shows the UST locations and the extents of excavation. Photographs of the excavation activities are included in **Appendix F**.

HERR loaded the concrete, empty tanks and piping onto dump trucks for disposal at EJE Recycling & Disposal in Greenville, North Carolina. HERR disposed of the 405 gallons of liquid recovered by their vacuum truck at their own facility in Whiteville, North Carolina. Certificate of UST Disposal is included in **Appendix B** and disposal manifests are included in **Appendix C**.

During the 2019 PSA, it was determined that the excavated material was unaffected; therefore, HERR backfilled the excavation with that material after tank removal. HERR performed the backfill in 18-inch lifts, compacting each lift with the excavator bucket. Approximately 15 tons of additional soil were obtained from Pea Creek Mine, LLC of Greenville, North Carolina to complete the backfill.

D. SITE INVESTIGATION

SynTerra collected soil from each wall of the excavations and stored the soil in closed polyethylene bags. After approximately 15 minutes, the headspace of the bags was screened using a photoionization detector (PID). PID readings of the excavation walls

ranged from 1.2 ppm to 11.4 ppm at the gas station USTs, and 0.0 ppm to 2.0 ppm at the heating oil UST (**Table 2**). Eastern Solutions calibrated the PID before the field activities. SynTerra did not observe staining or petroleum odor in the excavated soil.

The soil consisted of dark brown organic soil from approximately 0-1 feet bgs followed by light brown clayey sandy silt. Groundwater in the excavation for the gas station USTs was encountered at approximately 4 feet bgs and at approximately 1.5 feet in the excavation for the heating oil UST.

SynTerra collected water grab samples from the excavations using a high density polyethylene dipper to be analyzed for:

- Volatile organic chemicals (VOCs) by method SM 6200B
- Semivolatile organic chemicals (SVOCs) by U.S. Environmental Protection Agency (USEPA) Method 625.1
- Massachusetts Department of Environmental Protection (MADEP) extractable petroleum hydrocarbons (EPH), and MADEP volatile petroleum hydrocarbons (VPH), as requested by NCDEQ.

SynTerra collected a sample (GW-1) from the gas station UST excavation at 1:00 p.m. on June 28. SynTerra collected a sample (GW-2) from the heating oil UST excavation at 4:00 p.m. on June 28. Samples were collected in laboratory-provided bottleware and stored on ice. Synterra delivered the samples to Waypoint Analytical at 1:14 p.m. on July 29 under chain-of-custody protocol.

Laboratory analytical results from GW-1 and GW-2 revealed several constituents detected at concentrations greater than method detection limits (MDLs). None of the detected analytes from GW-1 were greater than 02L standards. Of the analytes detected from GW-2, aliphatic C9-C18, aliphatic C9-C12, aromatic C11-C22, and aromatic C9-C10 were greater than 02L standards. No reported concentrations were greater than applicable North Carolina Gross Contamination Levels. A summary of detected analytes is presented on **Table 3**. The completed chain-of-custody is included as **Appendix D** and the laboratory report is included as **Appendix E.**

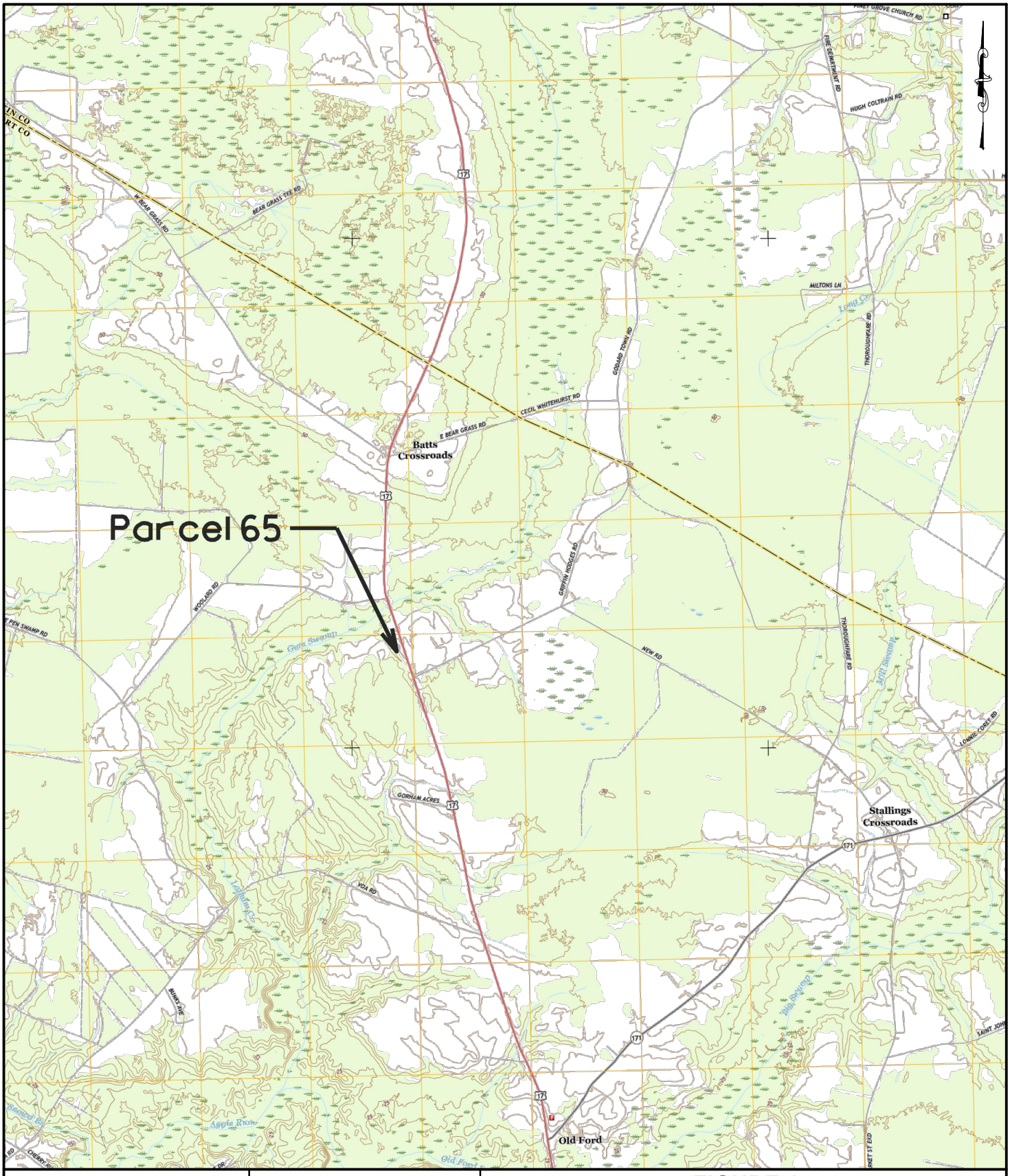
E. CONCLUSIONS AND RECOMMENDATION

Four USTs were closed, and waste materials from those tanks were transported to appropriate facilities for disposal. PID soil screening performed during those activities and the PSA in 2019, in combination with lab analysis performed as part of the PSA, does not indicate the presence of affected soil due to the USTs at this Site. However, lab analysis of water samples indicate that petroleum constituents are present in groundwater.

The PSA groundwater sample TW-1 collected adjacent to the gas station USTs contained several VOC and MADEP-EPH/VPH analytes that were greater than 02L standards. Groundwater sample GW-2 collected from the heating oil UST during the PSA contains several MADEP-EPH/VPH analytes that are greater than 02L standards.

SynTerra recommends providing this report to the UST section in the Washington Regional Office of NCDEQ.

FIGURES



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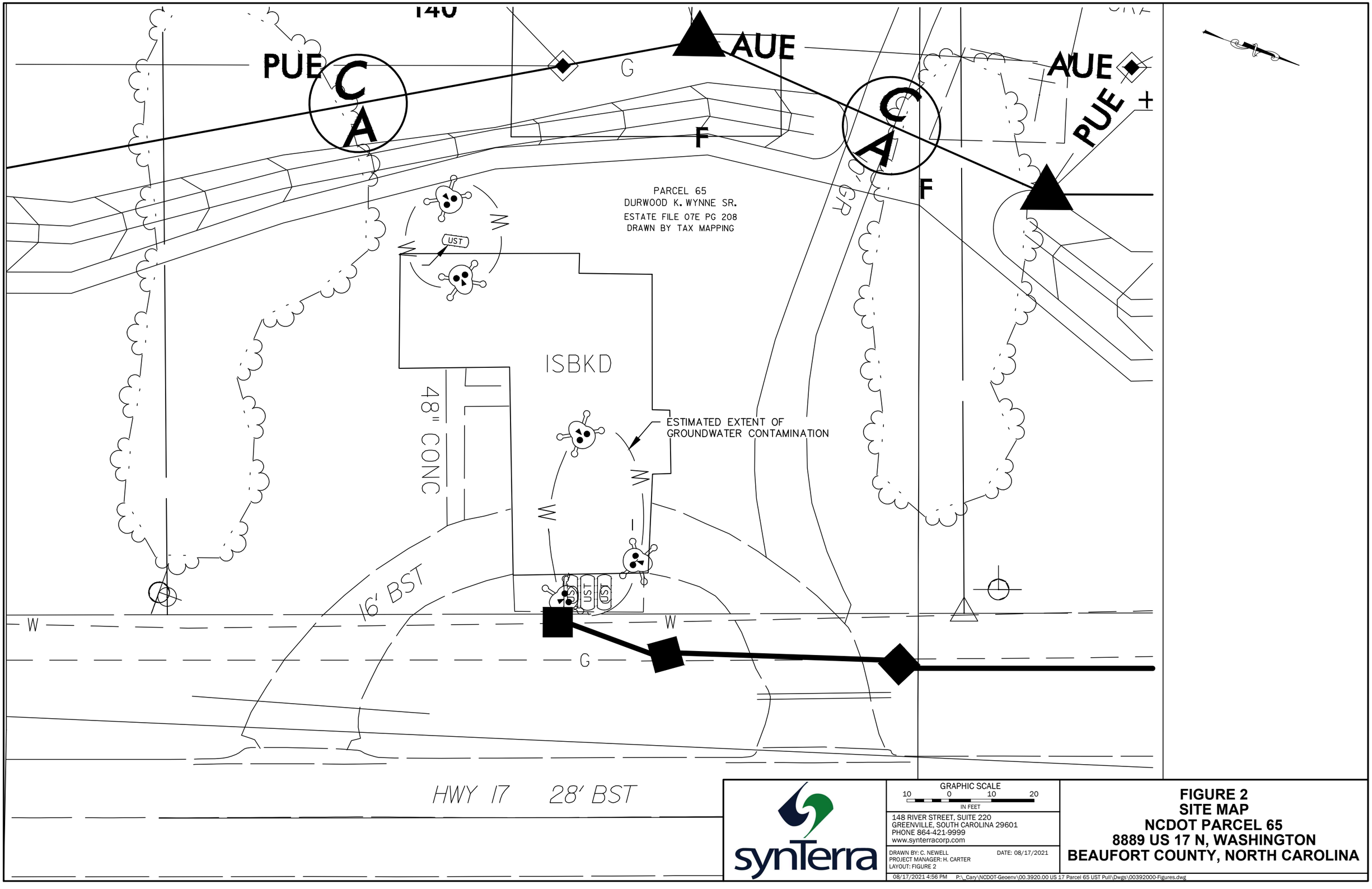
BEAUFORT COUNTY

FIGURE 1
SITE TOPOGRAPHIC MAP
NCDOT PARCEL 65
8889 US 17 N, WASHINGTON
BEAUFORT COUNTY, NORTH CAROLINA
OLD FORD NC QUADRANGLE

DRAWN BY: C. NEWELL
PROJECT MANAGER: H. CARTER
LAYOUT: FIGURE 1
DATE: 08/16/2021
CONTOUR INTERVAL: 5 FEET
MAP DATE: UNKNOWN

GRAPHIC SCALE
600 0 600 1200
IN FEET

P:_Cary\NCDOT-Geoenv\00.3920.00 US 17 Parcel 65 UST Pull\Dwgs\00392000-Figures.dwg



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GRAPHIC SCALE
10 0 10 20
IN FEET

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DRAWN BY: C. NEWELL
PROJECT MANAGER: H. CARTER
LAYOUT: FIGURE 2
DATE: 08/17/2021

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FIGURE 2
SITE MAP
NCDOT PARCEL 65
8889 US 17 N, WASHINGTON
BEAUFORT COUNTY, NORTH CAROLINA

PARCEL 65
DURWOOD K. WYNNE SR.
ESTATE FILE 07E PG 208
DRAWN BY TAX MAPPING

ESTIMATED EXTENT OF
GROUNDWATER CONTAMINATION

B-9
B-8
GW-2
B-7
B-6/TW-1
B-5
GW-1
B-4
B-3
B-2
B-1

ISBKD
48" CONC
16' BST
28' BST
HWY 17
PUE
AUE
W
G
F

LEGEND

- B-9 — SAMPLES COLLECTED FROM BORINGS DURING PREVIOUS INVESTIGATION
- GW-1 — WATER SAMPLE COLLECTED FROM EXCAVATION PIT
- AREA OF EXCAVATION

GRAPHIC SCALE
10 0 10 20
IN FEET

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DRAWN BY: C. NEWELL
PROJECT MANAGER: H. CARTER
LAYOUT: FIGURE 3
DATE: 08/17/2021

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FIGURE 3
SAMPLE LOCATION MAP
NCDOT PARCEL 65
8889 US 17 N, WASHINGTON
BEAUFORT COUNTY, NORTH CAROLINA

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 — EIP
- Computed Property Corner
- Property Monument — ECM
- Parcel/Sequence Number — 123
- Existing Fence Line
- Proposed Woven Wire Fence
- Proposed Chain Link Fence
- Proposed Barbed Wire Fence
- Existing Wetland Boundary — WLB
- Proposed Wetland Boundary — WLB
- Existing Endangered Animal Boundary — EAB
- Existing Endangered Plant Boundary — EPB
- Existing Historic Property Boundary — HPB
- Known Contamination Area: Soil — S
- Potential Contamination Area: Soil — S
- Known Contamination Area: Water — W
- Potential Contamination Area: Water — W
- 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 — JS
- Buffer Zone 1 — BZ 1
- Buffer Zone 2 — BZ 2
- Flow Arrow
- Disappearing Stream
- Spring
- Wetland
- Proposed Lateral, Tail, Head Ditch — FLOW
- False Sump

RAILROADS:
- Standard Gauge — CSX TRANSPORTATION
- RR Signal Milepost — MILEPOST 35
- Switch — SWITCH
- RR Abandoned
- RR Dismantled

RIGHT OF WAY & PROJECT CONTROL:
- Secondary Horiz and Vert Control Point
- Primary Horiz Control Point
- Primary Horiz and Vert Control Point
- Exist Permanent Easment Pin and Cap
- New Permanent Easement Pin and Cap
- Vertical Benchmark
- Existing Right of Way Marker
- Existing Right of Way Line
- New Right of Way Line — RW
- New Right of Way Line with Pin and Cap — RW
- New Right of Way Line with Concrete or Granite R/W Marker — RW
- New Control of Access Line with Concrete C/A Marker — CA
- Existing Control of Access — CA
- New Control of Access — CA
- Existing Easement Line — E
- New Temporary Construction Easement — E
- New Temporary Drainage Easement — TDE
- New Permanent Drainage Easement — PDE
- New Permanent Drainage / Utility Easement — DUE
- New Permanent Utility Easement — PUE
- New Temporary Utility Easement — TUE
- New Aerial Utility Easement — AUE

ROADS AND RELATED FEATURES:
- Existing Edge of Pavement
- Existing Curb
- Proposed Slope Stakes Cut — C
- Proposed Slope Stakes Fill — F
- Proposed Curb Ramp — CR
- 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 — Vineyard

EXISTING STRUCTURES:
MAJOR:
- Bridge, Tunnel or Box Culvert — CONC
- Bridge Wing Wall, Head Wall and End Wall — CONC WW

MINOR:
- Head and End Wall — CONC HW
- Pipe Culvert
- Footbridge
- Drainage Box: Catch Basin, DI or JB — CB
- Paved Ditch Gutter
- Storm Sewer Manhole — S
- Storm Sewer — S

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

TELEPHONE:
- Existing Telephone Pole
- Proposed Telephone Pole
- Telephone Manhole — T
- Telephone Pedestal — T
- Telephone Cell Tower
- U/G Telephone Cable Hand Hole — HH
- U/G Telephone Cable LOS B (S.U.E.*) — T
- U/G Telephone Cable LOS C (S.U.E.*) — T
- U/G Telephone Cable LOS D (S.U.E.*) — T
- U/G Telephone Conduit LOS B (S.U.E.*) — TC
- U/G Telephone Conduit LOS C (S.U.E.*) — TC
- U/G Telephone Conduit LOS D (S.U.E.*) — TC
- U/G Fiber Optics Cable LOS B (S.U.E.*) — T FO
- U/G Fiber Optics Cable LOS C (S.U.E.*) — T FO
- U/G Fiber Optics Cable LOS D (S.U.E.*) — T FO

WATER:
- Water Manhole — W
- Water Meter
- Water Valve
- Water Hydrant
- U/G Water Line LOS B (S.U.E*) — W
- U/G Water Line LOS C (S.U.E*) — W
- U/G Water Line LOS D (S.U.E*) — W
- Above Ground Water Line — A/G Water

TV:
- TV Pedestal — C
- TV Tower
- U/G TV Cable Hand Hole — HH
- U/G TV Cable LOS B (S.U.E.*) — TV
- U/G TV Cable LOS C (S.U.E.*) — TV
- U/G TV Cable LOS D (S.U.E.*) — TV
- U/G Fiber Optic Cable LOS B (S.U.E.*) — TV FO
- U/G Fiber Optic Cable LOS C (S.U.E.*) — TV FO
- U/G Fiber Optic Cable LOS D (S.U.E.*) — TV FO

GAS:
- Gas Valve
- Gas Meter
- U/G Gas Line LOS B (S.U.E.*) — G
- U/G Gas Line LOS C (S.U.E.*) — G
- U/G Gas Line LOS D (S.U.E.*) — G
- Above Ground Gas Line — A/G Gas

SANITARY SEWER:
- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- U/G Sanitary Sewer Line — SS
- Above Ground Sanitary Sewer — A/G Sanitary Sewer
- SS Forced Main Line LOS B (S.U.E.*) — FSS
- SS Forced Main Line LOS C (S.U.E.*) — FSS
- SS Forced Main Line LOS D (S.U.E.*) — FSS

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

NO SCALE

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DRAWN BY: C. NEWELL
PROJECT MANAGER: H. CARTER
LAYOUT: FIGURE 4
DATE: 08/17/2021

08/17/2021 4:57 PM P:_Cary\NCDOT-Geoenv\00.3920.00 US 17 Parcel 65 UST Pull\Dwgs\00392000-Figures.dwg

FIGURE 4
LEGEND SHEET
NCDOT PARCEL 65
8889 US 17 N, WASHINGTON
BEAUFORT COUNTY, NORTH CAROLINA

TABLES

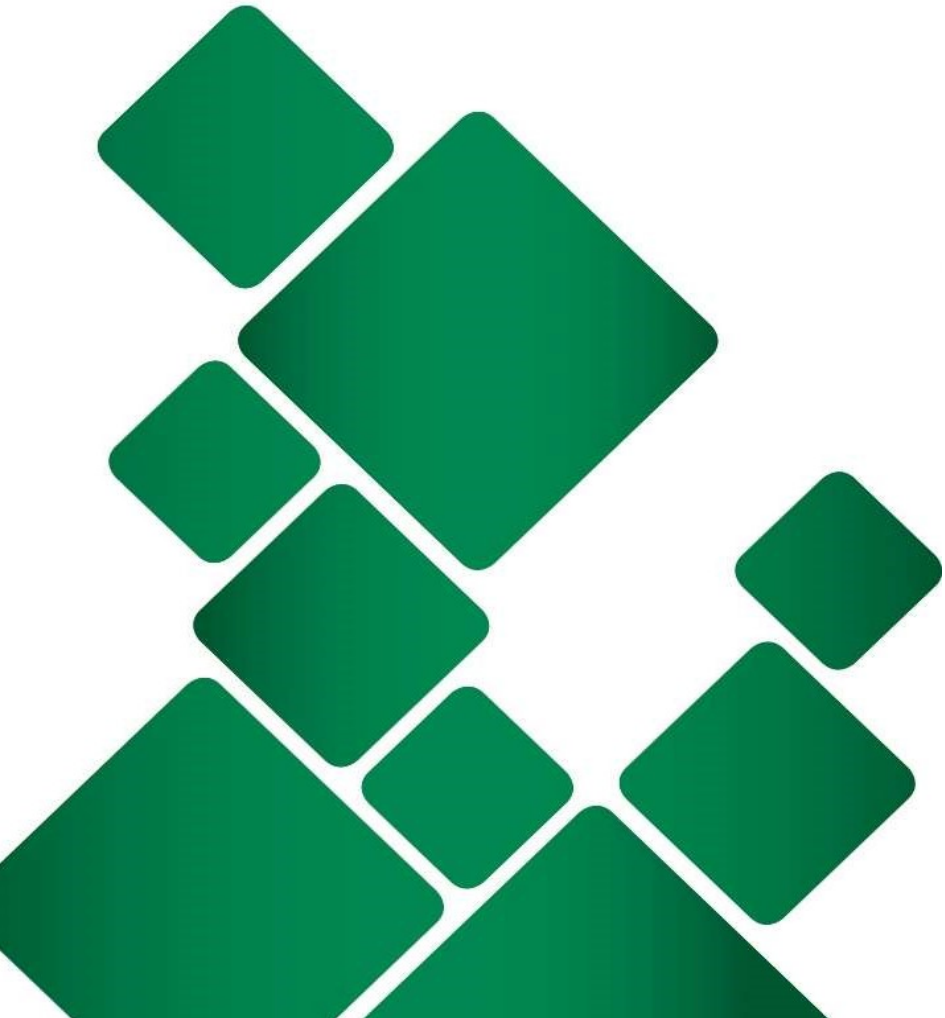

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TABLE 1
UST SYSTEM INFORMATION
NCDOT U.S. 17 NORTH PARCEL 65
BEAUFORT COUNTY, NORTH CAROLINA

UST ID Number	Current/Last Contents	Capacity (gallons)	Tank Dimensions (feet)	Date Installed	Date Closed	Construction Details	Associated Piping and Pumps	Status of UST	Was Release Associated with the UST System
NA	Petroleum	575	Length: 8' Diameter: 3.5'	Unknown	7/28/2021	Single-walled Steel	Steel Product Lines	Permanently closed by removal	Yes
NA	Petroleum	575	Length: 8' Diameter: 3.5'	Unknown	7/28/2021	Single-walled Steel	Steel Product Lines	Permanently closed by removal	Yes
NA	Petroleum	575	Length: 8' Diameter: 3.5'	Unknown	7/28/2021	Single-walled Steel	Steel Product Lines	Permanently closed by removal	Yes
NA	Heating Oil	200	Length: 4' Diameter: 3'	Unknown	7/28/2021	Single-walled Steel	Steel Product Lines	Permanently closed by removal	Yes

Created by: JAS Checked by: JHC

TABLE 2
SUMMARY OF SIDEWALL SCREENING LEVELS IN SOIL
NCDOT U.S. 17 NORTH PARCEL 65
BEAUFORT COUNTY, NORTH CAROLINA

Soil Location	Concentration (ppm)
Petroleum UST Excavation Pit	
North wall	3.4
South wall	1.2
East wall	11.4
West wall	4.1
Heating Oil UST Excavation Pit	
North wall	0.0
South wall	0.6
East wall	2.0
West wall	0.9

Created by: JAS Checked by: JHC

Notes:

SynTerra screened soils for volatile organic compounds (VOCs) using a photoionization detector (PID)

ppm - parts per million

TABLE 3
SUMMARY OF EXCAVATION PIT WATER ANALYTICAL RESULTS
NCDOT U.S. 17 NORTH PARCEL 65
BEAUFORT COUNTY, NORTH CAROLINA

Sample Identification			GW-1		GW-2	
Analyte	**02L Standard**	**Gross Contamination Levels for Groundwater**	**Value**	**Q**	**Value**	**Q**
Volatile Organic Compounds (SM 6200B)						
Acetone	6,000	6,000,000	**2.87**	J	**4.80**	J
n-Butylbenzene	70	5,900	<0.180		**1.01**	
sec-Butylbenzene	70	8,800	<0.200		**2.33**	
Ethylbenzene	600	80,000	**0.234**	J	**0.436**	J
Isopropylbenzene	70	30,500	<0.180		**1.10**	
4-Isopropyl toluene	25	11,700	<0.089		**1.59**	
Naphthalene	6	6,000	<0.470		**4.27**	
n-Propylbenzene	70	26,100	<0.190		**1.73**	
Toluene	600	260,000	**0.346**	J	<0.220	
1,2,4-Trimethylbenzene	400	28,500	**1.05**		**6.30**	
1,3,5-Trimethylbenzene	400	24,100	**0.340**	J	**2.38**	
o-Xylene	NE	NE	**0.468**	J	<0.210	
m&p-Xylene	NE	NE	**0.830**	J	<0.420	
Total Xylene	500	50,000	**1.30**	J	<0.21	
MADEP Methods (MADEP EPH & VPH)						
Aliphatic C9-C18	400 [1]	NE	<28.2		**151**	J
Aliphatic C9-C12		NE	**27.5**	J	**267**	
Aromatic C11-C22	200 [2]	NE	<61.2		**197**	J
Aromatic C9-C10		NE	<4.02		**117**	

Prepared by: JHC Checked by: BNM

Notes:

Results in µg/L.

Samples collected on 2/24/2021.

Bolded result is greater than method detection limit.

Shaded result is greater than 02L standard

02L Standard - North Carolina groundwater quality standard (15A NCAC 02L .0202).

[1] - 02L standard is for sum of aliphatic C9-C12 and C9-C18 fractions

[2] - 02L standard is for sum of aromatic C11-C22 and C9-C10 fractions

< - Analyte not detected at a concentration greater than the method detection limit.

J - Estimated value

EPH - Extractable petroleum hydrocarbons

MADEP - Massachusetts Department of Environmental Protection

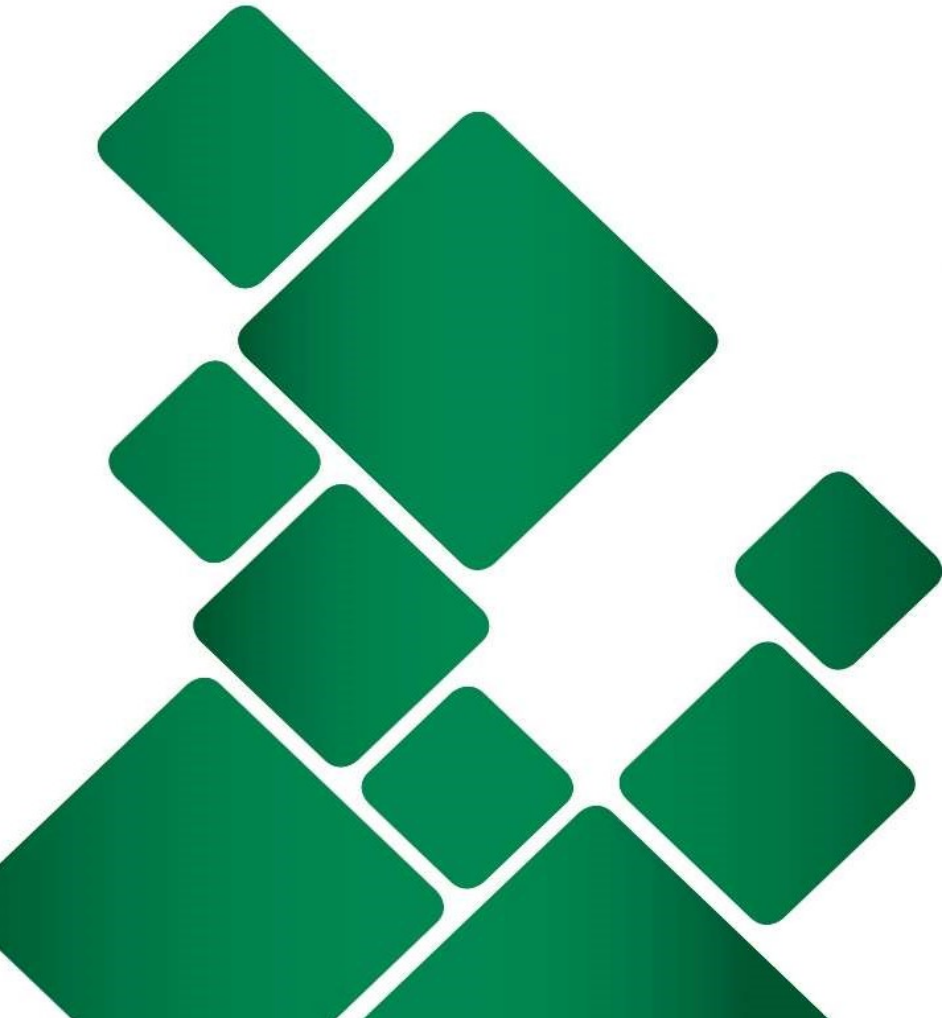
NA - Not analyzed

NE - Standard not established.

VPH - Volatile petroleum hydrocarbons

APPENDIX A

FORM UST-2B



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Science & Engineering Consultants

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): Douglas Kirby Wynne, Sr.

Street Address: 8889 U.S. 17 North

City: Washington County: Beaufort

State: NC Zip Code: 27889

Phone Number: unknown

II. LOCATION OF TANKS

Facility Name or Company: Former Wynne Gulf

Facility ID # (If known):

Street Address: 8889 U.S. 17 North

City: Washington County: Beaufort Zip Code: 27889

Phone Number: unknown

III. CONTACT PERSONNEL

Contact for Facility:		Job Title:	Phone #:
Closure Contractor Name:	Closure Contractor Company: HERR, inc	Address: Whiteville, NC	Phone # 910-640-2607
Primary Consultant Name:	Primary Consultant Company: SynTerra Corp	Address: 511 Kiesler Dr, Cary, NC	Phone # 919-858-9898

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: 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
N/A	575	gasoline	unkown	7/28/2021	REMOVED		☑	☐	☐	☑	☐	☑
N/A	575	gasoline	unknowr	7/28/2021	REMOVED		☑	☐	☐	☑	☐	☑
N/A	575	gasoline	unknowı	7/28/2021	REMOVED		☑	☐	☐	☑	☐	☑
N/A	200	heat. oil	unknowı	7/28/2021	REMOVED		☑	☐	☐	☑	☐	☑
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

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.

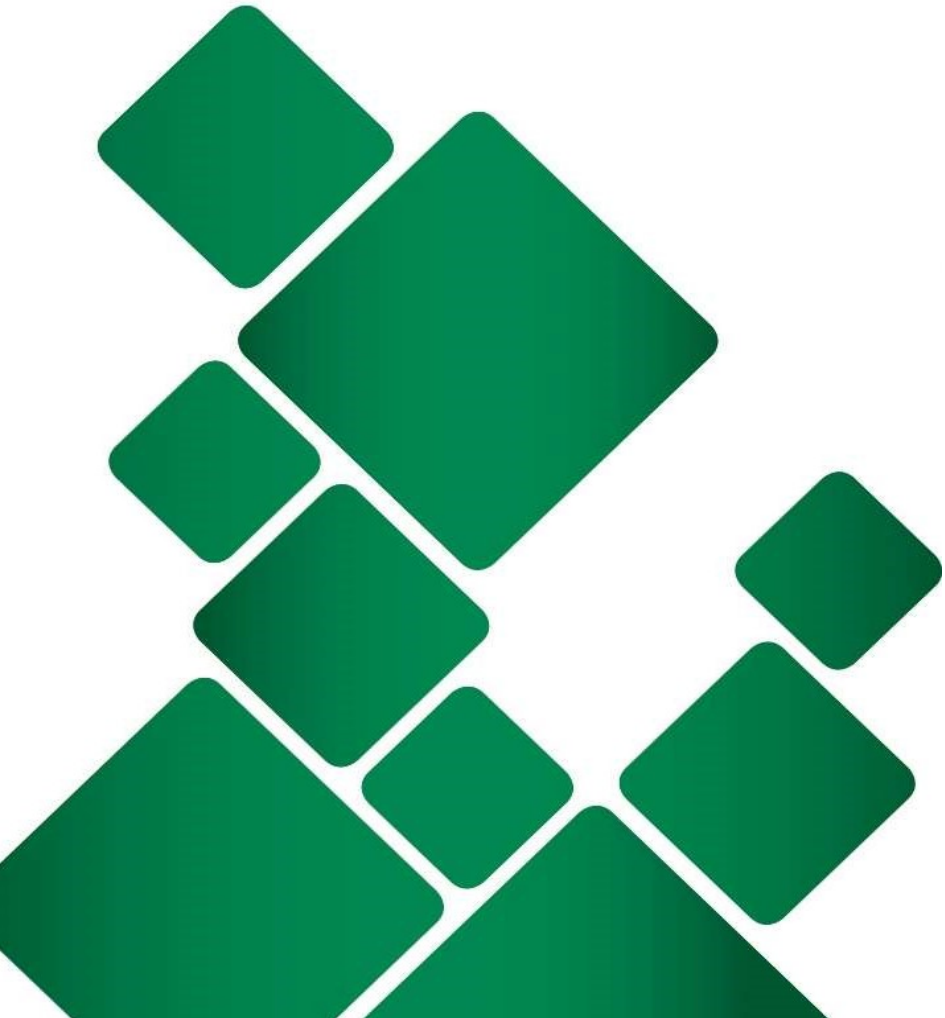
Print name and official title of owner or owner's authorized representative

Signature

Date Signed

APPENDIX B

CERTIFICATE OF UST DISPOSAL



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Science & Engineering Consultants

TANK / VESSEL DISPOSAL MANIFEST

HAZMAT EMERGENCY RESPONSE & REMEDIATION, INC.

1287

GENERATOR INFORMATION

Generator: NCDOT

Site Address: 8889 US Hwy 17
Washington, NC

Signature: _____ Date: _____

TANK / VESSEL INFORMATION

Tank Number	Tank Size	Last Tank Contents	Condition (Comments)
#1	1,000	Concrete	
#2	1,000	Concrete	
#3	1,000	Concrete	
#4	550	#2 Fuel Oil	

TANK TRANSPORTER INFORMATION

I acknowledge receipt of the above-listed tanks / vessels on this date:

Transporter 1	Dwayne Clark	Transporter 1	Dwayne Clark	7-28-21
	Printed Name:		Signature:	Date:
Transporter 2		Transporter 2		
	Printed Name:		Signature:	Date:

TANK DISPOSAL / RECYCLING INFORMATION

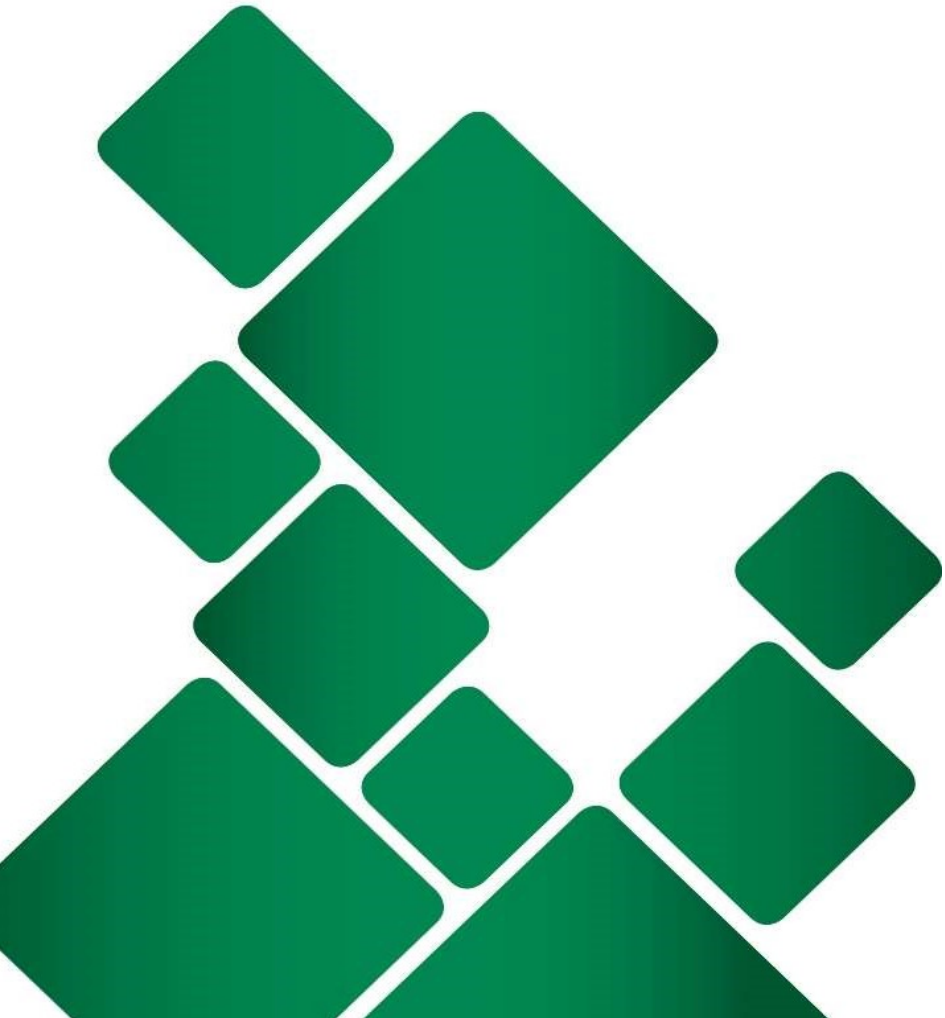
The tanks / vessels listed above have undergone disposal or recycling:

Tank Disposal / Recycling Method: EJE Recycling & Disposal, Inc
802 Recycling Lane Greenville NC

Michael Honeman	Michael Honeman	7-29-21
Printed Name:	Signature:	Date:

APPENDIX C

CONCRETE AND WATER DISPOSAL MANIFESTS



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Science & Engineering Consultants

EJE REYCYCLING & DISPOSAL INC.
802 RECYCLING LN, GREENVILLE, NC 27834
2527528274

Ticket #: 001-0000007493

7/28/2021
In : 11:43:30 /Out : 11:54:32
Scale # : 1

IN Bound PITT COUNTY 100%

Customer : **CASH CUSTOMER**
Vehicle : **1**

Gross Wt:	26.16	Tare Wt:	13.30	Net Wt:	12.86 TON
Gross Wt:	52,320.00	Tare Wt:	26,600.00	Net Wt:	25,720.00 LBS

PITT COUNTY
CONCRETE 12.86 TON

Signature:_____
Weigh Master: MW #44498
HERR, INC

Now Selling Crushed Rock.

EJE REYCYCLING & DISPOSAL INC.
802 RECYCLING LN, GREENVILLE, NC 27834
2527528274

Ticket #: 001-0000007497

7/28/2021
In : 12:50:13 /Out : 13:05:16
Scale # : 1

IN Bound PITT COUNTY 100%

Customer : **CASH CUSTOMER**
Vehicle : **1**

Gross Wt:	30.99	Tare Wt:	13.38	Net Wt:	17.61 TON
Gross Wt:	61,980.00	Tare Wt:	26,760.00	Net Wt:	35,220.00 LBS

PITT COUNTY

CONCRETE 17.61 TON

Signature:_____
Weigh Master: MW #44498
HERR, INC

Now Selling Crushed Rock.

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.

Manifest Document No.

2. Page 1 of 1

3. Generator's Name and Mailing Address: NC DOT 8889 US 17 Washington, NC

4. Generator's Phone ( )

5. Transporter 1 Company Name: **HERR, INC.**

6. US EPA ID Number: NCR000139816

A. State Transporter's ID

B. Transporter 1 Phone: **910-640-2607**

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: **HERR, INC. 303 S. MAULTSBY ST. WHITEVILLE, NC 28472**

10. US EPA ID Number: **NCR-000139816**

E. State Facility's ID

F. Facility's Phone: **910-640-2607**

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. **NON-REG. PETROLEUM CONTACT WATER**	1	TT	405	**GAL.**
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above: (HERR Job # R210746L)

H. Handling Codes for Wastes Listed Above: P

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: On behalf of DOT Harrison Carter

Signature

Date: Month 7 Day 28 Year 21

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Brody Williams

Signature

Date: Month 7 Day 28 Year 21

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 maifest, except as noted in item 19.

Printed/Typed Name: Scott Strickland

Signature

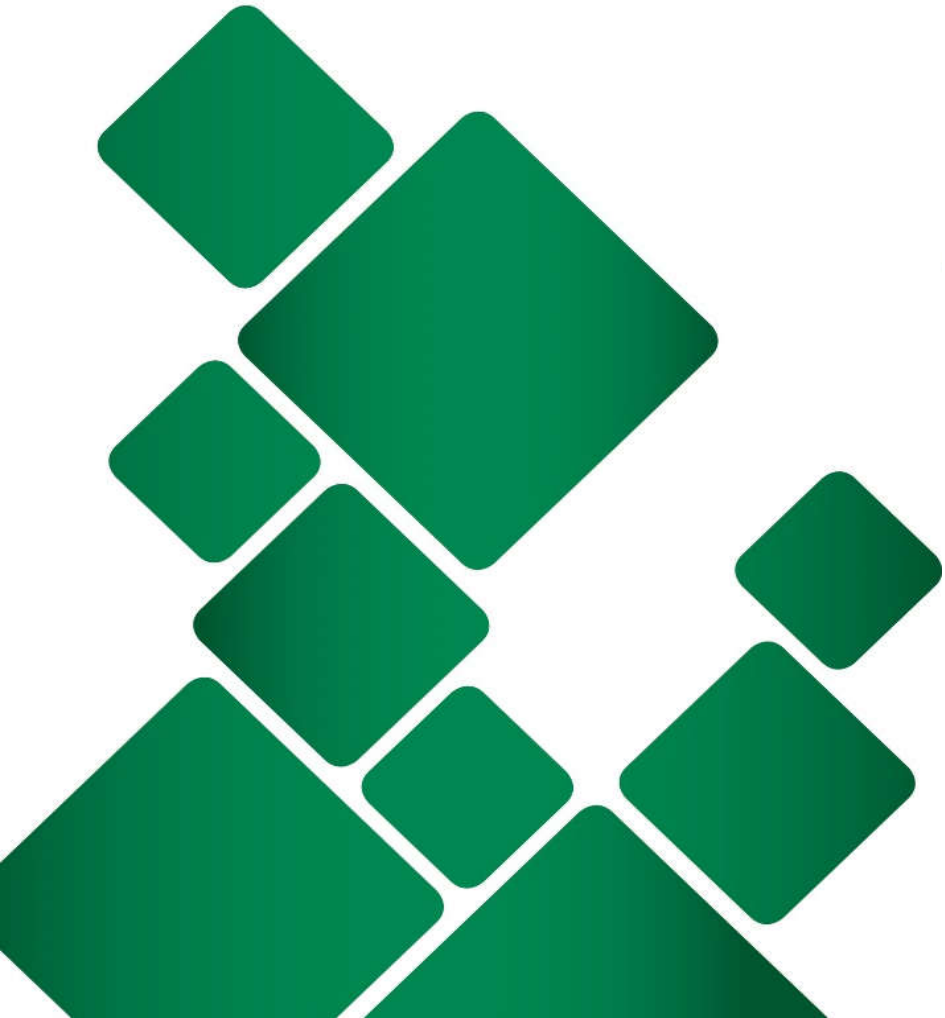
Date: Month 7 Day 28 Year 21

NON-HAZARDOUS WASTE — GENERATOR — TRANSPORTER — FACILITY

Rev. 3/95

APPENDIX D

CHAIN-OF-CUSTODY



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Science & Engineering Consultants

CHAIN OF CUSTODY RECORD

Waypoint ANALYTICAL
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: SynTerra
Report To/Contact Name: Hcarter@synterracorp
Reporting Address: 511 Keisler Dr Suite 102
Cary, NC 27518
Phone: 919 858-9843 (Yes)(No): No
Email Address: jsikes@synterracorp.com
EDD Type: PDF X Excel X Other
Site Location Name: Washington, NC
Site Location Physical Address: 8889 US 17
Washington, NC

Project Name: Parcel 65
Short Hold Analysis (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: AP@synterracorp.com
Address:

Purchase Order No./Billing Reference
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days X Standard 10 days ❑ Rush Work Must Be Pre Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY WAYPOINT ANALYTICAL, LLC TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received IN ICE?	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?	X		
VOLATILES rec'd W/OUT HEADSPACE?	X		
PROPER CONTAINERS used?	X		

TEMP: Therm ID: Tr#15 Observed 5.0 °C /Corr. 5.1 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NC X SC
Other N/A
Water Chlorinated: YES NO X
Samples Iced Upon Collection: YES X NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER, OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED VOCs	SVOCs	VPH	EPH			REMARKS	ID NO.
GW-1	7/28/21	1300	W		10			X	X	X	X				
GW-2	7/28/21	1600	W		10			X	X	X	X				

21-211-0017
00018
Synterra Corporation - Cary
Parcel 65
07-30-2021
12:05:42

PRESS DOWN FIRMLY - 2 COPIES

Sampler's Signature Julie Sikes | Sampled By (Print Name) Julie Sikes | Affiliation SynTerra

Upon relinquishing, this Chain of Custody is your authorization for Waypoint Analytical to proceed with the analyses as requested above. Any changes must be submitted in writing to the Waypoint Analytical Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) Julie Sikes	Received By: (Signature)	7/29/21	1314
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Waypoint Analytical By:	Date 7/29/21	1200

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Waypoint Analytical Field Service ❑ Other

COC Group No. 7130121

Additional Comments:

LAB USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

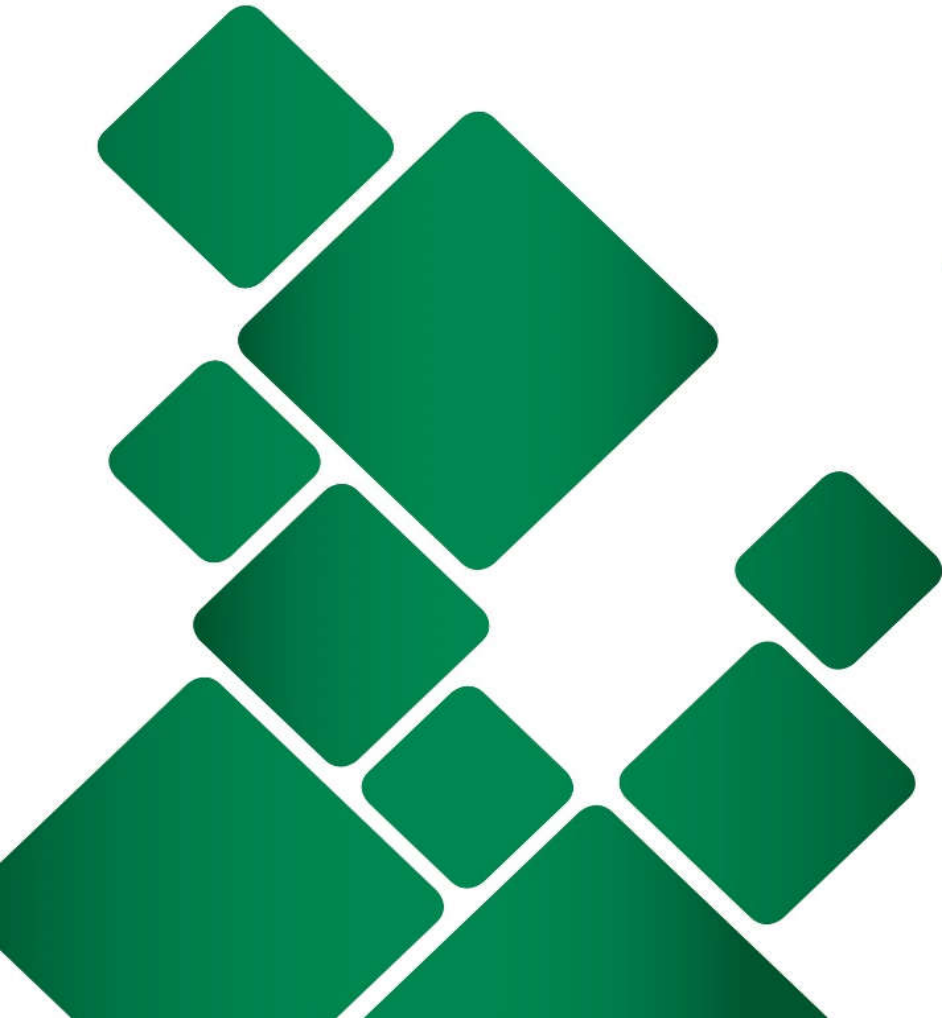
NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	BRWNFLD	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑	❑	❑	❑	❑	❑	❑	❑	❑

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

APPENDIX E

LABORATORY ANALYTICAL REPORT



synTerra
Science & Engineering Consultants

Waypoint ANALYTICAL
449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

8/10/2021

Synterra Corporation - Cary
Harrison Carter
511 Keisler Dr.
Cary, NC, 2758

Ref: Analytical Testing
Lab Report Number: 21-211-0017
Client Project Description: Parcel 65

Dear Harrison Carter:

Waypoint Analytical, LLC (Charlotte) received sample(s) on 7/30/2021 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) unless otherwise indicated.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

Angela D Overcash
Senior Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Certification Summary

Laboratory ID: WP CNC: Waypoint Analytical Carolina, Inc. (C), Charlotte, NC

State	Program	Lab ID	Expiration Date
North Carolina	State Program	37735	07/31/2022
North Carolina	State Program	402	12/31/2021
South Carolina	State Program	99012	07/31/2021
South Carolina	State Program	99012	12/31/2021

449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Sample Summary Table

Report Number: **21-211-0017**

Client Project Description: **Parcel 65**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
92706	GW-1	Aqueous	07/28/2021 13:00	07/30/2021
92707	GW-2	Aqueous	07/28/2021 16:00	07/30/2021

Waypoint ANALYTICAL
449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Summary of Detected Analytes

Project: **Parcel 65**

Report Number: **21-211-0017**

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
GW-1	**V 92706**					
6200B	Acetone	2.87	µg/L	1.80	08/03/2021 15:22	J
6200B	Ethylbenzene	0.234	µg/L	0.170	08/03/2021 15:22	J
6200B	Toluene	0.346	µg/L	0.220	08/03/2021 15:22	J
6200B	1,2,4-Trimethylbenzene	1.05	µg/L	0.190	08/03/2021 15:22	
6200B	1,3,5-Trimethylbenzene	0.340	µg/L	0.180	08/03/2021 15:22	J
6200B	o-Xylene	0.468	µg/L	0.210	08/03/2021 15:22	J
6200B	m,p-Xylene	0.830	µg/L	0.420	08/03/2021 15:22	J
6200B	Xylene (Total)	1.30	µg/L	0.210	08/03/2021 15:22	J
MADEP-VPH	Aliphatic C9-C12	27.5	µg/L	25.8	07/30/2021 17:03	J
GW-2	**V 92707**					
6200B	Acetone	4.80	µg/L	1.80	08/03/2021 17:00	J
6200B	n-Butylbenzene	1.01	µg/L	0.180	08/03/2021 17:00	
6200B	sec-Butyl benzene	2.33	µg/L	0.200	08/03/2021 17:00	
6200B	Ethylbenzene	0.436	µg/L	0.170	08/03/2021 17:00	J
6200B	Isopropylbenzene	1.10	µg/L	0.180	08/03/2021 17:00	
6200B	4-Isopropyl toluene	1.59	µg/L	0.089	08/03/2021 17:00	
6200B	Naphthalene	4.27	µg/L	0.470	08/03/2021 17:00	
6200B	n-Propylbenzene	1.73	µg/L	0.190	08/03/2021 17:00	
6200B	1,2,4-Trimethylbenzene	6.30	µg/L	0.190	08/03/2021 17:00	
6200B	1,3,5-Trimethylbenzene	2.38	µg/L	0.180	08/03/2021 17:00	
MADEP-EPH	Aliphatic C9-C18	151	µg/L	28.2	08/09/2021 22:06	J
MADEP-EPH	Aromatic C11-C22	197	µg/L	61.2	08/09/2021 22:06	J
MADEP-VPH	Aliphatic C9-C12	267	µg/L	25.8	07/30/2021 17:32	
MADEP-VPH	Aromatic C9-C10	117	µg/L	4.02	07/30/2021 17:32	

449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Client: Synterra Corporation - Cary
Project: Parcel 65
Lab Report Number: 21-211-0017
Date: 8/10/2021

CASE NARRATIVE

625.1 - Base/Neutrals and Acids by GC/MS Method 625.1
Sample 92707 (GW-2)
QC Batch No: V7251/V7150
Surrogate(s) were flagged for recoveries in the associated project sample. During the extraction step, the extraction technician noted that a significant emulsion formed. Batch QC samples (Method Blank and Laboratory Control Samples) all showed surrogate recoveries within QC limits, indicating that the biased recoveries were due to the sample matrix.

Analyte: Benzoic Acid
QC Batch No: V7251/V7150
Analyte was flagged for 0% recovery in the LCS due to the result being below the MQL. The actual result was 16 ug/L which calculates to a recovery of 32% which is within the acceptable recovery range.

Analyte: Hexachlorobutadiene
QC Batch No: V7251/V7150
Analyte was flagged for 0% recovery in the LCS due to the result being below the MQL. The actual result was 13.87 ug/L which calculates to a recovery of 27.7% which is within the acceptable recovery range.

Analyte: Hexachlorocyclopentadiene
QC Batch No: V7251/V7150
Analyte was flagged for 0% recovery in the LCS due to the result being below the MQL. The actual result was 12.3 ug/L which calculates to a recovery of 24.6% which is below the acceptable recovery range.

Analyte: Pentachlorophenol
QC Batch No: V7251/V7150
Analyte was flagged for 0% recovery in the LCS due to the result being below the MQL. The actual result was 42.76 ug/L which calculates to a recovery of 85.5% which is within the acceptable recovery range.

Massachusetts EPH Method MADEP-EPH
Sample 92707 (GW-2)
Analyte: Chlorooctadecane
QC Batch No: V7419/V7234
Surrogate(s) were flagged for recoveries in the associated project sample. During the extraction step, the extraction technician noted that a significant emulsion formed. Batch QC samples (Method Blank and Laboratory Control Samples) all showed surrogate recoveries within QC limits, indicating that the biased recoveries were due to the sample matrix.

Analyte: o-Terphenyl
QC Batch No: V7419/V7234
Surrogate(s) were flagged for recoveries in the associated project sample. During the extraction step, the extraction technician noted that a significant emulsion formed. Batch QC samples (Method Blank and Laboratory Control Samples) all showed surrogate recoveries within QC limits, indicating that the biased recoveries were due to the sample matrix.

Waypoint ANALYTICAL
449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

00018
Synterra Corporation - Cary
Harrison Carter
511 Keisler Dr.
Cary , NC 2758

Project Parcel 65
Information :

Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	**2.87 J**	µg/L	1.80	10.0	1	08/03/21 15:22	JLB	V7233
Benzene	<0.180	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
Bromobenzene	<0.210	µg/L	0.210	0.500	1	08/03/21 15:22	JLB	V7233
Bromochloromethane	<0.420	µg/L	0.420	1.00	1	08/03/21 15:22	JLB	V7233
Bromodichloromethane	<0.160	µg/L	0.160	0.500	1	08/03/21 15:22	JLB	V7233
Bromoform	<1.50	µg/L	1.50	5.00	1	08/03/21 15:22	JLB	V7233
Bromomethane	<0.280	µg/L	0.280	1.00	1	08/03/21 15:22	JLB	V7233
n-Butylbenzene	<0.180	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
sec-Butyl benzene	<0.200	µg/L	0.200	0.500	1	08/03/21 15:22	JLB	V7233
tert-Butyl benzene	<0.920	µg/L	0.920	2.00	1	08/03/21 15:22	JLB	V7233
Carbon Tetrachloride	<0.180	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
Chlorobenzene	<0.190	µg/L	0.190	0.500	1	08/03/21 15:22	JLB	V7233
Chlorodibromomethane	<0.190	µg/L	0.190	0.500	1	08/03/21 15:22	JLB	V7233
Chloroethane	<0.430	µg/L	0.430	1.00	1	08/03/21 15:22	JLB	V7233
Chloroform	<0.220	µg/L	0.220	0.500	1	08/03/21 15:22	JLB	V7233
Chloromethane	<0.220	µg/L	0.220	0.500	1	08/03/21 15:22	JLB	V7233
2-Chlorotoluene	<0.200	µg/L	0.200	0.500	1	08/03/21 15:22	JLB	V7233
4-Chlorotoluene	<0.200	µg/L	0.200	0.500	1	08/03/21 15:22	JLB	V7233
Di-Isopropyl Ether (DIPE)	<0.500	µg/L	0.500	0.500	1	08/03/21 15:22	JLB	V7233
1,2-Dibromo-3-Chloropropane	<1.10	µg/L	1.10	2.00	1	08/03/21 15:22	JLB	V7233
1,2-Dibromoethane	<0.200	µg/L	0.200	0.500	1	08/03/21 15:22	JLB	V7233
Dibromomethane	<0.230	µg/L	0.230	0.500	1	08/03/21 15:22	JLB	V7233

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Synterra Corporation - Cary
Harrison Carter
511 Keisler Dr.
Cary , NC 2758

Project Parcel 65
Information :

Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dichlorobenzene	<0.220	µg/L	0.220	0.500	1	08/03/21 15:22	JLB	V7233
1,3-Dichlorobenzene	<0.190	µg/L	0.190	0.500	1	08/03/21 15:22	JLB	V7233
1,4-Dichlorobenzene	<0.210	µg/L	0.210	0.500	1	08/03/21 15:22	JLB	V7233
Dichlorodifluoromethane	<1.20	µg/L	1.20	5.00	1	08/03/21 15:22	JLB	V7233
1,1-Dichloroethane	<0.240	µg/L	0.240	0.500	1	08/03/21 15:22	JLB	V7233
1,2-Dichloroethane	<0.150	µg/L	0.150	0.500	1	08/03/21 15:22	JLB	V7233
1,1-Dichloroethene	<0.150	µg/L	0.150	0.500	1	08/03/21 15:22	JLB	V7233
cis-1,2-Dichloroethene	<0.200	µg/L	0.200	0.500	1	08/03/21 15:22	JLB	V7233
trans-1,2-Dichloroethene	<0.180	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
1,2-Dichloropropane	<0.190	µg/L	0.190	0.500	1	08/03/21 15:22	JLB	V7233
1,3-Dichloropropane	<0.130	µg/L	0.130	0.500	1	08/03/21 15:22	JLB	V7233
2,2-Dichloropropane	<0.210	µg/L	0.210	2.00	1	08/03/21 15:22	JLB	V7233
1,1-Dichloropropene	<0.200	µg/L	0.200	0.500	1	08/03/21 15:22	JLB	V7233
cis-1,3-Dichloropropene	<0.210	µg/L	0.210	0.500	1	08/03/21 15:22	JLB	V7233
trans-1,3-Dichloropropene	<0.150	µg/L	0.150	0.500	1	08/03/21 15:22	JLB	V7233
Ethanol	<42.0	µg/L	42.0	200	1	08/03/21 15:22	JLB	V7233
Ethylbenzene	**0.234 J**	µg/L	0.170	0.500	1	08/03/21 15:22	JLB	V7233
Hexachlorobutadiene	<0.350	µg/L	0.350	3.00	1	08/03/21 15:22	JLB	V7233
2-Hexanone	<0.380	µg/L	0.380	1.00	1	08/03/21 15:22	JLB	V7233
Isopropylbenzene	<0.180	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
4-Isopropyl toluene	<0.089	µg/L	0.089	0.500	1	08/03/21 15:22	JLB	V7233
Methyl Ethyl Ketone (MEK)	<0.710	µg/L	0.710	5.00	1	08/03/21 15:22	JLB	V7233

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methyl tert-butyl ether (MTBE)	<0.140	µg/L	0.140	1.00	1	08/03/21 15:22	JLB	V7233
4-Methyl-2-Pentanone	<0.078	µg/L	0.078	1.00	1	08/03/21 15:22	JLB	V7233
Methylene Chloride	<0.330	µg/L	0.330	2.00	1	08/03/21 15:22	JLB	V7233
Naphthalene	<0.470	µg/L	0.470	1.00	1	08/03/21 15:22	JLB	V7233
n-Propylbenzene	<0.190	µg/L	0.190	0.500	1	08/03/21 15:22	JLB	V7233
Styrene	<0.220	µg/L	0.220	0.500	1	08/03/21 15:22	JLB	V7233
1,1,1,2-Tetrachloroethane	<0.160	µg/L	0.160	0.500	1	08/03/21 15:22	JLB	V7233
1,1,2,2-Tetrachloroethane	<0.160	µg/L	0.160	0.500	1	08/03/21 15:22	JLB	V7233
Tetrachloroethene	<0.220	µg/L	0.220	0.500	1	08/03/21 15:22	JLB	V7233
Toluene	**0.346 J**	µg/L	0.220	0.500	1	08/03/21 15:22	JLB	V7233
1,2,3-Trichlorobenzene	<0.380	µg/L	0.380	0.500	1	08/03/21 15:22	JLB	V7233
1,2,4-Trichlorobenzene	<0.310	µg/L	0.310	0.500	1	08/03/21 15:22	JLB	V7233
1,1,1-Trichloroethane	<0.160	µg/L	0.160	0.500	1	08/03/21 15:22	JLB	V7233
1,1,2-Trichloroethane	<0.096	µg/L	0.096	0.500	1	08/03/21 15:22	JLB	V7233
Trichloroethene	<0.180	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
Trichlorofluoromethane	<0.180	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
1,2,3-Trichloropropane	<0.270	µg/L	0.270	0.500	1	08/03/21 15:22	JLB	V7233
1,2,4-Trimethylbenzene	**1.05**	µg/L	0.190	0.500	1	08/03/21 15:22	JLB	V7233
1,3,5-Trimethylbenzene	**0.340 J**	µg/L	0.180	0.500	1	08/03/21 15:22	JLB	V7233
Vinyl Acetate	<1.00	µg/L	1.00	5.00	1	08/03/21 15:22	JLB	V7233
Vinyl Chloride	<0.170	µg/L	0.170	0.500	1	08/03/21 15:22	JLB	V7233
o-Xylene	**0.468 J**	µg/L	0.210	0.500	1	08/03/21 15:22	JLB	V7233

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Project Parcel 65
Information :

Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
m,p-Xylene	**0.830 J**	µg/L	0.420	1.00	1	08/03/21 15:22	JLB	V7233
Xylene (Total)	**1.30 J**	µg/L	0.210	0.500	1	08/03/21 15:22		V7233
Surrogate: 4-Bromofluorobenzene	98.6		Limits: 70-130%		1	08/03/21 15:22	JLB	V7233
Surrogate: Dibromofluoromethane	97.4		Limits: 70-130%		1	08/03/21 15:22	JLB	V7233
Surrogate: 1,2-Dichloroethane - d4	89.2		Limits: 70-130%		1	08/03/21 15:22	JLB	V7233
Surrogate: Toluene-d8	91.8		Limits: 70-130%		1	08/03/21 15:22	JLB	V7233

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<7.40	µg/L	7.40	10.4	1	08/02/21 18:45	JMV	V7251
Acenaphthylene	<7.22	µg/L	7.22	20.8	1	08/02/21 18:45	JMV	V7251
Anthracene	<6.83	µg/L	6.83	10.4	1	08/02/21 18:45	JMV	V7251
Benzidine	<5.28	µg/L	5.28	10.4	1	08/02/21 18:45	JMV	V7251
Benzo(a)anthracene	<6.92	µg/L	6.92	10.4	1	08/02/21 18:45	JMV	V7251
Benzo(a)pyrene	<4.86	µg/L	4.86	10.4	1	08/02/21 18:45	JMV	V7251
Benzo(b)fluoranthene	<4.70	µg/L	4.70	10.4	1	08/02/21 18:45	JMV	V7251
Benzo(g,h,i)perylene	<4.41	µg/L	4.41	10.4	1	08/02/21 18:45	JMV	V7251
Benzo(k)fluoranthene	<5.05	µg/L	5.05	10.4	1	08/02/21 18:45	JMV	V7251
Benzoic Acid	<12.0	µg/L	12.0	52.1	1	08/02/21 18:45	JMV	V7251
Benzyl alcohol	<8.94	µg/L	8.94	10.4	1	08/02/21 18:45	JMV	V7251
Bis(2-Chloroethoxy)methane	<5.90	µg/L	5.90	10.4	1	08/02/21 18:45	JMV	V7251

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Project Parcel 65
Information :

Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Bis(2-Chloroethyl)ether	<7.59	µg/L	7.59	10.4	1	08/02/21 18:45	JMV	V7251
Bis(2-Chloroisopropyl)ether	<6.85	µg/L	6.85	10.4	1	08/02/21 18:45	JMV	V7251
Bis(2-ethylhexyl)phthalate	<9.15	µg/L	9.15	10.4	1	08/02/21 18:45	JMV	V7251
4-Bromophenyl phenyl ether	<6.51	µg/L	6.51	20.8	1	08/02/21 18:45	JMV	V7251
Butyl benzyl phthalate	<4.71	µg/L	4.71	10.4	1	08/02/21 18:45	JMV	V7251
4-Chloro-3-methylphenol	<5.44	µg/L	5.44	10.4	1	08/02/21 18:45	JMV	V7251
2-Chloronaphthalene	<7.68	µg/L	7.68	20.8	1	08/02/21 18:45	JMV	V7251
2-Chlorophenol	<6.84	µg/L	6.84	10.4	1	08/02/21 18:45	JMV	V7251
4-Chlorophenyl phenyl ether	<7.27	µg/L	7.27	20.8	1	08/02/21 18:45	JMV	V7251
Chrysene	<5.60	µg/L	5.60	10.4	1	08/02/21 18:45	JMV	V7251
Dibenz(a,h)anthracene	<6.25	µg/L	6.25	20.8	1	08/02/21 18:45	JMV	V7251
Dibenzofuran	<5.28	µg/L	5.28	20.8	1	08/02/21 18:45	JMV	V7251
1,2-Dichlorobenzene	<6.15	µg/L	6.15	10.4	1	08/02/21 18:45	JMV	V7251
1,3-Dichlorobenzene	<6.06	µg/L	6.06	10.4	1	08/02/21 18:45	JMV	V7251
1,4-Dichlorobenzene	<6.15	µg/L	6.15	10.4	1	08/02/21 18:45	JMV	V7251
3,3'-Dichlorobenzidine	<6.86	µg/L	6.86	10.4	1	08/02/21 18:45	JMV	V7251
2,4-Dichlorophenol	<5.76	µg/L	5.76	10.4	1	08/02/21 18:45	JMV	V7251
Diethyl phthalate	<9.72	µg/L	9.72	20.8	1	08/02/21 18:45	JMV	V7251
Dimethyl phthalate	<8.13	µg/L	8.13	10.4	1	08/02/21 18:45	JMV	V7251
2,4-Dimethylphenol	<11.4	µg/L	11.4	20.8	1	08/02/21 18:45	JMV	V7251
Di-n-butyl phthalate	<7.64	µg/L	7.64	10.4	1	08/02/21 18:45	JMV	V7251
4,6-Dinitro-2-methylphenol	<10.3	µg/L	10.3	31.3	1	08/02/21 18:45	JMV	V7251

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Information :

Report Date : 08/10/2021
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Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2,4-Dinitrophenol	<11.1	µg/L	11.1	31.3	1	08/02/21 18:45	JMV	V7251
2,4-Dinitrotoluene	<5.41	µg/L	5.41	10.4	1	08/02/21 18:45	JMV	V7251
2,6-Dinitrotoluene	<6.14	µg/L	6.14	20.8	1	08/02/21 18:45	JMV	V7251
Di-n-Octyl Phthalate	<5.21	µg/L	5.21	10.4	1	08/02/21 18:45	JMV	V7251
Fluoranthene	<6.27	µg/L	6.27	10.4	1	08/02/21 18:45	JMV	V7251
Fluorene	<7.56	µg/L	7.56	10.4	1	08/02/21 18:45	JMV	V7251
Hexachlorobenzene	<5.98	µg/L	5.98	20.8	1	08/02/21 18:45	JMV	V7251
Hexachlorobutadiene	<6.12	µg/L	6.12	20.8	1	08/02/21 18:45	JMV	V7251
Hexachlorocyclopentadiene	<6.14	µg/L	6.14	20.8	1	08/02/21 18:45	JMV	V7251
Hexachloroethane	<5.43	µg/L	5.43	10.4	1	08/02/21 18:45	JMV	V7251
Indeno(1,2,3-cd)pyrene	<6.45	µg/L	6.45	10.4	1	08/02/21 18:45	JMV	V7251
Isophorone	<6.98	µg/L	6.98	10.4	1	08/02/21 18:45	JMV	V7251
Naphthalene	<8.20	µg/L	8.20	10.4	1	08/02/21 18:45	JMV	V7251
Nitrobenzene	<8.20	µg/L	8.20	10.4	1	08/02/21 18:45	JMV	V7251
2-Nitrophenol	<5.71	µg/L	5.71	10.4	1	08/02/21 18:45	JMV	V7251
4-Nitrophenol	<2.92	µg/L	2.92	10.4	1	08/02/21 18:45	JMV	V7251
N-Nitrosodiphenylamine	<11.4	µg/L	11.4	20.8	1	08/02/21 18:45	JMV	V7251
N-Nitroso-di-n-propylamine	<8.42	µg/L	8.42	20.8	1	08/02/21 18:45	JMV	V7251
Pentachlorophenol	<10.1	µg/L	10.1	52.1	1	08/02/21 18:45	JMV	V7251
Phenanthrene	<6.59	µg/L	6.59	10.4	1	08/02/21 18:45	JMV	V7251
Phenol	<2.97	µg/L	2.97	10.4	1	08/02/21 18:45	JMV	V7251
Pyrene	<5.64	µg/L	5.64	10.4	1	08/02/21 18:45	JMV	V7251

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trichlorobenzene	<6.50	µg/L	6.50	10.4	1	08/02/21 18:45	JMV	V7251
2,4,6-Trichlorophenol	<6.54	µg/L	6.54	20.8	1	08/02/21 18:45	JMV	V7251
Surrogate: Phenol-d5	27.9		Limits: 10-63%		1	08/02/21 18:45	JMV	V7251
Surrogate: 2-Fluorobiphenyl	69.7		Limits: 49-118%		1	08/02/21 18:45	JMV	V7251
Surrogate: 2-Fluorophenol	38.3		Limits: 22-84%		1	08/02/21 18:45	JMV	V7251
Surrogate: Nitrobenzene-d5	66.0		Limits: 43-123%		1	08/02/21 18:45	JMV	V7251
Surrogate: 4-Terphenyl-d14	92.5		Limits: 49-151%		1	08/02/21 18:45	JMV	V7251
Surrogate: 2,4,6-Tribromophenol	91.8		Limits: 31-144%		1	08/02/21 18:45	JMV	V7251

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Report Date : 08/10/2021
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Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92706**
Sample ID : **GW-1**

Matrix: **Aqueous**
Sampled: **7/28/2021 13:00**

Analytical Method: MADEP-EPH **Prep Batch(es):** **V7234** 08/04/21 10:30
Prep Method: MAEPH (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aliphatic C9-C18	<28.2	µg/L	28.2	350	1	08/09/21 21:30	ZRC	V7419
Aliphatic C19-C36	<124	µg/L	124	500	1	08/09/21 21:30	ZRC	V7419
Aromatic C11-C22	<61.2	µg/L	61.2	250	1	08/09/21 21:30	ZRC	V7419
Surrogate: 2-Bromonaphthalene	84.5		Limits: 40-140%		1	08/09/21 21:30	ZRC	V7419
Surrogate: Chlorooctadecane	55.5		Limits: 40-140%		1	08/09/21 21:30	ZRC	V7419
Surrogate: OTP Surrogate	75.0		Limits: 40-140%		1	08/09/21 21:30	ZRC	V7419
Surrogate: 2-Fluorobiphenyl	87.3		Limits: 40-140%		1	08/09/21 21:30	ZRC	V7419

Analytical Method: MADEP-VPH **Prep Batch(es):** **V7128** 07/30/21 08:00
Prep Method: MAVPH (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aliphatic C5-C8	<11.5	µg/L	11.5	50.0	1	07/30/21 17:03	TBL	V7130
Aliphatic C9-C12	**27.5 J**	µg/L	25.8	50.0	1	07/30/21 17:03	TBL	V7130
Aromatic C9-C10	<4.02	µg/L	4.02	50.0	1	07/30/21 17:03	TBL	V7130
Surrogate: 2,5-Dibromotoluene (FID)	101		Limits: 70-130%		1	07/30/21 17:03	TBL	V7130
Surrogate: 2,5-Dibromotoluene (PID)	96.4		Limits: 70-130%		1	07/30/21 17:03	TBL	V7130

Qualifiers/ Definitions				
	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	MQL	Method Quantitation Limit

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Harrison Carter
511 Keisler Dr.
Cary , NC 2758

Project Parcel 65

Information :

Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acetone	**4.80 J**	µg/L	1.80	10.0	1	08/03/21 17:00	JLB	V7233
Benzene	<0.180	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
Bromobenzene	<0.210	µg/L	0.210	0.500	1	08/03/21 17:00	JLB	V7233
Bromochloromethane	<0.420	µg/L	0.420	1.00	1	08/03/21 17:00	JLB	V7233
Bromodichloromethane	<0.160	µg/L	0.160	0.500	1	08/03/21 17:00	JLB	V7233
Bromoform	<1.50	µg/L	1.50	5.00	1	08/03/21 17:00	JLB	V7233
Bromomethane	<0.280	µg/L	0.280	1.00	1	08/03/21 17:00	JLB	V7233
n-Butylbenzene	**1.01**	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
sec-Butyl benzene	**2.33**	µg/L	0.200	0.500	1	08/03/21 17:00	JLB	V7233
tert-Butyl benzene	<0.920	µg/L	0.920	2.00	1	08/03/21 17:00	JLB	V7233
Carbon Tetrachloride	<0.180	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
Chlorobenzene	<0.190	µg/L	0.190	0.500	1	08/03/21 17:00	JLB	V7233
Chlorodibromomethane	<0.190	µg/L	0.190	0.500	1	08/03/21 17:00	JLB	V7233
Chloroethane	<0.430	µg/L	0.430	1.00	1	08/03/21 17:00	JLB	V7233
Chloroform	<0.220	µg/L	0.220	0.500	1	08/03/21 17:00	JLB	V7233
Chloromethane	<0.220	µg/L	0.220	0.500	1	08/03/21 17:00	JLB	V7233
2-Chlorotoluene	<0.200	µg/L	0.200	0.500	1	08/03/21 17:00	JLB	V7233
4-Chlorotoluene	<0.200	µg/L	0.200	0.500	1	08/03/21 17:00	JLB	V7233
Di-Isopropyl Ether (DIPE)	<0.500	µg/L	0.500	0.500	1	08/03/21 17:00	JLB	V7233
1,2-Dibromo-3-Chloropropane	<1.10	µg/L	1.10	2.00	1	08/03/21 17:00	JLB	V7233
1,2-Dibromoethane	<0.200	µg/L	0.200	0.500	1	08/03/21 17:00	JLB	V7233
Dibromomethane	<0.230	µg/L	0.230	0.500	1	08/03/21 17:00	JLB	V7233

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2-Dichlorobenzene	<0.220	µg/L	0.220	0.500	1	08/03/21 17:00	JLB	V7233
1,3-Dichlorobenzene	<0.190	µg/L	0.190	0.500	1	08/03/21 17:00	JLB	V7233
1,4-Dichlorobenzene	<0.210	µg/L	0.210	0.500	1	08/03/21 17:00	JLB	V7233
Dichlorodifluoromethane	<1.20	µg/L	1.20	5.00	1	08/03/21 17:00	JLB	V7233
1,1-Dichloroethane	<0.240	µg/L	0.240	0.500	1	08/03/21 17:00	JLB	V7233
1,2-Dichloroethane	<0.150	µg/L	0.150	0.500	1	08/03/21 17:00	JLB	V7233
1,1-Dichloroethene	<0.150	µg/L	0.150	0.500	1	08/03/21 17:00	JLB	V7233
cis-1,2-Dichloroethene	<0.200	µg/L	0.200	0.500	1	08/03/21 17:00	JLB	V7233
trans-1,2-Dichloroethene	<0.180	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
1,2-Dichloropropane	<0.190	µg/L	0.190	0.500	1	08/03/21 17:00	JLB	V7233
1,3-Dichloropropane	<0.130	µg/L	0.130	0.500	1	08/03/21 17:00	JLB	V7233
2,2-Dichloropropane	<0.210	µg/L	0.210	2.00	1	08/03/21 17:00	JLB	V7233
1,1-Dichloropropene	<0.200	µg/L	0.200	0.500	1	08/03/21 17:00	JLB	V7233
cis-1,3-Dichloropropene	<0.210	µg/L	0.210	0.500	1	08/03/21 17:00	JLB	V7233
trans-1,3-Dichloropropene	<0.150	µg/L	0.150	0.500	1	08/03/21 17:00	JLB	V7233
Ethanol	<42.0	µg/L	42.0	200	1	08/03/21 17:00	JLB	V7233
Ethylbenzene	**0.436 J**	µg/L	0.170	0.500	1	08/03/21 17:00	JLB	V7233
Hexachlorobutadiene	<0.350	µg/L	0.350	3.00	1	08/03/21 17:00	JLB	V7233
2-Hexanone	<0.380	µg/L	0.380	1.00	1	08/03/21 17:00	JLB	V7233
Isopropylbenzene	**1.10**	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
4-Isopropyl toluene	**1.59**	µg/L	0.089	0.500	1	08/03/21 17:00	JLB	V7233
Methyl Ethyl Ketone (MEK)	<0.710	µg/L	0.710	5.00	1	08/03/21 17:00	JLB	V7233

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Report Date : 08/10/2021
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Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Methyl tert-butyl ether (MTBE)	<0.140	µg/L	0.140	1.00	1	08/03/21 17:00	JLB	V7233
4-Methyl-2-Pentanone	<0.078	µg/L	0.078	1.00	1	08/03/21 17:00	JLB	V7233
Methylene Chloride	<0.330	µg/L	0.330	2.00	1	08/03/21 17:00	JLB	V7233
Naphthalene	**4.27**	µg/L	0.470	1.00	1	08/03/21 17:00	JLB	V7233
n-Propylbenzene	**1.73**	µg/L	0.190	0.500	1	08/03/21 17:00	JLB	V7233
Styrene	<0.220	µg/L	0.220	0.500	1	08/03/21 17:00	JLB	V7233
1,1,1,2-Tetrachloroethane	<0.160	µg/L	0.160	0.500	1	08/03/21 17:00	JLB	V7233
1,1,2,2-Tetrachloroethane	<0.160	µg/L	0.160	0.500	1	08/03/21 17:00	JLB	V7233
Tetrachloroethene	<0.220	µg/L	0.220	0.500	1	08/03/21 17:00	JLB	V7233
Toluene	<0.220	µg/L	0.220	0.500	1	08/03/21 17:00	JLB	V7233
1,2,3-Trichlorobenzene	<0.380	µg/L	0.380	0.500	1	08/03/21 17:00	JLB	V7233
1,2,4-Trichlorobenzene	<0.310	µg/L	0.310	0.500	1	08/03/21 17:00	JLB	V7233
1,1,1-Trichloroethane	<0.160	µg/L	0.160	0.500	1	08/03/21 17:00	JLB	V7233
1,1,2-Trichloroethane	<0.096	µg/L	0.096	0.500	1	08/03/21 17:00	JLB	V7233
Trichloroethene	<0.180	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
Trichlorofluoromethane	<0.180	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
1,2,3-Trichloropropane	<0.270	µg/L	0.270	0.500	1	08/03/21 17:00	JLB	V7233
1,2,4-Trimethylbenzene	**6.30**	µg/L	0.190	0.500	1	08/03/21 17:00	JLB	V7233
1,3,5-Trimethylbenzene	**2.38**	µg/L	0.180	0.500	1	08/03/21 17:00	JLB	V7233
Vinyl Acetate	<1.00	µg/L	1.00	5.00	1	08/03/21 17:00	JLB	V7233
Vinyl Chloride	<0.170	µg/L	0.170	0.500	1	08/03/21 17:00	JLB	V7233
o-Xylene	<0.210	µg/L	0.210	0.500	1	08/03/21 17:00	JLB	V7233

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Project Parcel 65
Information :

Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: 6200B **Prep Batch(es):** **V7231** 08/03/21 09:00
Prep Method: 6200 PT

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
m,p-Xylene	<0.420	µg/L	0.420	1.00	1	08/03/21 17:00	JLB	V7233
Xylene (Total)	<0.21	µg/L	0.210	0.500	1	08/03/21 17:00		V7233
Surrogate: 4-Bromofluorobenzene	95.2		Limits: 70-130%		1	08/03/21 17:00	JLB	V7233
Surrogate: Dibromofluoromethane	98.8		Limits: 70-130%		1	08/03/21 17:00	JLB	V7233
Surrogate: 1,2-Dichloroethane - d4	89.8		Limits: 70-130%		1	08/03/21 17:00	JLB	V7233
Surrogate: Toluene-d8	91.4		Limits: 70-130%		1	08/03/21 17:00	JLB	V7233

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<8.40	µg/L	8.40	11.8	1	08/02/21 19:07	JMV	V7251
Acenaphthylene	<8.15	µg/L	8.15	23.5	1	08/02/21 19:07	JMV	V7251
Anthracene	<7.75	µg/L	7.75	11.8	1	08/02/21 19:07	JMV	V7251
Benzidine	<5.99	µg/L	5.99	11.8	1	08/02/21 19:07	JMV	V7251
Benzo(a)anthracene	<7.85	µg/L	7.85	11.8	1	08/02/21 19:07	JMV	V7251
Benzo(a)pyrene	<5.51	µg/L	5.51	11.8	1	08/02/21 19:07	JMV	V7251
Benzo(b)fluoranthene	<5.33	µg/L	5.33	11.8	1	08/02/21 19:07	JMV	V7251
Benzo(g,h,i)perylene	<5.00	µg/L	5.00	11.8	1	08/02/21 19:07	JMV	V7251
Benzo(k)fluoranthene	<5.73	µg/L	5.73	11.8	1	08/02/21 19:07	JMV	V7251
Benzoic Acid	<13.5	µg/L	13.5	58.8	1	08/02/21 19:07	JMV	V7251
Benzyl alcohol	<10.1	µg/L	10.1	11.8	1	08/02/21 19:07	JMV	V7251
Bis(2-Chloroethoxy)methane	<6.69	µg/L	6.69	11.8	1	08/02/21 19:07	JMV	V7251

Qualifiers/ Definitions
* Outside QC Limit
J Estimated value
DF Dilution Factor
MQL Method Quantitation Limit

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Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Bis(2-Chloroethyl)ether	<8.61	µg/L	8.61	11.8	1	08/02/21 19:07	JMV	V7251
Bis(2-Chloroisopropyl)ether	<7.78	µg/L	7.78	11.8	1	08/02/21 19:07	JMV	V7251
Bis(2-ethylhexyl)phthalate	<10.4	µg/L	10.4	11.8	1	08/02/21 19:07	JMV	V7251
4-Bromophenyl phenyl ether	<7.36	µg/L	7.36	23.5	1	08/02/21 19:07	JMV	V7251
Butyl benzyl phthalate	<5.35	µg/L	5.35	11.8	1	08/02/21 19:07	JMV	V7251
4-Chloro-3-methylphenol	<6.17	µg/L	6.17	11.8	1	08/02/21 19:07	JMV	V7251
2-Chloronaphthalene	<8.67	µg/L	8.67	23.5	1	08/02/21 19:07	JMV	V7251
2-Chlorophenol	<7.76	µg/L	7.76	11.8	1	08/02/21 19:07	JMV	V7251
4-Chlorophenyl phenyl ether	<8.21	µg/L	8.21	23.5	1	08/02/21 19:07	JMV	V7251
Chrysene	<6.35	µg/L	6.35	11.8	1	08/02/21 19:07	JMV	V7251
Dibenz(a,h)anthracene	<7.06	µg/L	7.06	23.5	1	08/02/21 19:07	JMV	V7251
Dibenzofuran	<5.97	µg/L	5.97	23.5	1	08/02/21 19:07	JMV	V7251
1,2-Dichlorobenzene	<6.97	µg/L	6.97	11.8	1	08/02/21 19:07	JMV	V7251
1,3-Dichlorobenzene	<6.88	µg/L	6.88	11.8	1	08/02/21 19:07	JMV	V7251
1,4-Dichlorobenzene	<6.97	µg/L	6.97	11.8	1	08/02/21 19:07	JMV	V7251
3,3'-Dichlorobenzidine	<7.79	µg/L	7.79	11.8	1	08/02/21 19:07	JMV	V7251
2,4-Dichlorophenol	<6.54	µg/L	6.54	11.8	1	08/02/21 19:07	JMV	V7251
Diethyl phthalate	<11.0	µg/L	11.0	23.5	1	08/02/21 19:07	JMV	V7251
Dimethyl phthalate	<9.23	µg/L	9.23	11.8	1	08/02/21 19:07	JMV	V7251
2,4-Dimethylphenol	<12.9	µg/L	12.9	23.5	1	08/02/21 19:07	JMV	V7251
Di-n-butyl phthalate	<8.67	µg/L	8.67	11.8	1	08/02/21 19:07	JMV	V7251
4,6-Dinitro-2-methylphenol	<11.7	µg/L	11.7	35.3	1	08/02/21 19:07	JMV	V7251

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
2,4-Dinitrophenol	<12.5	µg/L	12.5	35.3	1	08/02/21 19:07	JMV	V7251
2,4-Dinitrotoluene	<6.14	µg/L	6.14	11.8	1	08/02/21 19:07	JMV	V7251
2,6-Dinitrotoluene	<6.93	µg/L	6.93	23.5	1	08/02/21 19:07	JMV	V7251
Di-n-Octyl Phthalate	<5.91	µg/L	5.91	11.8	1	08/02/21 19:07	JMV	V7251
Fluoranthene	<7.12	µg/L	7.12	11.8	1	08/02/21 19:07	JMV	V7251
Fluorene	<8.58	µg/L	8.58	11.8	1	08/02/21 19:07	JMV	V7251
Hexachlorobenzene	<6.76	µg/L	6.76	23.5	1	08/02/21 19:07	JMV	V7251
Hexachlorobutadiene	<6.91	µg/L	6.91	23.5	1	08/02/21 19:07	JMV	V7251
Hexachlorocyclopentadiene	<6.93	µg/L	6.93	23.5	1	08/02/21 19:07	JMV	V7251
Hexachloroethane	<6.16	µg/L	6.16	11.8	1	08/02/21 19:07	JMV	V7251
Indeno(1,2,3-cd)pyrene	<7.32	µg/L	7.32	11.8	1	08/02/21 19:07	JMV	V7251
Isophorone	<7.92	µg/L	7.92	11.8	1	08/02/21 19:07	JMV	V7251
Naphthalene	<9.30	µg/L	9.30	11.8	1	08/02/21 19:07	JMV	V7251
Nitrobenzene	<9.30	µg/L	9.30	11.8	1	08/02/21 19:07	JMV	V7251
2-Nitrophenol	<6.48	µg/L	6.48	11.8	1	08/02/21 19:07	JMV	V7251
4-Nitrophenol	<3.32	µg/L	3.32	11.8	1	08/02/21 19:07	JMV	V7251
N-Nitrosodiphenylamine	<12.8	µg/L	12.8	23.5	1	08/02/21 19:07	JMV	V7251
N-Nitroso-di-n-propylamine	<9.52	µg/L	9.52	23.5	1	08/02/21 19:07	JMV	V7251
Pentachlorophenol	<11.4	µg/L	11.4	58.8	1	08/02/21 19:07	JMV	V7251
Phenanthrene	<7.48	µg/L	7.48	11.8	1	08/02/21 19:07	JMV	V7251
Phenol	<3.37	µg/L	3.37	11.8	1	08/02/21 19:07	JMV	V7251
Pyrene	<6.40	µg/L	6.40	11.8	1	08/02/21 19:07	JMV	V7251

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Information :

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Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: 625.1 **Prep Batch(es):** **V7150** 08/02/21 10:00
Prep Method: 625.1 (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
1,2,4-Trichlorobenzene	<7.38	µg/L	7.38	11.8	1	08/02/21 19:07	JMV	V7251
2,4,6-Trichlorophenol	<7.39	µg/L	7.39	23.5	1	08/02/21 19:07	JMV	V7251
Surrogate: Phenol-d5	**5.25** *		Limits: 10-63%		1	08/02/21 19:07	JMV	V7251
Surrogate: 2-Fluorobiphenyl	**14.9** *		Limits: 49-118%		1	08/02/21 19:07	JMV	V7251
Surrogate: 2-Fluorophenol	**6.19** *		Limits: 22-84%		1	08/02/21 19:07	JMV	V7251
Surrogate: Nitrobenzene-d5	**14.1** *		Limits: 43-123%		1	08/02/21 19:07	JMV	V7251
Surrogate: 4-Terphenyl-d14	**19.6** *		Limits: 49-151%		1	08/02/21 19:07	JMV	V7251
Surrogate: 2,4,6-Tribromophenol	**7.51** *		Limits: 31-144%		1	08/02/21 19:07	JMV	V7251

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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00018
Synterra Corporation - Cary
Harrison Carter
511 Keisler Dr.
Cary , NC 2758

Project Parcel 65
Information :

Report Date : 08/10/2021
Received : 07/30/2021

Report Number : **21-211-0017**

REPORT OF ANALYSIS

Lab No : **92707**
Sample ID : **GW-2**

Matrix: **Aqueous**
Sampled: **7/28/2021 16:00**

Analytical Method: MADEP-EPH **Prep Batch(es):** **V7234** 08/04/21 10:30
Prep Method: MAEPH (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aliphatic C9-C18	**151 J**	µg/L	28.2	350	1	08/09/21 22:06	ZRC	V7419
Aliphatic C19-C36	<124	µg/L	124	500	1	08/09/21 22:06	ZRC	V7419
Aromatic C11-C22	**197 J**	µg/L	61.2	250	1	08/09/21 22:06	ZRC	V7419
Surrogate: 2-Bromonaphthalene	102		Limits: 40-140%		1	08/09/21 22:06	ZRC	V7419
Surrogate: Chlorooctadecane	**9.50** *		Limits: 40-140%		1	08/09/21 22:06	ZRC	V7419
Surrogate: OTP Surrogate	**12.4** *		Limits: 40-140%		1	08/09/21 22:06	ZRC	V7419
Surrogate: 2-Fluorobiphenyl	92.0		Limits: 40-140%		1	08/09/21 22:06	ZRC	V7419

Analytical Method: MADEP-VPH **Prep Batch(es):** **V7128** 07/30/21 08:00
Prep Method: MAVPH (Prep)

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Aliphatic C5-C8	<11.5	µg/L	11.5	50.0	1	07/30/21 17:32	TBL	V7130
Aliphatic C9-C12	**267**	µg/L	25.8	50.0	1	07/30/21 17:32	TBL	V7130
Aromatic C9-C10	**117**	µg/L	4.02	50.0	1	07/30/21 17:32	TBL	V7130
Surrogate: 2,5-Dibromotoluene (FID)	110		Limits: 70-130%		1	07/30/21 17:32	TBL	V7130
Surrogate: 2,5-Dibromotoluene (PID)	107		Limits: 70-130%		1	07/30/21 17:32	TBL	V7130

Qualifiers/ Definitions

*	Outside QC Limit	DF	Dilution Factor
J	Estimated value	MQL	Method Quantitation Limit

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7231
QC Prep Batch Method: 6200 PT
QC Analytical Batch(es): V7233
Analysis Method: 6200B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-V7231 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acetone	µg/L	<1.80	1.80	10.0	08/03/21 12:54		
Benzene	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
Bromobenzene	µg/L	<0.210	0.210	0.500	08/03/21 12:54		
Bromochloromethane	µg/L	<0.420	0.420	1.00	08/03/21 12:54		
Bromodichloromethane	µg/L	<0.160	0.160	0.500	08/03/21 12:54		
Bromoform	µg/L	<1.50	1.50	5.00	08/03/21 12:54		
Bromomethane	µg/L	<0.280	0.280	1.00	08/03/21 12:54		
n-Butylbenzene	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
sec-Butyl benzene	µg/L	<0.200	0.200	0.500	08/03/21 12:54		
tert-Butyl benzene	µg/L	<0.920	0.920	2.00	08/03/21 12:54		
Carbon Tetrachloride	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
Chlorobenzene	µg/L	<0.190	0.190	0.500	08/03/21 12:54		
Chlorodibromomethane	µg/L	<0.190	0.190	0.500	08/03/21 12:54		
Chloroethane	µg/L	<0.430	0.430	1.00	08/03/21 12:54		
Chloroform	µg/L	<0.220	0.220	0.500	08/03/21 12:54		
Chloromethane	µg/L	<0.220	0.220	0.500	08/03/21 12:54		
2-Chlorotoluene	µg/L	<0.200	0.200	0.500	08/03/21 12:54		
4-Chlorotoluene	µg/L	<0.200	0.200	0.500	08/03/21 12:54		
Di-Isopropyl Ether (DIPE)	µg/L	<0.500	0.500	0.500	08/03/21 12:54		
1,2-Dibromo-3-Chloropropane	µg/L	<1.10	1.10	2.00	08/03/21 12:54		
1,2-Dibromoethane	µg/L	<0.200	0.200	0.500	08/03/21 12:54		
Dibromomethane	µg/L	<0.230	0.230	0.500	08/03/21 12:54		
1,2-Dichlorobenzene	µg/L	<0.220	0.220	0.500	08/03/21 12:54		
1,3-Dichlorobenzene	µg/L	<0.190	0.190	0.500	08/03/21 12:54		
1,4-Dichlorobenzene	µg/L	<0.210	0.210	0.500	08/03/21 12:54		
Dichlorodifluoromethane	µg/L	<1.20	1.20	5.00	08/03/21 12:54		
1,1-Dichloroethane	µg/L	<0.240	0.240	0.500	08/03/21 12:54		

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QC Prep: V7231
QC Prep Batch Method: 6200 PT
QC Analytical Batch(es): V7233
Analysis Method: 6200B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-V7231 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
1,2-Dichloroethane	µg/L	<0.150	0.150	0.500	08/03/21 12:54		
1,1-Dichloroethene	µg/L	<0.150	0.150	0.500	08/03/21 12:54		
cis-1,2-Dichloroethene	µg/L	<0.200	0.200	0.500	08/03/21 12:54		
trans-1,2-Dichloroethene	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
1,2-Dichloropropane	µg/L	<0.190	0.190	0.500	08/03/21 12:54		
1,3-Dichloropropane	µg/L	<0.130	0.130	0.500	08/03/21 12:54		
2,2-Dichloropropane	µg/L	<0.210	0.210	2.00	08/03/21 12:54		
1,1-Dichloropropene	µg/L	<0.200	0.200	0.500	08/03/21 12:54		
cis-1,3-Dichloropropene	µg/L	<0.210	0.210	0.500	08/03/21 12:54		
trans-1,3-Dichloropropene	µg/L	<0.150	0.150	0.500	08/03/21 12:54		
Ethanol	µg/L	<42.0	42.0	200	08/03/21 12:54		
Ethylbenzene	µg/L	<0.170	0.170	0.500	08/03/21 12:54		
Hexachlorobutadiene	µg/L	<0.350	0.350	3.00	08/03/21 12:54		
2-Hexanone	µg/L	<0.380	0.380	1.00	08/03/21 12:54		
Isopropylbenzene	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
4-Isopropyl toluene	µg/L	<0.089	0.089	0.500	08/03/21 12:54		
Methyl Ethyl Ketone (MEK)	µg/L	<0.710	0.710	5.00	08/03/21 12:54		
Methyl tert-butyl ether (MTBE)	µg/L	<0.140	0.140	1.00	08/03/21 12:54		
4-Methyl-2-Pentanone	µg/L	<0.078	0.078	1.00	08/03/21 12:54		
Methylene Chloride	µg/L	<0.330	0.330	2.00	08/03/21 12:54		
Naphthalene	µg/L	<0.470	0.470	1.00	08/03/21 12:54		
n-Propylbenzene	µg/L	<0.190	0.190	0.500	08/03/21 12:54		
Styrene	µg/L	<0.220	0.220	0.500	08/03/21 12:54		
1,1,1,2-Tetrachloroethane	µg/L	<0.160	0.160	0.500	08/03/21 12:54		
1,1,2,2-Tetrachloroethane	µg/L	<0.160	0.160	0.500	08/03/21 12:54		
Tetrachloroethene	µg/L	<0.220	0.220	0.500	08/03/21 12:54		
Toluene	µg/L	<0.220	0.220	0.500	08/03/21 12:54		

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QC Prep Batch Method: 6200 PT
QC Analytical Batch(es): V7233
Analysis Method: 6200B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-V7231 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
1,2,3-Trichlorobenzene	µg/L	<0.380	0.380	0.500	08/03/21 12:54		
1,2,4-Trichlorobenzene	µg/L	<0.310	0.310	0.500	08/03/21 12:54		
1,1,1-Trichloroethane	µg/L	<0.160	0.160	0.500	08/03/21 12:54		
1,1,2-Trichloroethane	µg/L	<0.096	0.096	0.500	08/03/21 12:54		
Trichloroethene	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
Trichlorofluoromethane	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
1,2,3-Trichloropropane	µg/L	<0.270	0.270	0.500	08/03/21 12:54		
1,2,4-Trimethylbenzene	µg/L	<0.190	0.190	0.500	08/03/21 12:54		
1,3,5-Trimethylbenzene	µg/L	<0.180	0.180	0.500	08/03/21 12:54		
Vinyl Acetate	µg/L	<1.00	1.00	5.00	08/03/21 12:54		
Vinyl Chloride	µg/L	<0.170	0.170	0.500	08/03/21 12:54		
o-Xylene	µg/L	<0.210	0.210	0.500	08/03/21 12:54		
m,p-Xylene	µg/L	<0.420	0.420	1.00	08/03/21 12:54		
4-Bromofluorobenzene (S)					08/03/21 12:54	96.4	70-130
Dibromofluoromethane (S)					08/03/21 12:54	95.8	70-130
1,2-Dichloroethane - d4 (S)					08/03/21 12:54	87.6	70-130
Toluene-d8 (S)					08/03/21 12:54	91.6	70-130

Laboratory Control Sample & LCSD LCS-V7231 LCSD-V7231

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Acetone	µg/L	40.0	39.4	39.0	98.5	97.5	40-160	1.0	20.0
Benzene	µg/L	20.0	20.8	20.4	104	102	70-130	1.9	20.0
Bromobenzene	µg/L	20.0	17.0	15.9	85.0	79.5	70-130	6.6	20.0
Bromochloromethane	µg/L	20.0	23.0	22.6	115	113	70-130	1.7	20.0
Bromodichloromethane	µg/L	20.0	21.4	20.9	107	105	70-130	2.3	20.0

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QC Prep: V7231
QC Prep Batch Method: 6200 PT
QC Analytical Batch(es): V7233
Analysis Method: 6200B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-V7231 LCSD-V7231

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Bromoform	µg/L	20.0	21.3	19.4	107	97.0	70-130	9.3	20.0
Bromomethane	µg/L	20.0	20.7	19.3	104	96.5	60-140	7.0	20.0
n-Butylbenzene	µg/L	20.0	18.4	16.7	92.0	83.5	70-130	9.6	20.0
sec-Butyl benzene	µg/L	20.0	18.1	17.5	90.5	87.5	70-130	3.3	20.0
tert-Butyl benzene	µg/L	20.0	18.3	18.1	91.5	90.5	70-130	1.0	20.0
Carbon Tetrachloride	µg/L	20.0	23.3	22.4	117	112	70-130	3.9	20.0
Chlorobenzene	µg/L	20.0	19.5	19.2	97.5	96.0	70-130	1.5	20.0
Chlorodibromomethane	µg/L	20.0	20.7	20.3	104	102	70-130	1.9	20.0
Chloroethane	µg/L	20.0	20.0	19.8	100	99.0	60-140	1.0	20.0
Chloroform	µg/L	20.0	20.4	19.9	102	99.5	70-130	2.4	20.0
Chloromethane	µg/L	20.0	20.4	20.4	102	102	60-140	0.0	20.0
2-Chlorotoluene	µg/L	20.0	18.3	17.6	91.5	88.0	70-130	3.8	20.0
4-Chlorotoluene	µg/L	20.0	17.8	17.1	89.0	85.5	70-130	4.0	20.0
Di-Isopropyl Ether (DIPE)	µg/L	20.0	19.7	19.8	98.5	99.0	70-130	0.5	20.0
1,2-Dibromo-3-Chloropropane	µg/L	20.0	20.0	20.8	100	104	70-130	3.9	20.0
1,2-Dibromoethane	µg/L	20.0	21.2	20.3	106	102	70-130	4.3	20.0
Dibromomethane	µg/L	20.0	20.6	20.7	103	104	70-130	0.4	20.0
1,2-Dichlorobenzene	µg/L	20.0	18.6	18.2	93.0	91.0	70-130	2.1	20.0
1,3-Dichlorobenzene	µg/L	20.0	18.4	18.3	92.0	91.5	70-130	0.5	20.0
1,4-Dichlorobenzene	µg/L	20.0	18.4	17.9	92.0	89.5	70-130	2.7	20.0
Dichlorodifluoromethane	µg/L	20.0	18.3	17.8	91.5	89.0	60-140	2.7	20.0
1,1-Dichloroethane	µg/L	20.0	20.6	20.2	103	101	70-130	1.9	20.0
1,2-Dichloroethane	µg/L	20.0	20.1	19.6	101	98.0	70-130	2.5	20.0
1,1-Dichloroethene	µg/L	20.0	20.9	20.5	105	103	70-130	1.9	20.0
cis-1,2-Dichloroethene	µg/L	20.0	19.6	19.5	98.0	97.5	70-130	0.5	20.0
trans-1,2-Dichloroethene	µg/L	20.0	20.6	20.2	103	101	70-130	1.9	20.0

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7231
QC Prep Batch Method: 6200 PT
QC Analytical Batch(es): V7233
Analysis Method: 6200B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-V7231 LCSD-V7231

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,2-Dichloropropane	µg/L	20.0	19.7	19.3	98.5	96.5	70-130	2.0	20.0
1,3-Dichloropropane	µg/L	20.0	19.1	18.9	95.5	94.5	70-130	1.0	20.0
2,2-Dichloropropane	µg/L	20.0	24.6	20.5	123	103	70-130	18.1	20.0
1,1-Dichloropropene	µg/L	20.0	20.4	20.6	102	103	70-130	0.9	20.0
cis-1,3-Dichloropropene	µg/L	20.0	22.0	21.6	110	108	70-130	1.8	20.0
trans-1,3-Dichloropropene	µg/L	20.0	23.3	22.4	117	112	70-130	3.9	20.0
Ethanol	µg/L	500	519	597	104	119	60-140	13.9	20.0
Ethylbenzene	µg/L	20.0	19.3	18.3	96.5	91.5	70-130	5.3	20.0
Hexachlorobutadiene	µg/L	20.0	20.1	21.2	101	106	70-130	5.3	20.0
2-Hexanone	µg/L	20.0	17.9	18.4	89.5	92.0	60-140	2.7	20.0
Isopropylbenzene	µg/L	20.0	18.2	20.8	91.0	104	70-130	13.3	20.0
4-Isopropyl toluene	µg/L	20.0	18.4	17.4	92.0	87.0	70-130	5.5	20.0
Methyl Ethyl Ketone (MEK)	µg/L	20.0	17.1	18.0	85.5	90.0	60-140	5.1	20.0
Methyl tert-butyl ether (MTBE)	µg/L	20.0	24.5	22.8	123	114	70-130	7.1	20.0
4-Methyl-2-Pentanone	µg/L	20.0	19.0	19.5	95.0	97.5	60-140	2.5	20.0
Methylene Chloride	µg/L	20.0	18.8	18.1	94.0	90.5	70-130	3.7	20.0
Naphthalene	µg/L	20.0	21.7	18.7	109	93.5	70-130	14.8	20.0
n-Propylbenzene	µg/L	20.0	18.1	16.7	90.5	83.5	70-130	8.0	20.0
Styrene	µg/L	20.0	20.0	16.8	100	84.0	70-130	17.3	20.0
1,1,1,2-Tetrachloroethane	µg/L	20.0	21.2	18.8	106	94.0	70-130	12.0	20.0
1,1,2,2-Tetrachloroethane	µg/L	20.0	16.8	15.2	84.0	76.0	70-130	10.0	20.0
Tetrachloroethene	µg/L	20.0	20.7	20.5	104	103	70-130	0.9	20.0
Toluene	µg/L	20.0	20.9	20.7	105	104	70-130	0.9	20.0
1,2,3-Trichlorobenzene	µg/L	20.0	20.5	17.6	103	88.0	70-130	15.2	20.0
1,2,4-Trichlorobenzene	µg/L	20.0	20.7	19.0	104	95.0	70-130	8.5	20.0
1,1,1-Trichloroethane	µg/L	20.0	22.5	22.4	113	112	70-130	0.4	20.0

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Quality Control Data

Client ID: **Synterra Corporation - Cary**
Project Description: **Parcel 65**
Report No: **21-211-0017**

QC Prep: V7231
QC Prep Batch Method: 6200 PT
QC Analytical Batch(es): V7233
Analysis Method: 6200B
Analysis Description: Volatile Organic Compounds - GC/MS

Laboratory Control Sample & LCSD LCS-V7231 LCSD-V7231

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
1,1,2-Trichloroethane	µg/L	20.0	21.4	21.2	107	106	70-130	0.9	20.0
Trichloroethene	µg/L	20.0	21.8	21.1	109	106	70-130	3.2	20.0
Trichlorofluoromethane	µg/L	20.0	21.0	20.4	105	102	60-140	2.8	20.0
1,2,3-Trichloropropane	µg/L	20.0	17.7	18.9	88.5	94.5	70-130	6.5	20.0
1,2,4-Trimethylbenzene	µg/L	20.0	18.2	18.0	91.0	90.0	70-130	1.1	20.0
1,3,5-Trimethylbenzene	µg/L	20.0	18.5	17.9	92.5	89.5	70-130	3.2	20.0
Vinyl Acetate	µg/L	20.0	24.8	24.5	124	123	60-140	1.2	20.0
Vinyl Chloride	µg/L	20.0	17.5	17.0	87.5	85.0	60-140	2.8	20.0
o-Xylene	µg/L	20.0	19.9	17.1	99.5	85.5	70-130	15.1	20.0
m,p-Xylene	µg/L	40.0	40.6	34.7	102	86.7	70-130	15.6	20.0
4-Bromofluorobenzene (S)					94.6	91.4	70-130		
Dibromofluoromethane (S)					97.4	96.2	70-130		
1,2-Dichloroethane - d4 (S)					91.6	91.8	70-130		
Toluene-d8 (S)					91.0	91.4	70-130		

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Lab Reagent Blank LRB-V7150 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acenaphthene	µg/L	<7.12	7.12	10.0	08/02/21 16:53		
Acenaphthylene	µg/L	<6.94	6.94	20.0	08/02/21 16:53		
Anthracene	µg/L	<6.57	6.57	10.0	08/02/21 16:53		
Benzidine	µg/L	<5.08	5.08	10.0	08/02/21 16:53		
Benzo(a)anthracene	µg/L	<6.65	6.65	10.0	08/02/21 16:53		
Benzo(a)pyrene	µg/L	<4.67	4.67	10.0	08/02/21 16:53		
Benzo(b)fluoranthene	µg/L	<4.52	4.52	10.0	08/02/21 16:53		
Benzo(g,h,i)perylene	µg/L	<4.24	4.24	10.0	08/02/21 16:53		
Benzo(k)fluoranthene	µg/L	<4.86	4.86	10.0	08/02/21 16:53		
Benzoic Acid	µg/L	<11.5	11.5	50.0	08/02/21 16:53		
Benzyl alcohol	µg/L	<8.60	8.60	10.0	08/02/21 16:53		
Bis(2-Chloroethoxy)methane	µg/L	<5.67	5.67	10.0	08/02/21 16:53		
Bis(2-Chloroethyl)ether	µg/L	<7.30	7.30	10.0	08/02/21 16:53		
Bis(2-Chloroisopropyl)ether	µg/L	<6.59	6.59	10.0	08/02/21 16:53		
Bis(2-ethylhexyl)phthalate	µg/L	<8.80	8.80	10.0	08/02/21 16:53		
4-Bromophenyl phenyl ether	µg/L	<6.26	6.26	20.0	08/02/21 16:53		
Butyl benzyl phthalate	µg/L	<4.53	4.53	10.0	08/02/21 16:53		
4-Chloro-3-methylphenol	µg/L	<5.23	5.23	10.0	08/02/21 16:53		
2-Chloronaphthalene	µg/L	<7.38	7.38	20.0	08/02/21 16:53		
2-Chlorophenol	µg/L	<6.58	6.58	10.0	08/02/21 16:53		
4-Chlorophenyl phenyl ether	µg/L	<6.99	6.99	20.0	08/02/21 16:53		
Chrysene	µg/L	<5.38	5.38	10.0	08/02/21 16:53		
Dibenz(a,h)anthracene	µg/L	<6.01	6.01	20.0	08/02/21 16:53		
Dibenzofuran	µg/L	<5.08	5.08	20.0	08/02/21 16:53		
1,2-Dichlorobenzene	µg/L	<5.91	5.91	10.0	08/02/21 16:53		
1,3-Dichlorobenzene	µg/L	<5.83	5.83	10.0	08/02/21 16:53		
1,4-Dichlorobenzene	µg/L	<5.91	5.91	10.0	08/02/21 16:53		

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Lab Reagent Blank LRB-V7150 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
3,3'-Dichlorobenzidine	µg/L	<6.60	6.60	10.0	08/02/21 16:53		
2,4-Dichlorophenol	µg/L	<5.54	5.54	10.0	08/02/21 16:53		
Diethyl phthalate	µg/L	<9.35	9.35	20.0	08/02/21 16:53		
Dimethyl phthalate	µg/L	<7.82	7.82	10.0	08/02/21 16:53		
2,4-Dimethylphenol	µg/L	<10.9	10.9	20.0	08/02/21 16:53		
Di-n-butyl phthalate	µg/L	<7.35	7.35	10.0	08/02/21 16:53		
4,6-Dinitro-2-methylphenol	µg/L	<9.92	9.92	30.0	08/02/21 16:53		
2,4-Dinitrophenol	µg/L	<10.6	10.6	30.0	08/02/21 16:53		
2,4-Dinitrotoluene	µg/L	<5.20	5.20	10.0	08/02/21 16:53		
2,6-Dinitrotoluene	µg/L	<5.90	5.90	20.0	08/02/21 16:53		
Di-n-Octyl Phthalate	µg/L	<5.01	5.01	10.0	08/02/21 16:53		
Fluoranthene	µg/L	<6.03	6.03	10.0	08/02/21 16:53		
Fluorene	µg/L	<7.27	7.27	10.0	08/02/21 16:53		
Hexachlorobenzene	µg/L	<5.75	5.75	20.0	08/02/21 16:53		
Hexachlorobutadiene	µg/L	<5.88	5.88	20.0	08/02/21 16:53		
Hexachlorocyclopentadiene	µg/L	<5.90	5.90	20.0	08/02/21 16:53		
Hexachloroethane	µg/L	<5.22	5.22	10.0	08/02/21 16:53		
Indeno(1,2,3-cd)pyrene	µg/L	<6.20	6.20	10.0	08/02/21 16:53		
Isophorone	µg/L	<6.71	6.71	10.0	08/02/21 16:53		
Naphthalene	µg/L	<7.88	7.88	10.0	08/02/21 16:53		
Nitrobenzene	µg/L	<7.88	7.88	10.0	08/02/21 16:53		
2-Nitrophenol	µg/L	<5.49	5.49	10.0	08/02/21 16:53		
4-Nitrophenol	µg/L	<2.81	2.81	10.0	08/02/21 16:53		
N-Nitrosodiphenylamine	µg/L	<10.9	10.9	20.0	08/02/21 16:53		
N-Nitroso-di-n-propylamine	µg/L	<8.10	8.10	20.0	08/02/21 16:53		
Pentachlorophenol	µg/L	<9.73	9.73	50.0	08/02/21 16:53		
Phenanthrene	µg/L	<6.34	6.34	10.0	08/02/21 16:53		

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Lab Reagent Blank LRB-V7150 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Phenol	µg/L	<2.86	2.86	10.0	08/02/21 16:53		
Pyrene	µg/L	<5.42	5.42	10.0	08/02/21 16:53		
1,2,4-Trichlorobenzene	µg/L	<6.25	6.25	10.0	08/02/21 16:53		
2,4,6-Trichlorophenol	µg/L	<6.29	6.29	20.0	08/02/21 16:53		
2-Fluorobiphenyl (S)					08/02/21 16:53	64.8	49-118
2-Fluorophenol (S)					08/02/21 16:53	32.6	22-84
Nitrobenzene-d5 (S)					08/02/21 16:53	57.0	43-123
4-Terphenyl-d14 (S)					08/02/21 16:53	101	49-151
2,4,6-Tribromophenol (S)					08/02/21 16:53	79.9	31-144
Phenol-d5 (S)					08/02/21 16:53	22.9	10-63

Laboratory Control Sample LCS-V7150

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acenaphthene	µg/L	50.0	33.1	66.2	47-145
Acenaphthylene	µg/L	50.0	34.9	69.8	33-145
Anthracene	µg/L	50.0	45.1	90.2	27-133
Benzidine	µg/L	50.0	40.3	80.6	15-150
Benzo(a)anthracene	µg/L	50.0	44.1	88.2	33-143
Benzo(a)pyrene	µg/L	50.0	53.0	106	17-163
Benzo(b)fluoranthene	µg/L	50.0	47.2	94.4	24-159
Benzo(g,h,i)perylene	µg/L	50.0	45.7	91.4	10-219
Benzo(k)fluoranthene	µg/L	50.0	46.5	93.0	11-162
Benzoic Acid	µg/L	50.0	16.0	0.0*	10-125
Benzyl alcohol	µg/L	50.0	32.4	64.8	16-107
Bis(2-Chloroethoxy)methane	µg/L	50.0	41.0	82.0	33-184
Bis(2-Chloroethyl)ether	µg/L	50.0	27.4	54.8	12-158

* QC Fail

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Laboratory Control Sample LCS-V7150

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Bis(2-Chloroisopropyl)ether	µg/L	50.0	27.6	55.2	36-166
Bis(2-ethylhexyl)phthalate	µg/L	50.0	49.9	99.8	10-158
4-Bromophenyl phenyl ether	µg/L	50.0	41.2	82.4	53-127
Butyl benzyl phthalate	µg/L	50.0	47.4	94.8	10-152
4-Chloro-3-methylphenol	µg/L	50.0	43.6	87.2	22-147
2-Chloronaphthalene	µg/L	50.0	25.9	51.8*	60-118
2-Chlorophenol	µg/L	50.0	31.3	62.6	23-134
4-Chlorophenyl phenyl ether	µg/L	50.0	39.9	79.8	25-158
Chrysene	µg/L	50.0	44.9	89.8	17-168
Dibenz(a,h)anthracene	µg/L	50.0	29.4	58.8	10-227
Dibenzofuran	µg/L	50.0	37.4	74.8	39-114
1,2-Dichlorobenzene	µg/L	50.0	13.0	26.0*	32-129
1,3-Dichlorobenzene	µg/L	50.0	12.2	24.4	20-124
1,4-Dichlorobenzene	µg/L	50.0	12.0	24.0	20-124
3,3'-Dichlorobenzidine	µg/L	50.0	48.8	97.6	10-262
2,4-Dichlorophenol	µg/L	50.0	38.2	76.4	39-135
Diethyl phthalate	µg/L	50.0	45.7	91.4	10-114
Dimethyl phthalate	µg/L	50.0	43.1	86.2	10-112
2,4-Dimethylphenol	µg/L	50.0	38.8	77.6	32-119
Di-n-butyl phthalate	µg/L	50.0	50.3	101	10-118
4,6-Dinitro-2-methylphenol	µg/L	50.0	41.7	83.4	10-181
2,4-Dinitrophenol	µg/L	50.0	40.2	80.4	10-191
2,4-Dinitrotoluene	µg/L	50.0	46.2	92.4	39-139
2,6-Dinitrotoluene	µg/L	50.0	45.5	91.0	50-158
Di-n-Octyl Phthalate	µg/L	50.0	50.1	100	10-146
Fluoranthene	µg/L	50.0	45.8	91.6	26-137
Fluorene	µg/L	50.0	41.1	82.2	59-121

* QC Fail

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Laboratory Control Sample LCS-V7150

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Hexachlorobenzene	µg/L	50.0	43.5	87.0	10-152
Hexachlorobutadiene	µg/L	50.0	13.9	0.0*	24-116
Hexachlorocyclopentadiene	µg/L	50.0	12.3	0.0*	32-117
Hexachloroethane	µg/L	50.0	10.9	21.8*	40-113
Indeno(1,2,3-cd)pyrene	µg/L	50.0	46.2	92.4	10-171
Isophorone	µg/L	50.0	35.2	70.4	21-196
Naphthalene	µg/L	50.0	18.6	37.2	21-133
Nitrobenzene	µg/L	50.0	30.9	61.8	35-180
2-Nitrophenol	µg/L	50.0	33.7	67.4	29-182
4-Nitrophenol	µg/L	50.0	24.5	49.0	10-132
N-Nitrosodiphenylamine	µg/L	50.0	52.4	105	69-152
N-Nitroso-di-n-propylamine	µg/L	50.0	36.5	73.0	10-230
Pentachlorophenol	µg/L	50.0	42.8	0.0*	14-176
Phenanthrene	µg/L	50.0	44.7	89.4	54-120
Phenol	µg/L	50.0	15.8	31.6	10-112
Pyrene	µg/L	50.0	45.2	90.4	52-115
1,2,4-Trichlorobenzene	µg/L	50.0	14.5	29.0*	44-142
2,4,6-Trichlorophenol	µg/L	50.0	40.6	81.2	37-144
2-Fluorobiphenyl (S)				66.8	49-118
2-Fluorophenol (S)				38.3	22-84
Nitrobenzene-d5 (S)				66.4	43-123
4-Terphenyl-d14 (S)				117	49-151
2,4,6-Tribromophenol (S)				94.6	31-144
Phenol-d5 (S)				27.0	10-63

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Matrix Spike & Matrix Spike Duplicate V 92607-MS-V7150 V 92607-MSD-V7150

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Acenaphthene	µg/L	< 18.7	132	135	35.8	26.0	27.1*	0.0*	47-145	28.0	33.0
Acenaphthylene	µg/L	< 18.3	132	135	37.5	27.2	0.0*	0.0*	33-145	0.0	30.0
Anthracene	µg/L	< 17.3	132	135	39.9	31.8	30.2	23.5*	27-133	22.5	27.0
Benzidine	µg/L	< 13.4	132	135	<13.4	<13.7	0.0*	0.0*	15-150	0.0	50.0
Benzo(a)anthracene	µg/L	< 17.5	132	135	40.4	32.0	30.6*	23.7*	33-143	23.2*	18.0
Benzo(a)pyrene	µg/L	< 12.3	132	135	47.8	37.0	36.2	27.4	17-163	25.4*	21.0
Benzo(b)fluoranthene	µg/L	< 11.9	132	135	43.8	34.5	33.1	25.5	24-159	23.7	34.0
Benzo(g,h,i)perylene	µg/L	< 11.2	132	135	41.8	32.3	31.6	23.9	10-219	25.6	27.0
Benzo(k)fluoranthene	µg/L	< 12.8	132	135	43.8	33.1	33.1	24.5	11-162	27.8	39.0
Benzoic Acid	µg/L	< 30.4	132	135	<30.4	<31.1	0.0*	0.0*	10-125	0.0	51.0
Benzyl alcohol	µg/L	< 22.6	132	135	41.1	44.2	31.1	32.7	16-107	7.2	37.0
Bis(2-Chloroethoxy)methane	µg/L	< 14.9	132	135	37.4	26.3	28.3*	0.0*	33-184	32.2*	30.0
Bis(2-Chloroethyl)ether	µg/L	< 19.2	132	135	25.6	20.0	0.0*	0.0*	12-158	0.0	33.0
Bis(2-Chloroisopropyl)ether	µg/L	< 17.3	132	135	28.7	21.1	21.7*	0.0*	36-166	6.1	34.0
Bis(2-ethylhexyl)phthalate	µg/L	< 23.1	132	135	48.5	37.8	36.7	28.0	10-158	24.7*	21.0
4-Bromophenyl phenyl ether	µg/L	< 16.5	132	135	36.3	28.5	0.0*	0.0*	53-127	0.0	21.0
Butyl benzyl phthalate	µg/L	< 11.9	132	135	42.6	33.2	32.2	24.5	10-152	24.8*	23.0
4-Chloro-3-methylphenol	µg/L	< 13.8	132	135	14.4	19.6	0.0*	0.0*	22-147	0.0	25.0
2-Chloronaphthalene	µg/L	< 19.4	132	135	33.4	25.2	0.0*	0.0*	60-118	0.0	30.0
2-Chlorophenol	µg/L	< 17.3	132	135	<17.3	<17.8	0.0*	0.0*	23-134	0.0	37.0
4-Chlorophenyl phenyl ether	µg/L	< 18.4	132	135	36.3	29.0	0.0*	0.0*	25-158	0.0	29.0
Chrysene	µg/L	< 14.1	132	135	41.7	32.5	31.5	24.0	17-168	24.7	30.0
Dibenz(a,h)anthracene	µg/L	< 15.8	132	135	27.1	20.3	0.0*	0.0*	10-227	0.0	28.0
Dibenzofuran	µg/L	< 13.4	132	135	37.4	27.9	0.0*	0.0*	39-114	0.0	23.0
1,2-Dichlorobenzene	µg/L	< 15.5	132	135	22.3	16.2	0.0*	0.0*	32-129	0.0	34.0
1,3-Dichlorobenzene	µg/L	< 15.3	132	135	21.7	<15.7	0.0*	0.0*	20-124	0.0	36.0

* QC Fail

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Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Matrix Spike & Matrix Spike Duplicate V 92607-MS-V7150 V 92607-MSD-V7150

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
1,4-Dichlorobenzene	µg/L	< 15.5	132	135	20.7	<16.0	0.0*	0.0*	20-124	0.0	35.0
3,3'-Dichlorobenzidine	µg/L	< 17.4	132	135	<17.4	<17.8	0.0*	0.0*	10-262	0.0	34.0
2,4-Dichlorophenol	µg/L	< 14.6	132	135	<14.6	15.4	0.0*	0.0*	39-135	0.0	31.0
Diethyl phthalate	µg/L	< 24.6	132	135	42.0	29.8	0.0*	0.0*	10-114	0.0	22.0
Dimethyl phthalate	µg/L	< 20.6	132	135	40.0	27.5	30.3	20.3	10-112	37.0*	25.0
2,4-Dimethylphenol	µg/L	< 28.8	132	135	<28.8	<29.6	0.0*	0.0*	32-119	0.0	36.0
Di-n-butyl phthalate	µg/L	< 19.3	132	135	45.9	36.3	34.7	26.8	10-118	23.3	24.0
4,6-Dinitro-2-methylphenol	µg/L	< 26.1	132	135	<26.1	<26.8	0.0*	0.0*	10-181	0.0	35.0
2,4-Dinitrophenol	µg/L	< 28.0	132	135	<28.0	29.5	0.0*	0.0*	10-191	0.0	41.0
2,4-Dinitrotoluene	µg/L	< 13.7	132	135	42.4	28.7	32.1*	21.2*	39-139	38.5*	24.0
2,6-Dinitrotoluene	µg/L	< 15.5	132	135	41.1	29.1	0.0*	0.0*	50-158	0.0	28.0
Di-n-Octyl Phthalate	µg/L	< 13.2	132	135	45.8	36.0	34.6	26.6	10-146	23.9*	21.0
Fluoranthene	µg/L	< 15.9	132	135	43.3	34.6	32.8	25.6*	26-137	22.3	26.0
Fluorene	µg/L	< 19.1	132	135	37.9	29.2	28.7*	21.6*	59-121	25.9	30.0
Hexachlorobenzene	µg/L	< 15.1	132	135	38.5	29.5	0.0*	0.0*	10-152	0.0	29.0
Hexachlorobutadiene	µg/L	< 15.5	132	135	24.4	17.4	0.0*	0.0*	24-116	0.0	35.0
Hexachlorocyclopentadiene	µg/L	< 15.5	132	135	21.3	<16.0	0.0*	0.0*	32-117	0.0	36.0
Hexachloroethane	µg/L	< 13.7	132	135	20.1	15.0	0.0*	0.0*	40-113	0.0	37.0
Indeno(1,2,3-cd)pyrene	µg/L	< 16.3	132	135	40.8	32.2	30.9	23.8	10-171	23.5	34.0
Isophorone	µg/L	< 17.6	132	135	31.5	21.0	23.8	0.0*	21-196	15.3	27.0
Naphthalene	µg/L	< 20.7	132	135	29.2	<21.3	22.1	0.0*	21-133	7.8	35.0
Nitrobenzene	µg/L	< 20.7	132	135	31.4	23.3	23.7*	0.0*	35-180	15.0	34.0
2-Nitrophenol	µg/L	< 14.4	132	135	<14.4	<14.8	0.0*	0.0*	29-182	0.0	33.0
4-Nitrophenol	µg/L	< 7.39	132	135	15.7	24.9	0.0*	0.0*	10-132	0.0	40.0
N-Nitrosodiphenylamine	µg/L	< 28.7	132	135	33.9	<29.6	0.0*	0.0*	69-152	0.0	26.0
N-Nitroso-di-n-propylamine	µg/L	< 21.3	132	135	32.4	22.6	0.0*	0.0*	10-230	0.0	33.0

* QC Fail

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Quality Control Data

Client ID: **Synterra Corporation - Cary**
Project Description: **Parcel 65**
Report No: **21-211-0017**

QC Prep: V7150
QC Prep Batch Method: 625.1 (Prep)
QC Analytical Batch(es): V7251
Analysis Method: 625.1
Analysis Description: 625.1 - Base/Neutrals and Acids by GC/MS

Matrix Spike & Matrix Spike Duplicate V 92607-MS-V7150 V 92607-MSD-V7150

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Pentachlorophenol	µg/L	< 25.7	132	135	<25.7	<26.3	0.0*	0.0*	14-176	0.0	36.0
Phenanthrene	µg/L	< 16.7	132	135	41.4	31.6	31.3*	23.4*	54-120	26.8*	23.0
Phenol	µg/L	< 7.52	132	135	13.4	22.5	0.0*	0.0*	10-112	0.0	43.0
Pyrene	µg/L	< 14.3	132	135	42.7	33.0	32.3*	24.4*	52-115	25.6	31.0
1,2,4-Trichlorobenzene	µg/L	< 16.4	132	135	25.3	18.2	0.0*	0.0*	44-142	0.0	30.0
2,4,6-Trichlorophenol	µg/L	< 16.5	132	135	<16.5	<17.0	0.0*	0.0*	37-144	0.0	30.0
2-Fluorobiphenyl (S)							24.7*	18.2*	49-118		
2-Fluorophenol (S)							6.1*	11.5*	22-84		
Nitrobenzene-d5 (S)							22.4*	16.0*	43-123		
4-Terphenyl-d14 (S)							28.1*	22.7*	49-151		
2,4,6-Tribromophenol (S)							7.3*	9.4*	31-144		
Phenol-d5 (S)							6.6*	12.9	10-63		

Waypoint ANALYTICAL
449 Springbrook Rd, Charlotte, NC 28217
Main 704.529.6364
www.waypointanalytical.com

Quality Control Data

Client ID: Synterra Corporation - Cary
Project Description: Parcel 65
Report No: 21-211-0017

QC Prep: V7234
QC Prep Batch Method: MAEPH (Prep)
QC Analytical Batch(es): V7419
Analysis Method: MADEP-EPH
Analysis Description: Massachusetts EPH

Lab Reagent Blank LRB-V7234 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Aliphatic C9-C18	µg/L	<28.2	28.2	350	08/09/21 15:26		
Aliphatic C19-C36	µg/L	<124	124	500	08/09/21 15:26		
Aromatic C11-C22	µg/L	<61.2	61.2	250	08/09/21 15:26		
2-Fluorobiphenyl (S)					08/09/21 15:26	79.7	40-140
2-Bromonaphthalene (S)					08/09/21 15:26	57.5	40-140
Chlorooctadecane (S)					08/09/21 15:26	80.0	40-140
OTP Surrogate (S)					08/09/21 15:26	67.5	40-140

Laboratory Control Sample & LCSD LCS-V7234 LCSD-V7234

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Aliphatic C9-C18	µg/L	600	359	358	59.8	59.6	40-140	0.2	50.0
Aliphatic C19-C36	µg/L	800	652	621	81.5	77.6	40-140	4.8	50.0
Aromatic C11-C22	µg/L	1700	1320	1210	77.6	71.1	40-140	8.6	50.0
2-Fluorobiphenyl (S)					87.7	83.5	40-140		
2-Bromonaphthalene (S)					78.2	83.5	40-140		
Chlorooctadecane (S)					78.5	73.0	40-140		
OTP Surrogate (S)					81.5	75.0	40-140		

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Quality Control Data

Client ID: **Synterra Corporation - Cary**
Project Description: **Parcel 65**
Report No: **21-211-0017**

QC Prep: V7128
QC Prep Batch Method: MAVPH (Prep)
QC Analytical Batch(es): V7130
Analysis Method: MADEP-VPH
Analysis Description: Massachusetts VPH

Lab Reagent Blank LRB-V7128 Matrix: AQU
Associated Lab Samples: 92706, 92707

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Aliphatic C5-C8	µg/L	<11.5	11.5	50.0	07/30/21 16:34		
Aliphatic C9-C12	µg/L	<25.8	25.8	50.0	07/30/21 16:34		
Aromatic C9-C10	µg/L	<4.02	4.02	50.0	07/30/21 16:34		
2,5-Dibromotoluene (FID) (S)					07/30/21 16:34	95.4	70-130
2,5-Dibromotoluene (PID) (S)					07/30/21 16:34	92.4	70-130

Laboratory Control Sample & LCSD LCS-V7128 LCSD-V7128

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Aliphatic C5-C8	µg/L	300	334	347	111	116	70-130	3.8	50.0
Aliphatic C9-C12	µg/L	300	325	334	108	111	70-130	2.7	50.0
Aromatic C9-C10	µg/L	100	102	104	102	104	70-130	1.9	50.0
2,5-Dibromotoluene (FID) (S)					95.7	97.2	70-130		
2,5-Dibromotoluene (PID) (S)					93.0	93.9	70-130		

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Shipment Receipt Form

Customer Number: **00018**
Customer Name: **Synterra Corporation - Cary**
Report Number: **21-211-0017**

Shipping Method

○ Fed Ex	○ US Postal	○ Lab	○ Other :	
○ UPS	○ Client	◉ Courier	Thermometer ID:	IRT-15 5.1 C

Shipping container/cooler uncompromised?	◉ Yes	○ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	○ Yes	○ No	◉ Not Present
Custody seals intact on sample bottles?	○ Yes	○ No	◉ Not Present
Chain of Custody (COC) present?	◉ Yes	○ No	
COC agrees with sample label(s)?	◉ Yes	○ No	
COC properly completed	◉ Yes	○ No	
Samples in proper containers?	◉ Yes	○ No	
Sample containers intact?	◉ Yes	○ No	
Sufficient sample volume for indicated test(s)?	◉ Yes	○ No	
All samples received within holding time?	◉ Yes	○ No	
Cooler temperature in compliance?	◉ Yes	○ No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	◉ Yes	○ No	
Water - Sample containers properly preserved	◉ Yes	○ No	○ N/A
Water - VOA vials free of headspace	◉ Yes	○ No	○ N/A
Trip Blanks received with VOAs	○ Yes	○ No	◉ N/A
Soil VOA method 5035 – compliance criteria met	○ Yes	○ No	◉ N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)
☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included?	○ Yes	◉ No

Comments:

Signature: Angela D Overcash Date & Time: 08/10/2021 13:48:36

CHAIN OF CUSTODY RECORD

Waypoint ANALYTICAL
449 Springbrook Road • Charlotte, NC 28217
Phone 704/529-6364 • Fax: 704/525-0409

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING:

Client Company Name: SynTerra
Report To/Contact Name: Hcarter@synterracorp
Reporting Address: 511 Keisler Dr Suite 102
Cary, NC 27518
Phone: 919 858-9843 (Yes)(No): No
Email Address: jsikes@synterracorp.com
EDD Type: PDF X Excel X Other
Site Location Name: Washington, NC
Site Location Physical Address: 8889 US 17
Washington, NC

Project Name: Parcel 65
Short Hold Analysis (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: AP@synterracorp.com
Address:

Purchase Order No./Billing Reference
Requested Due Date ❑ 1 Day ❑ 2 Days ❑ 3 Days ❑ 4 Days ❑ 5 Days
"Working Days" ❑ 6-9 Days X Standard 10 days ❑ Rush Work Must Be Pre Approved
Samples received after 15:00 will be processed next business day.
Turnaround time is based on business days, excluding weekends and holidays.
(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY WAYPOINT ANALYTICAL, LLC TO CLIENT)

LAB USE ONLY

	YES	NO	N/A
Samples INTACT upon arrival?	X		
Received IN ICE?	X		
PROPER PRESERVATIVES indicated?	X		
Received WITHIN HOLDING TIMES?	X		
CUSTODY SEALS INTACT?	X		
VOLATILES rec'd W/OUT HEADSPACE?	X		
PROPER CONTAINERS used?	X		

TEMP: Therm ID: Tr#15 Observed 5.0 °C /Corr. 5.1 °C

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
Certification: NC X SC
Other N/A
Water Chlorinated: YES NO X
Samples Iced Upon Collection: YES X NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER, OR SLUDGE)	SAMPLE CONTAINER *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSIS REQUESTED VOCs	SVOCs	VPH	EPH			REMARKS	ID NO.
GW-1	7/28/21	1300	W		10			X	X	X	X				
GW-2	7/28/21	1600	W		10			X	X	X	X				

21-211-0017
00018
Synterra Corporation - Cary
Parcel 65
07-30-2021
12:05:42

PRESS DOWN FIRMLY - 2 COPIES

Sampler's Signature Julie Sikes | Sampled By (Print Name) Julie Sikes | Affiliation SynTerra

Upon relinquishing, this Chain of Custody is your authorization for Waypoint Analytical to proceed with the analyses as requested above. Any changes must be submitted in writing to the Waypoint Analytical Project Manager. There will be charges for any changes after analyses have been initialized.

		Date	Military/Hours
Relinquished By: (Signature) Julie Sikes	Received By: (Signature)	7/29/21	1314
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Waypoint Analytical By:	Date 7/29/21	1200

Method of Shipment: NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Waypoint Analytical Field Service ❑ Other

COC Group No. 7130121

Additional Comments:

LAB USE ONLY
Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

SEE REVERSE FOR TERMS & CONDITIONS

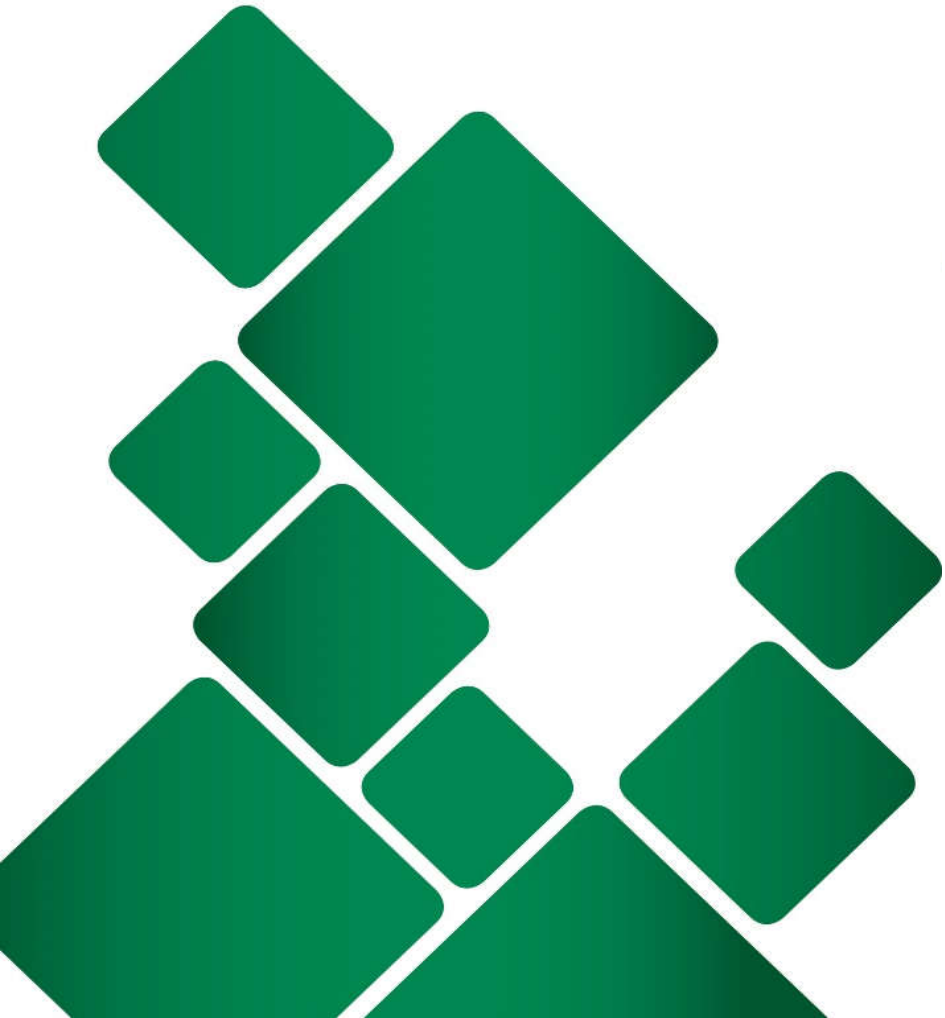
NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	BRWNFLD	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑	❑	❑	❑	❑	❑	❑	❑	❑

*CONTAINER TYPE CODES: A = Amber C = Clear G= Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

ORIGINAL

APPENDIX F

PHOTOGRAPHS



synTerra
Science & Engineering Consultants

1	**Description: Gas station USTs, uncovered**

2	**Description: Gas station USTs being removed**

3	**Description: Degraded heating oil UST**

4	**Description: Gas station UST excavation after backfilling**