D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

JAN 15 2008

MR SCOTT WARD
302 GENTRY RUN
GREENWOOD SC 29649

Re: Letter to Property Owner
Corner Stop 41, Old Laurens Rd., Greenwood, SC
UST Permit # 17043
Release reported April 1, 2004
Greenwood County

Dear Mr. Ward:

On January 4, 2008 Duncan Environmental Associates Incorporated requested a copy of the No Further Action (NFA) letter that was sent August 1, 2005 on your behalf. Once Duncan Environmental Associates Incorporated received the copy of the NFA letter they informed the Underground Storage Tank (UST) Program that the address for the site was incorrect on the NFA letter. The Program updated the database with the correct address for the site, which is 5201 Old Laurens Rd., Greenwood, SC.

On all correspondence related to this facility, please reference UST Permit # 17043. Should you have any questions, feel free to contact me by telephone at (803) 896-6323 or (800) 826-5435 (within South Carolina only), or by fax at (803) 896-6245. I can also be reached by email at brineysm@dhec.sc.gov.

Sincerely,

Stephanie Briney

Stephanie Briney, Hydrogeologist
Assessment Section
Assessment and Corrective Action Division
Underground Storage Tank Program
Bureau of Land and Waste Management

cc: Duncan Environmental Associates, Inc., 10817 C Two Notch Rd., Elgin, SC 29045 (w/enc)
Technical file (**NFA**)

UST PROGRAM
DOCKETING # Heel

D H E C

PROMOTE PROTECT PROSPER

C. Earl Hunter, Commissioner

Promoting and protecting the health of the public and the environment.

OCT 07 2010

24th UST DOCKET

MR SEAN O'REILLY
10026 GRANITE TRAIL LANE
CHARLOTTE NC 28214

Re: Letter of Concern
One Stop Marina, 5121 Old Laurens Rd., Greenwood, SC
UST Permit # 17043
Letter of Concern request received October 4, 2010
Greenwood County

Dear Mr. O'Reilly:

You requested that this office provide you with an update on the environmental conditions at the above referenced facility.

Our records revealed that two underground storage tank (USTs) owned by IT Sales LLC are currently in use and were last inspected March 24, 2010. We received a report on April 1, 2004 documenting subsurface contamination in the vicinity of the USTs. In response to the initial report of contamination, we directed Dass Inc., the tank owner at the time of the release, as the party responsible for performing this activity under state and federal law, to assess the extent and severity of the contamination. On July 26, 2005 we issued a No Further Action for the release reported April 1, 2004.

If you have any questions, please contact me at (803) 896-6323. I can also be reached by email at brineysm@dhec.sc.gov or by fax at (803) 896-6245.

Sincerely,

Stephanie Briney

Stephanie Briney, Hydrogeologist
Corrective Action Section
UST Management Division
Bureau of Land and Waste Management

cc: Technical File

UST DOCKETING

NPP - 18888 - 21 NPP
UST - 17043 - 3 tech

Field Notes

18888 - 5121 Old Laurens Rd.

- Drain (catch basin) soil looks and smells clean (no petroleum odor). No staining on pipe from catch basin.
- Black staining at discharge point is organic, rotting leaves (no petroleum odor)
- General pattern of PID readings is low shallow and increasing around 10'-14'. Water table at roughly 8'-10'.
- Along piping towards boat ramp dispenser, borings exhibit higher readings shallow (at elbow).
- Sheen on River. Actively discharging.
- Hand auger at boat ramp dispenser to about 2'-3' very strong fresh petroleum odor. This is at the location where sheen is observed. This is also right above the discharge point of the drainage [redacted] basin.

Field Notes
NPP 18888 > scan into both
UST 17043
- Hugo

Document Receipt Information

[X] Hard Copy [redacted] CD [ ] Email

Date Received 02/07/2025

Permit Number 17043 / 18888 NPP

Project Manager Ed Mendenhall

Name of Contractor Enviro South

Description Tier I Assessment Report

Docket Number 4T / 22 NPP

Scanned _____

Verified _____

ENVIROSOUTH
Environmental Consultants

February 3, 2025

Mr. Ed Mendenhall
SCDES
UST Management Division
Assessment and Non-Permitted Petroleum
2600 Bull Street
Columbia, South Carolina 29201

Re: Petroleum Release Summary
One Stop Marina
5121 Old Laurens Road
Greenwood, South Carolina
SCDES UST Site ID #17043
SCDES NPP UST Site #18888
EnviroSouth Job No. 1872

Dear Mr. Mendenhall:

On behalf of Mr. Ankur Patel of Siddhi Ganesh 2, LLC, EnviroSouth, Inc. is pleased to submit the attached petroleum release summary for the above-referenced site in Greenwood, South Carolina.

If you have any questions concerning our findings, please do not hesitate to call.

Sincerely,

EnviroSouth, Inc.
SCDES Certification No. 257

Wm. H. L

William H. Lyons, P.G.
Senior Hydrogeologist
S.C. Registration No. 908

cc: Mr. Ankur Patel, Siddhi Ganesh 2, LLC
Ms. Denise Place, SCDES, UST Management Division, Regulatory & Compliance

PETROLEUM RELEASE SUMMARY

1. Data collected from the site to date indicates that there is significant impact to soil, sediment, and groundwater quality as the result of two (2) current petroleum underground storage tank releases from a permitted UST system.

2. Based on PID readings from the site, evidence that soil quality has been impacted from a surficial petroleum release to the paved surface (asphalt/concrete) at the site was not encountered. Surficial PID readings of fourteen (14) soil borings (includes the previous soil assessment, report dated August 13, 2024) have been recorded at 1-foot intervals from 0 to 5 feet below ground surface (bgs).

3. Groundwater levels obtained from the site indicate that the depth to groundwater ranges between approximately 8 to 10 feet bgs.

4. There appears to be two (2) source areas of petroleum impact from the UST system based on the PID readings. This includes both the underground piping in the vicinity of soil sample S-8 and the marina dispenser. This is based on the vertical PID delineation cited above (0 to 5 feet bgs) and laboratory analytical data obtained from groundwater samples collected from the monitoring well network at the site.

5. The petroleum compounds benzene, toluene, ethylbenzene, xylene, naphthalene (BTEXMN), 1,2-dichloroethane (1,2-DCA), and oxygenates profile of soil and groundwater analytical data is indicative of an older, weathered gasoline release along the dispenser piping. The BTEXMN, 1,2-DCA, and oxygenates profile at the marina dispenser indicates a more recent release at that location.

6. The widespread groundwater quality impact further suggests an extended timeframe and therefore an older release. On older release would allow for greater petroleum compound migration in the groundwater compared to a more recent release.

7. On-site receptors include a water supply well as well as the waters and sediment of Lake Greenwood.

8. The on-site water supply well is 200 feet deep and was not impacted by petroleum constituents during the most recent assessment. The water of Lake Greenwood was not impacted above RBSLs in the sampled locations during the most recent assessment. However, the sediment from sample location SED-1 was impacted by elevated concentrations of petroleum compounds.

9. Additional assessment, abatement, and corrective measures are warranted for this site.

ENVIROSOUTH
Environmental Consultants

January 31, 2025

Mr. Ed Mendenhall
SCDES
Assessment & Unregulated Petroleum
UST Management Division
Bureau of Land and Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: Tier I Assessment Report
One Stop Marina
5121 Old Laurens Road
Greenwood, South Carolina
SCDES UST Site ID #17043
SCDES NPP UST Site ID #18888
EnviroSouth Job No. 1872

Dear Mr. Mendenhall:

Please find attached our Tier I Assessment Report pertaining to the above-referenced facility. A separate summary of findings and recommendations will be sent on Monday, February 3, 2025.

Please call us if you have any questions or if you need additional information.

Sincerely,

EnviroSouth, Inc.
SCDES Certification No. 257

Keigan K. Mennetti, P.E.
Environmental Engineer
S.C. License No. 40996

attachments

cc: Mr. Ankur Patel, Siddhi Ganesh 2, LLC

Prepared for:

Mr. Ankur Patel
Siddhi Ganesh 2, LLC
205 Fairway Drive
Laurens, South Carolina 29360

TIER I ASSESSMENT REPORT

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA

SCES UST SITE ID #17043
SCDES NPP UST SITE ID #18888

EnviroSouth Job No. 1872

Prepared by:

EnviroSouth, Inc.
3440 Augusta Road
Greenville, South Carolina 29605

SCDES Certification No. 257

January 31, 2025

A report prepared for:

Mr. Ankur Patel
Siddhi Ganesh 2, LLC
205 Fairway Drive
Laurens, South Carolina 29360

TIER I ASSESSMENT REPORT
ONE STOP MARINA
205 FAIRWAY DRIVE
LAURENS, SOUTH CAROLINA

SCDES UST SITE ID #17043
SCDES NPP UST SITD ID #18888

EnviroSouth Job No. 1872

EnviroSouth SCDES Certification No. 257

Prepared by:



William H. Lyons, P.G.
Senior Hydrogeologist
S.C. Registration No. 2705

Reviewed by:



Keigan K. Mennetti, P.E.
Environmental Engineer
S.C. Registration No. 908

EnviroSouth, Inc.
3440 Augusta Road
Greenville, South Carolina 29605
864-236-9010

January 31, 2025

APPENDICES

FIGURES

APPENDIX A – SITE SURVEY

APPENDIX B – FIELD SHEETS AND LABORATORY REPORTS

APPENDIX C – TAX MAP INFORMATION

APPENDIX D – GEOLOGIST LOGS AND SOIL BORING LOGS

APPENDIX E – WELL DEVELOPMENT FORMS AND WATER WELL RECORD FORMS

APPENDIX F – SLUG TEST DATA

APPENDIX G – WASTE DISPOSAL MANIFEST

APPENDIX H – CONTRACTOR CHECKLIST

*** NOTE: APPENDICES REGARDING: 1) LOCAL ZONING REGULATIONS, 2) FATE AND TRANSPORT MODELING; AND 3) ACCESS AGREEMENTS ARE NOT INCLUDED AS NONE ARE APPLICABLE TO THIS SITE***

TIER I ASSESSMENT REPORT OF FINDINGS

EnviroSouth Job No. 1872

I. INTRODUCTION

A. Owner/Operator Information

Facility name: One Stop Marina **UST Permit #** 17043

Name: Siddhi Ganesh 2, LLC

Address: 205 Fairway Drive, Laurens, South Carolina

Telephone Number (include area): 864-354-1729

B. Property Owner Information

Name (if different from above): Same as above

Address: Same as above

Telephone Number (include area code): Same as above

C. Contractor Information

Name: EnviroSouth, Inc.

SCDES Certification: 257

Address: 3440 Augusta Road, Greenville, South Carolina 29605

Telephone Number (include area code): 864-236-9010

D. Facility Information

Address: 5121 Old Laurens Road, Greenwood, South Carolina 29649

Description of Adjacent Land use (Commercial, residential, rural, etc.). Include documentation (e.g., zoning regulations) as appropriate: The subject property is bounded to the north by Lake Greenwood and vacant land; to the east by Old Laurens Road with a restaurant and Lake Greenwood beyond; to the west by Lake Greenwood; and to the south by Lake Drive with vacant land and residential properties beyond.

Predicated Future Land Use (include site and adjacent area): No changes in land use types are anticipated in the future for the site (current gas station and convenience store) and adjacent areas.

E. Facility History

Release Number: N/A - Non-permitted Site ID #18888

Date Release Reported to SCDHEC: February 10, 2023

Estimated Quantity of Product Released: Unknown

Cause of Release: Release reported because the former facility operator admitted to manually removing a fuel / water mixture from a tank sump and disposing of the liquid by pouring it onto the asphalt paving adjacent to the tank basin. After discussion with the South Carolina Department of Environmental Services, this assessment was performed to determine if the cause of the contamination documented in the August 13, 2024 Limited Soil Assessment is from the former operator's improper disposal or from a leaking underground storage tank system.

UST #	Product	Date Installed	Currently in use (Yes or No)	If not in use, Date Removed
1	Gasoline RUL	04/25/1995	Yes	Not applicable
2	Gasoline Super/Premium	04/25/1995	Yes	Not applicable

Other releases at this site? Yes ___X___ No _____
A release was reported on April 1, 2004 and issued a no further action status on July 26, 2005.

II. SITE CHARACTERISTICS

A. Site Geography

Describe the topography of the site and surrounding area (slope, vegetation, bodies of water, major land features, etc.): The subject site lies in the Piedmont Physiographic Province of South Carolina. The site land surface is generally flat. The property is situated in a generally rural residential and commercial area. The property is located west of Old Laurens Road, north of Lake Drive, and east/south of Lake Greenwood.

Mean Elevation of Site: 450 feet

B. Exposure Analysis

Describe all potential receptors and preferential pathways within a 1,000-foot radius of the site.

Description of Receptor	Distance/Direction from Site
Lake Greenwood	Lake Greenwood borders the site to the west and northwest. A dispenser for fueling boats is located on the northwest portion of the property as shown on Figure 2
Water Supply Wells	No public water is available on the site or in the surrounding area. Each developed property is served by an individual water-supply well. The on-site water supply well was sampled as part of this assessment and no petroleum compounds were detected.

Provide any additional comments necessary to complete the exposure analysis:
Lake Greenwood and the on-site water supply well were sampled as part of this assessment. Sampling of additional water-supply wells on adjoining properties may be necessary in the future.

C. Utilities Survey

List the utilities on site, and adjacent to the site within a 250-foot radius, which could serve as exposure points or as preferential pathways.

Utility	On-Site or Distance/Direction from site	Depth to Utility
Utilities including gas, underground power lines, and sewer are present on the subject property. Utilities are not expected to function as exposure points or preferential pathways because of the depth to groundwater.		

D. Site Geology

Provide a brief description of the regional geology and hydrogeology: The subject site lies in the Piedmont Physiographic Province of South Carolina. Typical Piedmont soils were created by the in-place chemical weathering of igneous and metamorphic rocks. Soil textures are typically silt and sand with varying amounts of clay in the upper zone. The material composed of in-place weathered rock is known as saprolite, and relic mineral grain texture is often present. Saprolite grades to partially weathered rock and then competent rock with depth.

Provide a brief description of the site-specific geology and stratigraphy: Soils encountered at the site are typical Piedmont soils with highly weathered reddish brown sandy silt to silty sand with trace clay. The water table was encountered at depths that ranged from 7.87 feet below ground surface (bgs) at well MW-3 to 9.71 feet bgs at well MW-4.

E. **Soil Boring Data**

Drilling Date: November 27, 2024

Provide a brief justification for the location of the soil borings

S - 4	Installed on the southern western edge of the UST basin
S - 5	Installed on the northern western edge of the UST basin.
S - 6	Installed in the southeastern portion of the dispenser island canopy.
S - 7	Installed in the northern central portion of the dispenser island canopy.
S - 8	Installed along the piping run to the boat dispenser
S - 9	Installed along the piping run to the boat dispenser; paired with well MW-3
S - 10	Installed near the boat dispenser
S - 11	Installed on the southwest side of the dispenser island canopy along the seam puddle noted in the February 2023 non-permitted release notification; paired with well MW-1
S - 12	Installed in the off-site right-of-way to the east of the site along Old Laurens Road; paired with well MW-4
S - 13	Background soil location; paired with well MW-2
S - 14	Installed at the boat dispenser

*Note: Soil borings S-1, S-2, and S-3 were installed on July 25, 2024. The locations and results of those samples were submitted to the South Carolina Department of Environmental Services (SCDES) in the Limited Soil Assessment Report dated August 13, 2024.

Soil Boring Logs

Borehole S-4 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 10.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	2.1 @ 1 ft. 12.6 @ 2 ft. 12.0 @ 3 ft. 11.3 @ 4 ft. 11.0 @ 5 ft. 10.9 @ 6 ft. 25.4 @ 7 ft. 50.6 @ 8 ft. 75.7 @ 9 ft. 120.2 @ 10 ft. 40.5 @ 11 ft. 14.8 @ 12 ft. 7.1 @ 13 ft. 5.2 @ 14 ft. 3.6 @ 15 ft.	Asphalt to reddish-brown fine sandy silt with clay to 9 feet. Tan medium to coarse sand with minor silt from 9 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 10 feet. Wet from 10 feet to 15 feet. Very slight odor from 0 feet to 9 feet. Slight odor from 9 feet to 13 feet. No odor from 13 feet to 15 feet.

Borehole S-5 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 12.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	69.2 @ 1 ft. 217.4 @ 2 ft. 357.2 @ 3 ft. 529.8 @ 4 ft. 261.9 @ 5 ft. 184.9 @ 6 ft. 777.6 @ 7 ft. 1,374 @ 8 ft. 2,143 @ 9 ft. 3,114 @ 10 ft. 3,200 @ 11 ft. 3,348 @ 12 ft. 609.5 @ 13 ft. 403.8 @ 14 ft. 101.3 @ 15 ft.	Concrete to reddish-brown fine sandy silt with clay to 8 feet. Tan medium to coarse sand with minor silt from 8 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 12 feet. Wet from 12 feet to 15 feet. Medium odor from 0 feet to 8 feet. Strong odor from 8 feet to 14 feet. Medium odor from 14 feet to 15 feet.

Borehole S-6 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 10.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	200.9 @ 1 ft. 351.7 @ 2 ft. 400.6 @ 3 ft. 440.3 @ 4 ft. 517.6 @ 5 ft. 666.4 @ 6 ft. 1,021 @ 7 ft. 2,066 @ 8 ft. 2,535 @ 9 ft. 3,155 @ 10 ft. 3,217 @ 11 ft. 3,248 @ 12 ft. 1,091 @ 13 ft. 891.7@ 14 ft. 711.4 @ 15 ft.	Concrete to reddish-brown sandy silt with clay to 9 feet. Tan medium to coarse sand with minor silt from 9 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 10 feet. Wet from 10 feet to 15 feet. Strong odor from 0 to 15 feet.

Borehole S-7 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 10.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	31.6 @ 1 ft. 40.8 @ 2 ft. 84.6 @ 3 ft. 123.6 @ 4 ft. 156.2 @ 5 ft. 174.9 @ 6 ft. 361.5 @ 7 ft. 684.0 @ 8 ft. 2,009 @ 9 ft. 3,297 @ 10 ft. 2,961 @ 11 ft. 2,559 @ 12 ft. 2,411 @ 13 ft. 2,237 @ 14 ft. 1,763 @ 15 ft.	Asphalt to reddish-brown fine sandy silt with clay to 9 feet. Tan medium to coarse sand with minor silt from 9 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 11 feet. Wet from 11 feet to 15 feet. Slight odor from 0 to 3 feet. Strong odor from 3 feet to 8 feet. Very strong odor from 8 feet to 15 feet.

Borehole S-8 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 10.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	28.4 @ 1 ft. 59.3 @ 2 ft. 171.4 @ 3 ft. 344.8 @ 4 ft. 566.0 @ 5 ft. 736.1 @ 6 ft. 1,437 @ 7 ft. 2,681 @ 8 ft. 3,005 @ 9 ft. 3,128 @ 10 ft. 3,111 @ 11 ft. 3,100 @ 12 ft. 1,006 @ 13 ft. 674.7 @ 14 ft. 515.3 @ 15 ft.	Asphalt to reddish-brown fine sandy silt with clay to 8 feet. Tan medium to coarse sand with minor silt from 8 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 10 feet. Wet from 10 feet to 15 feet. Slight odor from 0 to 3 feet. Moderate odor from 3 feet to 8 feet. Strong odor from 8 feet to 9 feet. Very strong odor from 9 feet to 13 feet. Strong odor from 13 feet to 15 feet.

Borehole S-9/MW-3 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 12.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	16.9 @ 1 ft. 27.6 @ 2 ft. 64.2 @ 3 ft. 83.0 @ 4 ft. 65.9 @ 5 ft. 44.9 @ 6 ft. 22.5 @ 7 ft. 12.4 @ 8 ft. 45.2 @ 9 ft. 94.7 @ 10 ft. 1,765 @ 11 ft. 3,684 @ 12 ft. 2,135 @ 13 ft. 1,282 @ 14 ft. 561.2 @ 15 ft.	Asphalt to reddish brown fine sandy silt with clay to 9 feet. Tan medium to coarse sand with minor silt from 9 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 12 feet. Wet from 12 feet to 15 feet. Slight odor from 0 to 6 feet. Moderate odor from 6 feet to 11 feet. Strong odor from 11 feet to 12 feet. Very strong odor from 12 feet to 15 feet.

Borehole S-10 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 4.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	0.6 @ 1 ft. 1.4 @ 2 ft. 56.7 @ 3 ft. 3,114 @ 4 ft. 917.6 @ 5 ft. 750.9 @ 6 ft. 736.7 @ 7 ft. 716.4 @ 8 ft. 572.8 @ 9 ft. 460.9 @ 10 ft. 776.0 @ 11 ft. 981.0 @ 12 ft. 265.1 @ 13 ft. 36.9 @ 14 ft. 27.5 @ 15 ft.	Grass to reddish-brown fine sandy silt with clay to 9 feet. Tan medium to coarse sand with minor silt from 9 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 10 feet. Wet from 10 feet to 15 feet. Slight odor from 0 to 3 feet. Strong odor from 3 feet to 12 feet. Moderate odor from 12 feet to 13 feet. Slight odor from 13 feet to 15 feet.

Borehole S-11/MW-1 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 10.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 15	22.3 @ 1 ft. 44.8 @ 2 ft. 45.7 @ 3 ft. 50.3 @ 4 ft. 101.9 @ 5 ft. 296.7 @ 6 ft. 1,271 @ 7 ft. 2,418 @ 8 ft. 3,000 @ 9 ft. 3,294 @ 10 ft. 3,311 @ 11 ft. 3,469 @ 12 ft. 861.2 @ 13 ft. 373.6 @ 14 ft. 216.5 @ 15 ft.	Asphalt to reddish-brown fine sandy silt with clay to 9 feet. Tan medium to coarse sand with minor silt from 9 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 10 feet. Wet from 10 feet to 15 feet. Slight odor from 0 to 5 feet. Moderate odor from 5 feet to 8 feet. Strong odor from 8 feet to 10 feet. Very strong odor from 10 feet to 13 feet. Strong odor from 13 feet to 15 feet.

Borehole S-12/MW-4 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 14.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 14	0.8 @ 1 ft. 1.9 @ 2 ft. 27.3 @ 3 ft. 40.2 @ 4 ft. 167.8 @ 5 ft 293.3 @ 6 ft. 271.6 @ 7 ft. 269.6 @ 8 ft. 1,706 @ 9 ft. 2,507 @ 10 ft. 2,777 @ 11 ft. 2,849 @ 12 ft. 2,967 @ 13 ft. 3,044 @ 14 ft. 2,901 @ 15 ft.	Grass to reddish brown fine sandy silty with clay to 11 feet. Tan medium to coarse sand with minor silt from 11 feet to 15 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 10 feet. Wet from 10 feet to 15 feet. Slight odor from 0 to 6 feet. Moderate odor from 6 feet to 9 feet. Strong odor from 9 feet to 10 feet. Very strong odor from 10 feet to 15 feet.

Borehole S-13/MW-2 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 2.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 10	1.7 @ 1 ft. 2.8 @ 2 ft. 4.9 @ 3 ft. 6.5 @ 4 ft. 4.9 @ 5 ft 4.2 @ 6 ft. 6.5 @ 7 ft. 9.5 @ 8 ft. 8.2 @ 9 ft. 4.3 @ 10 ft.	Asphalt to reddish brown sandy silt with clay from 0 to 10 feet.	Dry to 5 feet. Moist from 5 feet to 8 feet. Very moist from 8 feet to 10 feet. Wet at 10 feet. No odor observed from 0 feet to 10 feet.

Borehole S-14 **Sampling Date-** 11/27/2024 **Laboratory Sample Depth – 2.0 ft**

Macrocore Interval (ft.)	PID Vapor Concentration in PPM	Lithology (soil type, color, rocks/ minerals present)	Soil Conditions (dry, moist, etc.; petroleum odor)
0 – 2	1,556 @ 1 ft. 3,657 @ 2 ft.	Grass then brown silty fine sand from 0 to 2 feet.	Dry from 0 to 2 feet. Very strong odor.

Soil Laboratory Data

CoC (ug/kg)	RBSL	S-4	S-5	S-6	S-7	S-8	S-9	S-10	S-11	S-12	S-13	S-14
Benzene	7	**17.0**	**2,170**	**5,120**	**285**	**503**	**7,010**	**330**	**967**	**529**	NA	**36,800**
Toluene	1,450	250	**330,000**	**128,000**	**4,190**	**17,100**	**481,000**	**30,400**	**25,600**	**91,300**	NA	**630,000**
Ethylbenzene	1,150	55.3	**212,000**	**63,100**	**7,830**	**19,900**	**166,000**	**29,400**	**64,700**	**72,900**	NA	**123,000**
Xylenes (Total)	14,500	286	**1,330,000**	**352,000**	**46,800**	**134,000**	**981,000**	**260,000**	**398,000**	**408,000**	NA	**1,030.000**
MTBE	--	<6.9	<753	<179	<71.5	<99.3	<663	<211	<372	<273	NA	<826
Naphthalene (8260)	36	<6.9	**35,800**	**10,600**	**3,410**	**6,470**	**29,700**	**13,000**	**15,400**	**17,200**	NA	**28,400**
1,2-Dichloroethane	--	<6.9	<753	<179	<71.5	<99.3	<663	<211	<372	<273	NA	<826
Tert-Amyl Alcohol	--	<138	<15,100	<3,580	<1,430	<1,990	<13,300	<4,220	<7,430	<5,470	NA	<16,500
Tert-Amylmethyl Ether	--	<13.8	<1,510	<358	<143	<199	<1,330	<422	<743	<547	NA	<1,650
3,3-Dimethyl-1-Butanol	--	<138	<15,100	<3,580	<1,430	<1,990	<13,300	<4,220	<7,430	<5,470	NA	<16,500
Tert-Butyl Alcohol	--	<138	<15,100	<3580	<1,430	<1,990	<13,300	<4,220	<7,430	<5,470	NA	<16,500
Tert-Butyl Formate	--	<69.1	<7,530	<1,790	<715	<993	6,370 J	<2,110	<3,720	<2,730	NA	<8,260
Diisopropyl Ether	--	<6.9	<753	<179	<71.5	<99.3	<663	<211	<372	<273	NA	<826
Ethanol	--	<276	<30,100	<7,150	<2,860	<3,970	<26,500	<8.450	<14,900	<10,900	NA	<33,000
Ethyl-Tert-Butyl Ether	--	<13.8	<1,510	<358	<143	<199	<1,330	<422	<743	<547	NA	<1,650
Acenaphthene	--	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Acenaphthylene	--	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Anthracene	--	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Benzo(a)anthracene	66	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Benzo(a)pyrene	--	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Benzo(b)fluoranthene	66	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Benzo(g,h,i)perylene	--	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Benzo(k)fluoranthene	66	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Chrysene	66	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Dibenz(a,h)anthracene	66	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
Fluoranthene	--	<374	<401	<396	<379	<392	<400	155 J	<388	<375	NA	<412
Fluorene	--	<374	293 J	<396	<379	<392	<400	<423	<388	<375	NA	<412
Indeno(1,2,3-cd)pyrene	--	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
1-Methylnaphthalene	--	<374	5,730	392 J	323 J	1,010	534	2,230	845	953	NA	1,660
2-Methylnaphthalene	--	<374	12,800	734	673	2,100	1,130	3,900	1,870	2,030	NA	2,880
Naphthalene (8270)	36	<374	**24,500**	**758**	**523**	**3,860**	**1,920**	**6,140**	**3,690**	**3,070**	NA	**3,930**
Phenanthrene	--	<374	313 J	<396	<379	<392	<400	<423	<388	<375	NA	<412
Pyrene	--	<374	<401	<396	<379	<392	<400	<423	<388	<375	NA	<412
TPH-DRO (8015; mg/kg)	--	NA	NA	NA	NA	NA	86.8	NA	NA	NA	NA	NA
TOC (background; mg/kg)	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,900	NA
Lead (mg/kg)	--	1.9	1.7 J	7.7	2.3	3.8	2.7	18.4	2.6	7.4	NA	14.9

Notes:

1) *All units in micrograms per kilogram (ug/kg) except for TPH-DRO, TOC, and Lead which are reported in milligrams per kilogram (mg/kg).*
2) *SCDES Risk-Based Screening Levels (RBSL) for sandy soil*
3) *J = Estimated value above the method detection limit and below the laboratory reporting limit*
4) *-- = No RBSL established*
5) *NA = Not analyzed*

Discuss the horizontal and vertical extent of CoC in the soil: The estimated extent of horizontal and vertical contamination in the soil has not been fully delineated. All soil borings analyzed for volatile organic compounds displayed concentrations of petroleum constituents above SCDES RBSLs for sandy soil. Based on field observations and groundwater concentrations in the paired well, background sample S-13 (paired with well MW-2) does not appear to be impacted.

Additional Comments:

Grain size analysis on soil sample S-9 (12 ft) indicated 83.4% sand, 2.7% silt, and 12.2% clay (% by weight). The total petroleum hydrocarbon diesel range organics (TPH-DRO) laboratory result from soil sample S-9 was 86.8 mg/kg. Sample S-13 (background sample) was analyzed for total organic carbon. The mean total organic carbon concentration was 3,900 mg/kg.

Sediment Laboratory Data

CoC (ug/kg)	SED-1	SED-2
Benzene	413	<5.6
Toluene	1,940	<5.6
Ethylbenzene	<128	<5.6
Xylenes (Total)	109,000	<11.2
MTBE	<128	<5.6
Naphthalene (8260)	6,380	<5.6
Benzo(a)anthracene	<406	<392
Benzo(b)fluoranthene	<406	<392
Benzo(k)fluoranthene	<406	<392
Chrysene	<406	<392
Dibenz(a,h)anthracene	<406	<392

Notes:
1) *All units in micrograms per kilogram (ug/kg).*
2) *Both sediment samples were collected at the locations shown on Figure 2 on December 20, 2024 after the water level dropped in Lake Greenwood.*
3) *No risk-based screening levels have been established by the SCDES for sediment.*

F. Well and Groundwater Elevation Data

Well No.	Installation Date	Development Date	Sampling and Gauging Date
MW-1	11/27/2024	11/27/2024	12/04/2024
MW-2	11/27/2024	11/27/2024	12/04/2024
MW-3	11/27/2024	11/27/2024	12/04/2024
MW-4	11/17/2024	11/27/2024	12/04/2024

Well No.	TOC Elevation (ft)	Screened interval (ft)	Depth to Water (ft)	Water Table Elevation (ft)
MW-1	444.40	5 - 15	8.22	436.18
MW-2	444.79	5 - 15	8.40	436.39
MW-3	444.12	5 – 15	7.87	436.25
MW-4	445.97	5 – 15	9.71	436.26

Groundwater Laboratory Data

CoC (ug/l)	RBSL (ug/L)	MW-1	Duplicate	MW-2	MW-3	MW-4	SW-1	SW-2
Free Product Thickness	--	None	None	None	None	None	None	None
Benzene	5	**199**	**193**	<1.0	**1,940**	**122**	<1.0	<1.0
Toluene	1,000	**4,610**	**4,610**	<1.0	**43,600**	**25,000**	<1.0	<1.0
Ethylbenzene	700	**1,730**	**1,770**	<1.0	**3,790**	**3,810**	<1.0	<1.0
Xylenes	10,000	**10,500**	**10,600**	1.8	**22,900**	**23,500**	<1.0	1.3
1,2-Dibromoethane (EDB)	0.05	<0.021	<0.022	<0.021	<0.021	<0.021	<0.021	<0.021
Methyl-tert-butyl ether	40	<50.0	<50.0	<1.0	<200	<100	<1.0	<1.0
Naphthalene (8260)	25	**275**	**234**	<1.0	**379**	**475**	<1.0	<1.0
1,2-Dichloroethane	5	<50.0	<50.0	<1.0	<200	<100	<1.0	<1.0
Acenaphthene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Acenaphthylene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Anthracene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Benzo(a)anthracene	10	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Benzo(a)pyrene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Benzo(b)fluoranthene	10	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Benzo(g,h,i)perylene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Benzo(k)fluoranthene	10	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Chrysene	10	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Dibenz(a,h)anthracene	10	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Fluoranthene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Fluorene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Indeno(1,2,3-cd)pyrene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
1-methylnaphthalene	25*	14.4	15.8	<10.0	**28.4**	**29.6**	<9.9	<10.1
2-methylnaphthalene	25*	24.7	**25.4**	<10.0	**56.2**	**52.1**	<9.9	<10.1
Naphthalene (8270)	25	**249**	**248**	<10.0	**410**	**479**	<9.9	<10.1
Phenanthrene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
Pyrene	25*	<10.1	<10.0	<10.0	<10.0	<10.0	<9.9	<10.1
tert-Amyl Alcohol	240#	<5,000	<5,000	<100	<20,000	<10,000	<100	<100
tert-Amyl methyl ether	128#	<500	<500	<10.0	<2,000	<1,000	<10.0	<10.0
3,3-Dimethyl-1-Butanol	--#	<5,000	<5,000	<100	<20,000	<10,000	<100	<100
tert-Butyl Alcohol	1,400#	<5,000	<5,000	<100	<20,000	<10,000	<100	<100
tert-Butyl Formate	--#	<2,500	<2,500	<50.0	<10,000	<5,000	<50.0	<50.0
Diisopropyl ether	150#	<50.0	<50.0	<1.0	<200	<100	<1.0	<1.0
Ethanol	10,000	<10,000	<10,000	<200	<40,000	<20,000	<200	<200
Ethyl tert-Butyl Ether	47#	<500	<500	<10.0	<2,000	<1,000	<10.0	<10.0
Lead	15	<5.0	<5.0	<5.0	13.8	<5.0	2.0 J	2.5 J

Notes:

1) *All units in micrograms per liter (ug/L)*
2) ** = Total Polycyclic Aromatic Hydrocarbon (PAH) Risk-Based Screening Level for groundwater. Per note in SCDES QAPP 4.0 Table D1, a value of 10 ug/L should be used for individual PAHs of Benzo(a)anthracene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, and Dibenz(a,h)anthracene.*
3) *Bolded values exceed SCDES RBSLs or Action Levels for groundwater*
4) *Pink shaded values exceed RBSL of 25 ug/L for total PAHs.*
5) *J = Estimated value above the method detection limit and below the laboratory reporting limit*
6) *-- = No RBSL established*
7) *# = Oxygenates (tert-Amyl Alcohol, tert-Amyl methyl ether, 3,3-Dimethyl-1-Butanol, tert-Butyl Alcohol, tert-Butyl Formate, Diisopropyl ether, ethanol, and Ethyl tert-Butyl Ether) were compared to SCDES Action Levels.*
8) *The duplicate sample was collected from well MW-1.*

Drinking Water Laboratory Data

CoC (ug/l)	MCL (ug/L)	WSW-1	WSW-Duplicate
Free Product Thickness	--	None	None
Benzene	5	<0.50	<0.50
Toluene	1,000	<0.50	<0.50
Ethylbenzene	700	<0.50	<0.50
Xylenes	10,000	<0.50	<0.50
1,2-Dibromoethane (EDB)	0.05	<0.020	<0.021
Methyl-Tert-Butyl Ether	--	<0.50	<0.50
Naphthalene (8260)	--	<0.50	<0.50
1,2-Dichloroethane	--	<0.50	<0.50
Tert-Amyl Alcohol	--	<100	<100
Tert-Amylmethyl Ether	--	<10.0	<10.0
3,3-Dimethyl-1-Butanol	--	<100	<100
Tert-Butyl Alcohol	--	<100	<100
Tert-Butyl Formate	--	<50.0	<50.0
Diisopropyl ether	--	<1.0	<1.0
Ethanol	--	<200	<200
Ethyl Tert-Butyl Ether	--	<10.0	<10.0

Notes:

1) *All units in micrograms per liter (ug/L)*
2) *MCL = Maximum Contaminant Level for drinking water*
3) *WSW = Water-Supply Well*
4) *The WSW sample and duplicate were collected from the on-site drinking water-supply well located in the northwest corner of the on-site building.*
5) *-- = No MCL established*

G. Aquifer Characteristics Data

Hydraulic Conductivity (MW-3): 5,240 ft/yr.
Hydraulic Conductivity (MW-4): 127.75 ft/yr.
Hydraulic Gradient: 0.0028
Effective Porosity: 29% for MW-3 and 24% for MW-4
Estimated Seepage Velocity (MW-3): 50.6 ft/yr.
Estimated Seepage Velocity (MW-4): 1.5 ft/yr.

III. TIER I EVALUATION

A. CURRENT LAND USE - Identify any potential receptors or human exposure pathways (e.g., basements, contaminated soils from UST Closures, etc.) within a 1000-foot radius for current land use. Complete the table below. Additional sheets may be attached if necessary.

Media (For exposure)	Exposure Route	Pathway Selected for Evaluation? (Yes or No)		Exposure point or Reason for Non-Selection	Data Requirements (If pathway selected)
Air	Inhalation	Yes	(No)	Property is an operating gas station with a marina dispenser.	
	Explosion Hazard	Yes	(No)		
Groundwater	Ingestion	(Yes)	No	The subject property and surrounding area are served by individual water-supply wells.	Sample on-site and nearby water supply wells.
	Dermal Contact	(Yes)	No		
	Inhalation	Yes	(No)		
Surface Water	Ingestion	Yes	(No)	Lake Greenwood borders the property to the west and north/northwest. No concentrations above risk-based screening levels were detected in the two (2) surface water samples collected from Lake Greenwood. However, one sediment sample collected after the lake levels dropped for the season contained petroleum compounds.	Continued surface water and sediment sampling.
	Dermal Contact	(Yes)	No		
	Inhalation	Yes	(No)		
Surficial Soil	Ingestion	Yes	(No)	No contact with surficial soil is expected. The surficial soils in the investigated area are covered by asphalt or concrete.	Additional soil delineation will be required.
	Dermal Contact	Yes	(No)		
	Inhalation	Yes	(No)		
	Leaching to Groundwater	(Yes)	No		
Subsurface Soil	Ingestion	Yes	(No)	No exposure pathways identified except leaching to groundwater based on elevated concentrations of petroleum compounds above SCDES RBSLs in monitoring wells MW-1, MW-3, and MW-4.	Additional soil and groundwater delineation will be required.
	Dermal Contact	Yes	(No)		
	Volatile Inhalation	Yes	(No)		
	Leaching to Groundwater	(Yes)	No		

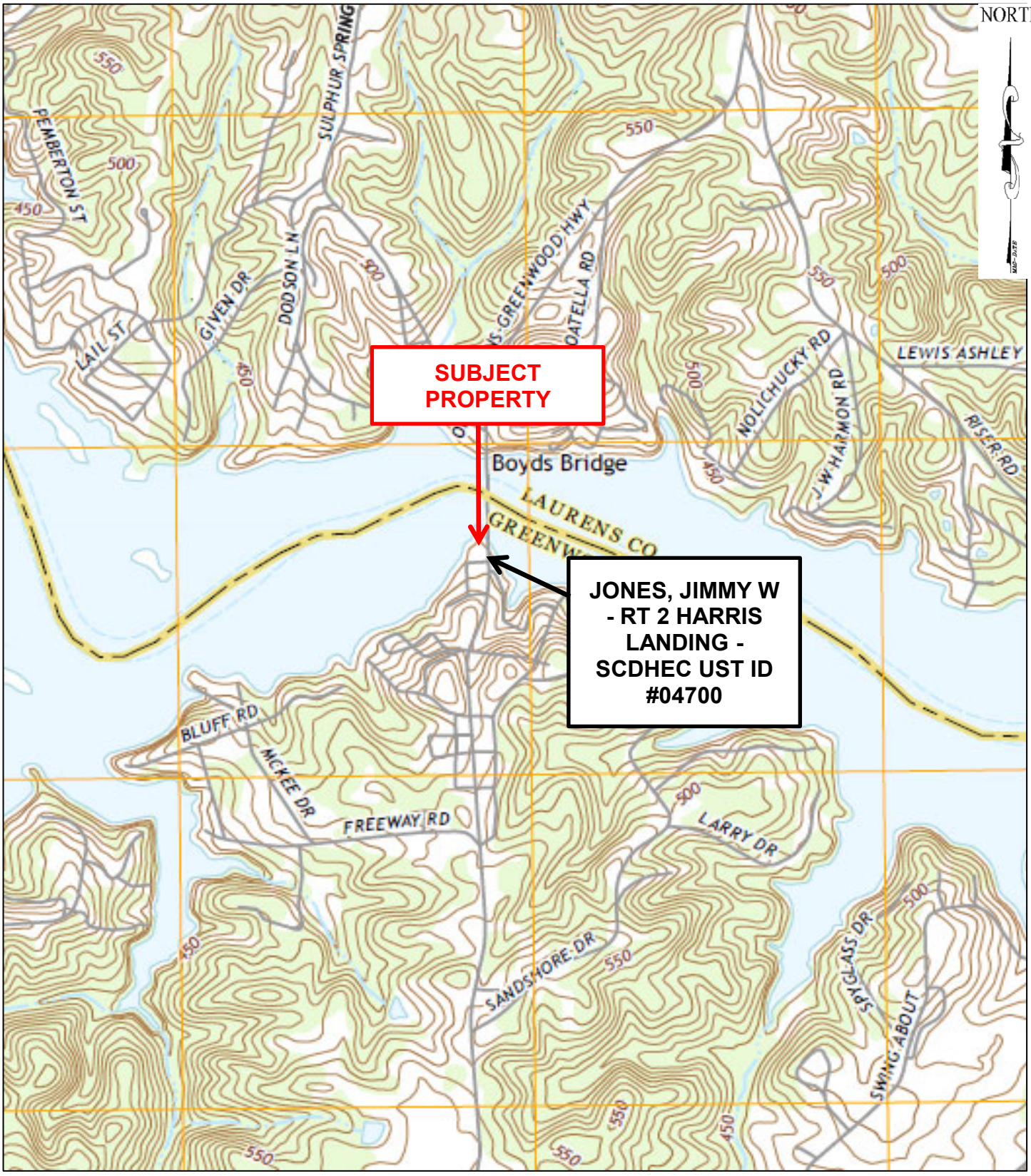
B. FUTURE LAND USE - Identify any potential receptors or human exposure pathways (e.g., basements, contaminated soils from UST closures, etc.) with a 1,000-foot radius for projected future land use. Complete the table below. Additional sheets may be attached if necessary.

Media (For exposure)	Exposure Route	Pathway Selected for Evaluation? (Yes or No)		Exposure point or Reason for Non-Selection	Data Requirements (If pathway selected)
Air	Inhalation	Yes	(No)	Property is an operating gas station with a marina dispenser.	
	Explosion Hazard	Yes	(No)		
Groundwater	Ingestion	(Yes)	No	The subject property and surrounding area are served by individual water-supply wells.	Sample on-site and nearby water supply wells.
	Dermal Contact	(Yes)	No		
	Inhalation	Yes	(No)		
Surface Water	Ingestion	Yes	(No)	Lake Greenwood borders the property to the west and north/northwest. No concentrations above risk-based screening levels were detected in the two (2) surface water samples collected from Lake Greenwood. However, one sediment sample collected after the lake levels dropped for the season contained petroleum compounds.	Continued surface water and sediment sampling.
	Dermal Contact	(Yes)	No		
	Inhalation	Yes	(No)		
Surficial Soil	Ingestion	Yes	(No)	No contact with surficial soil is expected. The surficial soils in the investigated area are covered by asphalt or concrete.	Additional soil delineation will be required.
	Dermal Contact	Yes	(No)		
	Inhalation	Yes	(No)		
	Leaching to Groundwater	(Yes)	No		
Subsurface Soil	Ingestion	Yes	(No)	No exposure pathways identified except leaching to groundwater based on elevated concentrations of petroleum compounds above SCDES RBSLs in monitoring wells MW-1, MW-3, and MW-4.	Additional soil and groundwater delineation will be required.
	Dermal Contact	Yes	(No)		
	Volatile Inhalation	Yes	(No)		
	Leaching to Groundwater	(Yes)	No		

Recommendations for further action:
Based on the results of this assessment, it appears that the contamination on the property is from a permitted underground storage tank system and not from the actions of the former operator.

A Tier II soil and groundwater assessment is warranted and should be performed as part of a permitted release. Initial abatement measures at the marina dispenser may also be required.

FIGURES



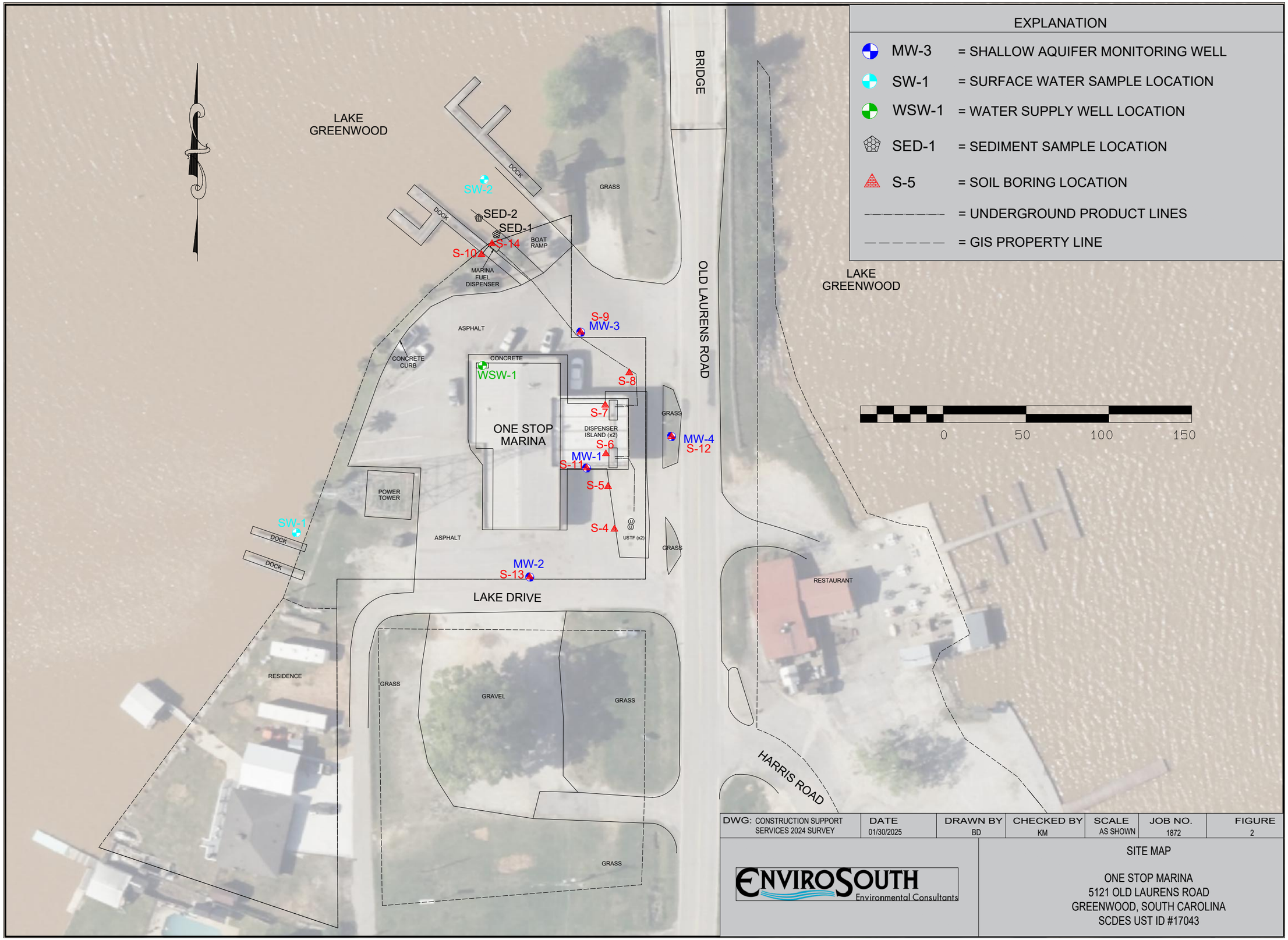
SOURCE: USGS 7.5' QUADRANGLE MAP 2020, WATERLOO, SC

ENVIROSOUTH
Environmental Consultants

SITE VICINITY MAP

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA

JOB NO.: 1872	CHECKED BY: MAM	FIGURE: 1
SCALE: NOT SHOWN	DRAWN BY: BD	DATE: 06/14/2024

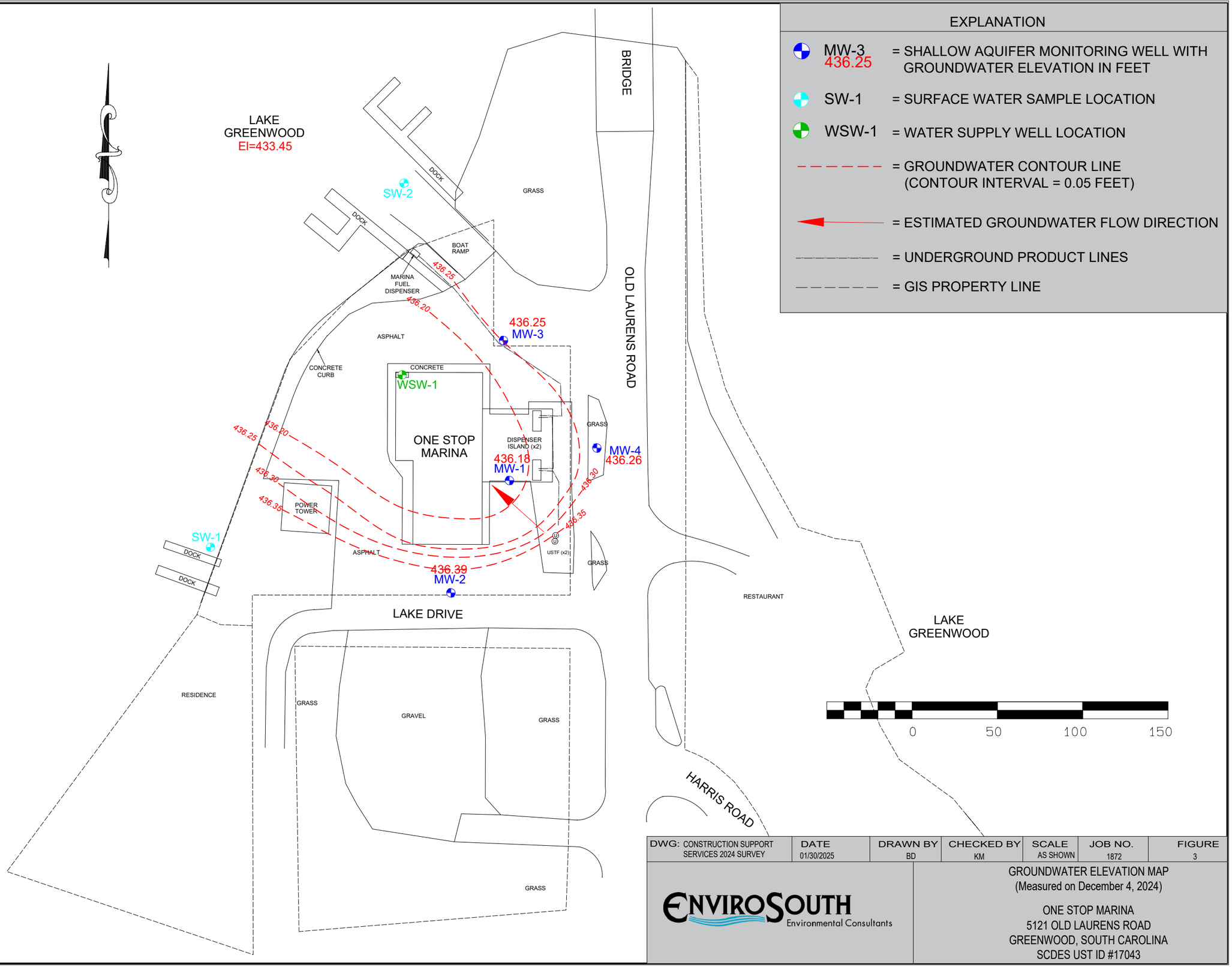


DWG:	DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
CONSTRUCTION SUPPORT SERVICES 2024 SURVEY	01/30/2025	BD	KM	AS SHOWN	1872	2

ENVIROSOUTH Environmental Consultants

SITE MAP

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA
SCDES UST ID #17043

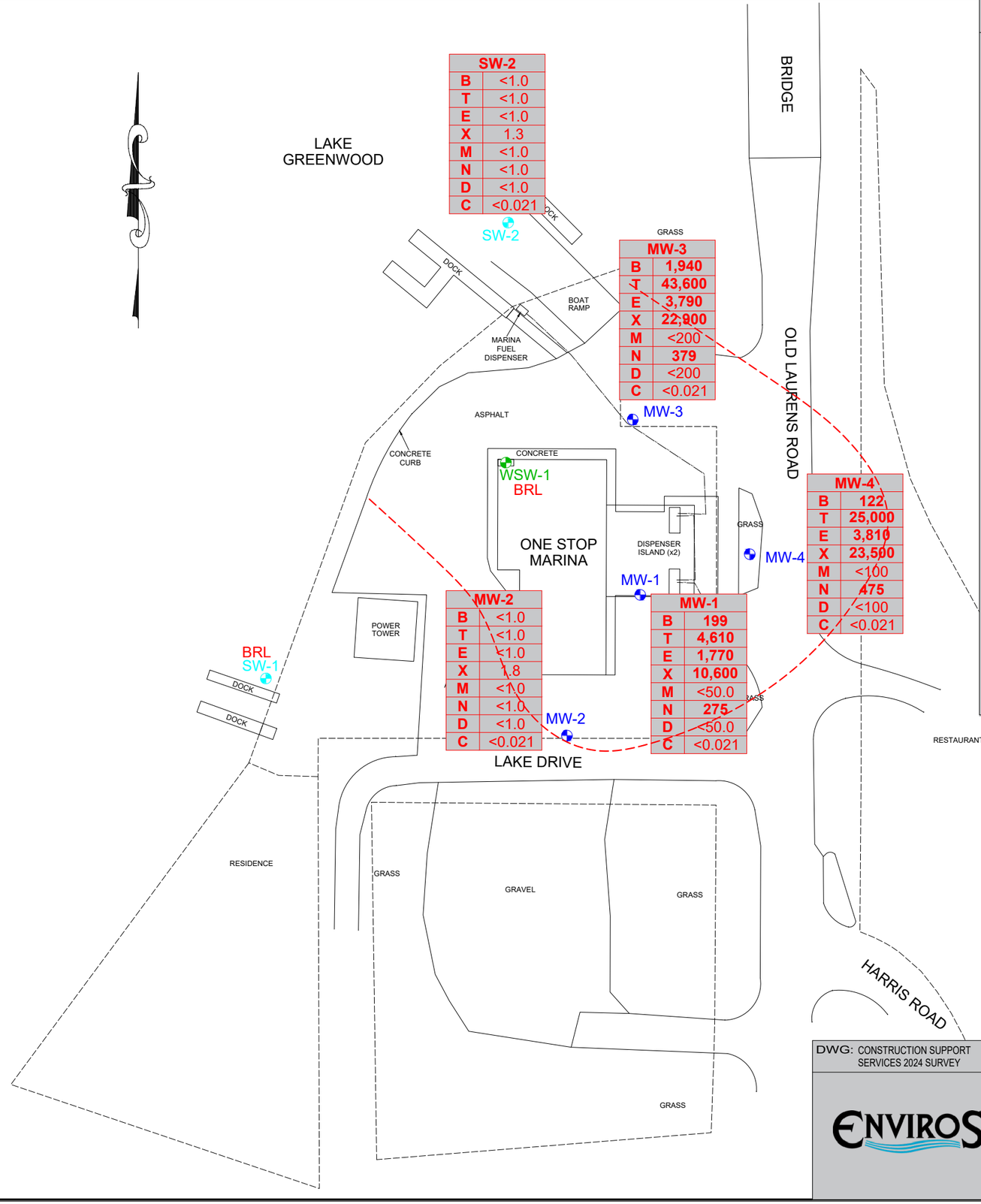


DWG: CONSTRUCTION SUPPORT SERVICES 2024 SURVEY	DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
	01/30/2025	BD	KM	AS SHOWN	1872	3

ENVIROSOUTH Environmental Consultants

GROUNDWATER ELEVATION MAP
(Measured on December 4, 2024)

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA
SCDES UST ID #17043



EXPLANATION

MW-3 = SHALLOW AQUIFER MONITORING WELL WITH GROUNDWATER CONCENTRATIONS IN MICROGRAMS PER LITER (UG/L)

WSW-1 = WATER-SUPPLY WELL WITH GROUNDWATER CONCENTRATIONS IN UG/L

SW-1 = SURFACE WATER SAMPLE LOCATION WITH GROUNDWATER CONCENTRATIONS IN UG/L

B = BENZENE

T = TOLUENE

E = ETHYLBENZENE

X = XYLENES

M = METHYL-TERT-BUTYL ETHER

N = NAPHTHALENE

D = 1,2-DIBROMOETHANE

C = 1,2-DICHLOROETHANE

BRL = BELOW REPORTING LIMITS

BRL = ESTIMATED EXTENT OF HYDROCARBON CONTAMINATION

BOLDED VALUES EXCEED SCDHEC RBSLs

—— x —— x —— = FENCE

— — — — = GIS PROPERTY LINE

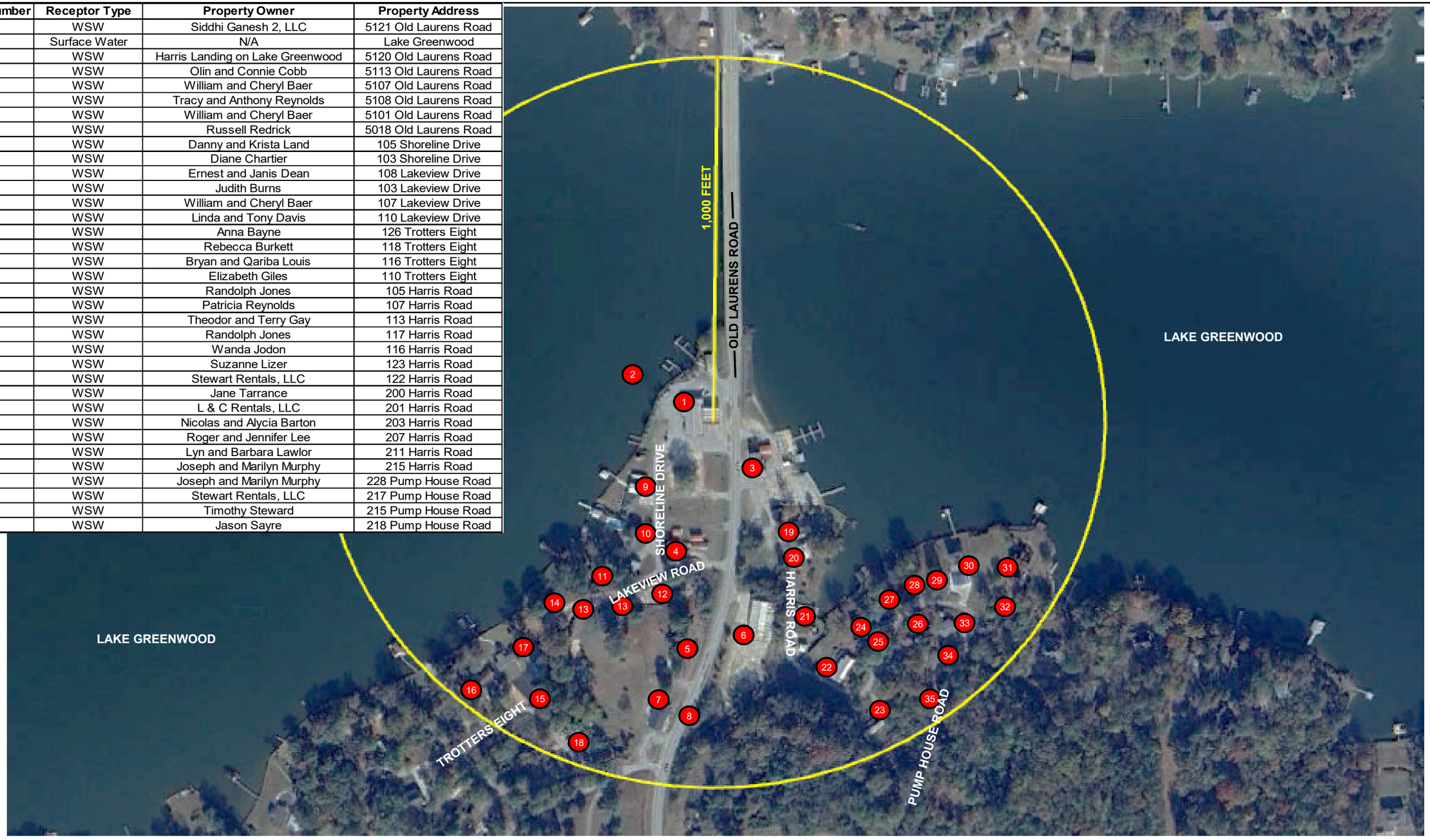
DWG: CONSTRUCTION SUPPORT SERVICES 2024 SURVEY	DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
	01/30/2025	BD	KM	AS SHOWN	1872	4

ENVIROSOUTH Environmental Consultants

GROUNDWATER CONCENTRATION MAP
(Sampled on December 4, 2024)

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA
SCDES UST ID #17043

Receptor Number	Receptor Type	Property Owner	Property Address
1	WSW	Siddhi Ganesh 2, LLC	5121 Old Laurens Road
2	Surface Water	N/A	Lake Greenwood
3	WSW	Harris Landing on Lake Greenwood	5120 Old Laurens Road
4	WSW	Olin and Connie Cobb	5113 Old Laurens Road
5	WSW	William and Cheryl Baer	5107 Old Laurens Road
6	WSW	Tracy and Anthony Reynolds	5108 Old Laurens Road
7	WSW	William and Cheryl Baer	5101 Old Laurens Road
8	WSW	Russell Redrick	5018 Old Laurens Road
9	WSW	Danny and Krista Land	105 Shoreline Drive
10	WSW	Diane Chartier	103 Shoreline Drive
11	WSW	Ernest and Janis Dean	108 Lakeview Drive
12	WSW	Judith Burns	103 Lakeview Drive
13	WSW	William and Cheryl Baer	107 Lakeview Drive
14	WSW	Linda and Tony Davis	110 Lakeview Drive
15	WSW	Anna Bayne	126 Trotters Eight
16	WSW	Rebecca Burkett	118 Trotters Eight
17	WSW	Bryan and Qariba Louis	116 Trotters Eight
18	WSW	Elizabeth Giles	110 Trotters Eight
19	WSW	Randolph Jones	105 Harris Road
20	WSW	Patricia Reynolds	107 Harris Road
21	WSW	Theodor and Terry Gay	113 Harris Road
22	WSW	Randolph Jones	117 Harris Road
23	WSW	Wanda Jodon	116 Harris Road
24	WSW	Suzanne Lizer	123 Harris Road
25	WSW	Stewart Rentals, LLC	122 Harris Road
26	WSW	Jane Tarrance	200 Harris Road
27	WSW	L & C Rentals, LLC	201 Harris Road
28	WSW	Nicolas and Alycia Barton	203 Harris Road
29	WSW	Roger and Jennifer Lee	207 Harris Road
30	WSW	Lyn and Barbara Lawlor	211 Harris Road
31	WSW	Joseph and Marilyn Murphy	215 Harris Road
32	WSW	Joseph and Marilyn Murphy	228 Pump House Road
33	WSW	Stewart Rentals, LLC	217 Pump House Road
34	WSW	Timothy Steward	215 Pump House Road
35	WSW	Jason Sayre	218 Pump House Road



SOURCE: GOOGLE MAPS

ENVIROSOUTH Environmental Consultants

RECEPTOR SURVEY MAP

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA

JOB NO.: 1872	CHECKED BY: MAM	FIGURE: 5
SCALE: 1"≈270'	DRAWN BY: BD	DATE: 01/29/2025

APPENDIX A – SITE SURVEY

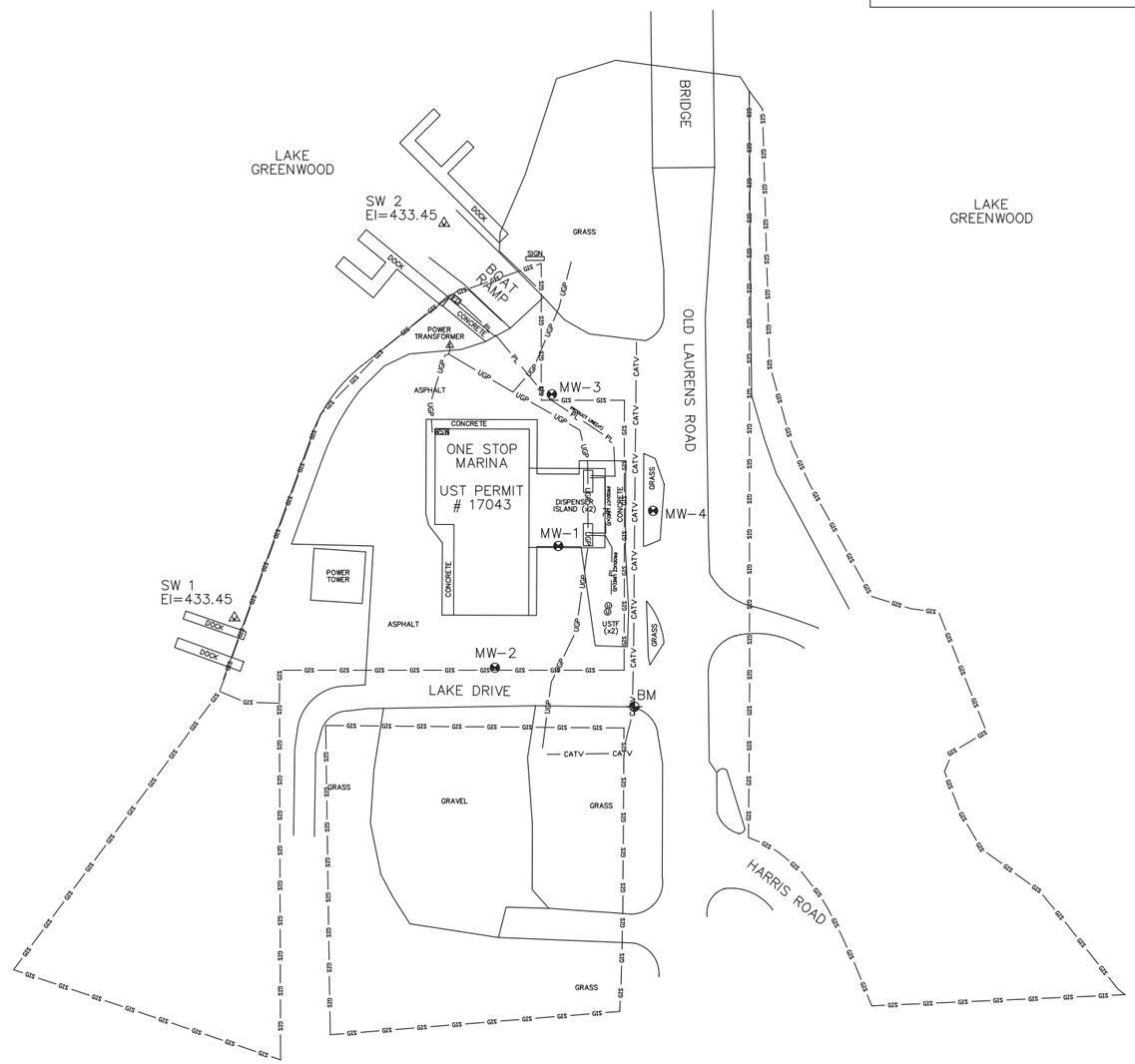
SC STATE PLANE
COORDINATE SYSTEM
NAD 83 / NAVD 88
GRID NORTH

UST PERMIT #17043 MONITOR WELLS (SURVEYED 01-20-2025)				
WELL	SCSP NORTH	SCSP EAST	RIM ELEV.	TOC ELEV.
MW-1	901521.36	1664831.25	444.77	444.40
MW-2	901455.49	1664796.94	445.07	444.79
MW-3	901603.43	1664827.75	444.36	444.12
MW-4	901540.40	1664882.52	446.27	445.97

WSW-1	TOC EL = 446.24
WSW-1	ADJ CONC EL = 445.27

LEGEND AND ABBREVIATIONS:

- MW = MONITORING WELL
- BM = BENCHMARK
- SW = SURFACE WATER SAMPLE POINT
- WSW = WATER SUPPLY WELL
- USTF = UNDERGROUND STORAGE TANK FILL
- SIGN = SIGN
- ECAB = ELECTRIC CABINET
- FD = FUEL DISPENSER
- CATV = UNDERGROUND CABLE TV LINE
- UGP = UNDERGROUND POWER LINE
- PL = UNDERGROUND PRODUCT LINE
- GIS = GIS PROPERTY LINE
- RIM = RIM OF WELL STRUCTURE
- TOC = TOP OF CASING
- SCSP = SOUTH CAROLINA STATE PLANE



NOTE:
NOT FOR THE PURPOSE OF RECORDATION AT COUNTY, COURTHOUSE OR THE CONVEYANCE OF PROPERTY. THE PROPERTY DATA SHOWN HEREON IS A GRAPHIC REPRESENTATION OF GIS DATA AS SHOWN BY GREENWOOD COUNTY.

THIS PARCEL MAY BE SUBJECT TO EASEMENT AND/OR RIGHT-OF-WAYS NOT SHOWN. FINAL RESULTS, CONCLUSIVE OF TITLE SEARCH

I HEREBY CERTIFY THAT THE FIELD WORK, CALCULATIONS, AND DRAFTING WERE DONE UNDER MY DIRECT SUPERVISION.

BENCHMARK IS A MAGNAIL
NAVD 88 ELEV.= 447.18'

GRAPHIC SCALE 1"=50'

0 50 100 150

SOUTH CAROLINA REGISTERED LAND SURVEYOR No. 14811 JAY S. JOSHI

SOUTH CAROLINA CONSTRUCTION SUPPORT SERVICES No. C02425 CERTIFICATE OF AUTHORIZATION

COMPREHENSIVE SITE SKETCH OF

ONE STOP MARINA

5121 OLD LAURENS ROAD
GREENWOOD, GREENWOOD COUNTY, SC
SCDHEC SITE ID #17043
PREPARED FOR

ENVIROSOUTH

Jay S. Joshi

JAY S. JOSHI PLS # 14811
P.O. BOX 90408, COLUMBIA, SC, 29290 803-776-9909

DATE: JANUARY 27, 2025 JOB #012025L
REVISED JANUARY 29, 2025 TO CORRECT WELL ID AND PRODUCT LINES

APPENDIX B – FIELD SHEETS AND LABORATORY REPORTS

GROUNDWATER SAMPLING LOG

Client:
Job Number: 1872
Site: One stop Marina
Well Number: MW-1

Total Well Depth: 15'
Well Diameter: 2"
Borehole Diameter:

Min. Number Well Vol. To Be Purged:
Vol. Per Vertical Ft. Casing (Gal.):
Vol. Per Linear Well Feet (Gal./Ft.):

Static Water Level (Ft.): 8.22
Standing Water Column (Ft.):
Total Gallons Purged: 1.00
Containerized? Yes

Amt. One Well Vol. (Gal.):
Total Gal. To Be Purged:

Purging System: Low flow
Sampling System: Low flow

DATE	TIME	AMOUNT PURGED (GAL.)	FIELD PARAMETERS MEASURED							COMMENTS	SAMPLER
			TEMP (°C)	pH	ORP (mV)	EC (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	PID (ppm)		TH
12/4	1346	0	17.3	4.91	147.2	.006	349.55	7.47		Duplicate	
	1345	.25	18.4	4.77	-5.1	.278	88.61	0.70			
	1350	.50	18.0	4.72	-3.7	.270	63.16	0.62			
	1355	.75	18.5	4.70	-4.1	.273	60.18	0.59			
	1400	1.00	18.9	4.68	-4.0	.274	62.44	0.59			

FINAL TURBIDITY:

GROUNDWATER SAMPLING LOG

Client:
Job Number: 1872
Site: One Stop Marina
Well Number: ~~MW-4~~ MW-2

Total Well Depth: 15'
Well Diameter: 2"
Borehole Diameter:

Min. Number Well Vol. To Be Purged:
Vol. Per Vertical Ft. Casing (Gal.):
Vol. Per Linear Well Feet (Gal./Ft.):

Static Water Level (Ft.): 8.40
Standing Water Column (Ft.):
Total Gallons Purged: 7.00
Containerized? Yes

Amt. One Well Vol. (Gal.):
Total Gal. To Be Purged:

Purging System: Low flow
Sampling System: Low flow

DATE	TIME	AMOUNT PURGED (GAL.)	FIELD PARAMETERS MEASURED							COMMENTS	SAMPLER
			TEMP (°C)	pH	ORP (mV)	EC (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	PID (ppm)		
12/4	1125	0	17.7	7.00	134.5	.197	150.11	5.10		TB-1: 800	TH
	1130	.25	17.8	7.00	136.5	.197	35.13	4.93		FB-1: 900	
	1135	.50	18.2	7.00	140.2	.196	10.86	5.50		USW-Trip: 930	
	1140	.75	18.2	7.00	143.3	.195	9.11	4.85		USW-Blank: 945	
	1145	1.00	18.6	7.00	148.1	.200	4.76	4.96		SW-1: 1000	
										SW-2: 1015	
										USW-1: 1045	

FINAL TURBIDITY:

GROUNDWATER SAMPLING LOG

Client: _____
Job Number: 1872
Site: One Stop Marina
Well Number: MW-3

Total Well Depth: 15'
Well Diameter: 2"
Borehole Diameter: _____

Min. Number Well Vol. To Be Purged: _____
Vol. Per Vertical Ft. Casing (Gal.): _____
Vol. Per Linear Well Feet (Gal./Ft.): _____

Static Water Level (Ft.): 7.87'
Standing Water Column (Ft.): _____
Total Gallons Purged: 1.00
Containerized? Yes

Amt. One Well Vol. (Gal.): _____
Total Gal. To Be Purged: _____

Purging System: Low flow
Sampling System: Low flow

DATE	TIME	AMOUNT PURGED (GAL.)	FIELD PARAMETERS MEASURED							COMMENTS	SAMPLER
			TEMP (°C)	pH	ORP (mV)	EC (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	PID (ppm)		
1214	1245	0	21.0	6.37	-61.6	.537	10,089.21	0.49			TH
	1250	.25	20.1	6.31	-74.0	.519	4,077.89	0.54			
	1255	.50	20.0	6.20	-85.4	.525	126.91	0.46			
	1300	.75	20.0	6.19	-88.0	.533	130.64	0.47			
	1305	1.00	19.6	6.17	-89.9	.531	131.89	0.48			

FINAL TURBIDITY:

GROUNDWATER SAMPLING LOG

Client:
Job Number: 1872
Site: One Stop Marina
Well Number: ~~MW-2~~ MW-4

Total Well Depth: 15'
Well Diameter: 2"
Borehole Diameter:

Min. Number Well Vol. To Be Purged:
Vol. Per Vertical Ft. Casing (Gal.):
Vol. Per Linear Well Feet (Gal./Ft.):

Static Water Level (Ft.): 9.71
Standing Water Column (Ft.):
Total Gallons Purged: 1.25
Containerized? Yes

Amt. One Well Vol. (Gal.):
Total Gal. To Be Purged:

Purging System: Low flow
Sampling System: Low flow

DATE	TIME	AMOUNT PURGED (GAL.)	FIELD PARAMETERS MEASURED							COMMENTS	SAMPLER
			TEMP (°C)	pH	ORP (mV)	EC (mS/cm)	TURBIDITY (NTU)	DO (mg/L)	PID (ppm)		
1214	1200	0	20.6	5.71	-28.2	.545	908.21	0.90			TH
	1205	.25	20.8	5.67	-64.0	.556	1244.58	0.62			
	1210	.50	20.7	5.41	-81.9	.557	1006.39	0.55			
	1215	.75	20.7	5.40	-93.4	.551	63.77	0.50			
	1220	1.00	21.0	5.40	-98.3	.548	5.73	0.47			
	1225	1.25	20.7	5.40	-96.4	.541	2.54	0.46			

FINAL TURBIDITY:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

December 19, 2024

Tom Donn
EnviroSouth, Inc.
3440 Augusta Rd.
Greenville, SC 29605

RE: Project: One Stop Marina
Pace Project No.: 92766574

Dear Tom Donn:

Enclosed are the analytical results for sample(s) received by the laboratory on December 02, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses were subcontracted outside of the Pace Network. The test report from the external subcontractor is attached to this report in its entirety.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Green Bay

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matthew Brainard
matthew.brainard@pacelabs.com
704-977-0942
Project Manager

Enclosures

cc: Beth Dalke, EnviroSouth
Trevor Hudson, Envirosouth
Jennifer Lezcano, EnviroSouth
William Lyons, EnviroSouth
Allen Meadows, EnviroSouth
Keigan Mennetti, EnviroSouth

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(704)875-9092

CERTIFICATIONS

Project: One Stop Marina
Pace Project No.: 92766574

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

Pace Analytical Services Charlotte
South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: One Stop Marina
Pace Project No.: 92766574

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92766574001	**S-4**	Solid	11/27/24 10:02	12/02/24 09:25
92766574002	**S-5**	Solid	11/27/24 09:30	12/02/24 09:25
92766574003	**S-6**	Solid	11/27/24 09:17	12/02/24 09:25
92766574004	**S-7**	Solid	11/27/24 09:55	12/02/24 09:25
92766574005	**S-8**	Solid	11/27/24 10:28	12/02/24 09:25
92766574006	**S-9**	Solid	11/27/24 10:49	12/02/24 09:25
92766574007	**S-10**	Solid	11/27/24 11:05	12/02/24 09:25
92766574008	**S-11**	Solid	11/27/24 09:44	12/02/24 09:25
92766574009	**S-12**	Solid	11/27/24 08:55	12/02/24 09:25
92766574010	**S-13**	Solid	11/27/24 11:23	12/02/24 09:25
92766574011	**S-14**	Solid	11/27/24 13:40	12/02/24 09:25

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SAMPLE ANALYTE COUNT

Project: One Stop Marina
Pace Project No.: 92766574

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92766574001	**S-4**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574002	**S-5**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574003	**S-6**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574004	**S-7**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574005	**S-8**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574006	**S-9**	EPA 8015C	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574007	**S-10**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574008	**S-11**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C
92766574009	**S-12**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: One Stop Marina
Pace Project No.: 92766574

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92766574010	**S-13**	ASTM D2974-87	YXH	1	PASI-G
		EPA 9060	TJJ	6	PASI-G
92766574011	**S-14**	EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
		SW-846	KDF	1	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte
PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: One Stop Marina
Pace Project No.: 92766574

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92766574001	**S-4**					
EPA 6010D	Lead	1.9	mg/kg	1.5	12/06/24 18:44	B
EPA 8260D	Benzene	17.0	ug/kg	6.9	12/04/24 23:31	
EPA 8260D	Ethylbenzene	55.3	ug/kg	6.9	12/04/24 23:31	
EPA 8260D	Toluene	250	ug/kg	6.9	12/04/24 23:31	
EPA 8260D	Xylene (Total)	286	ug/kg	13.8	12/04/24 23:31	
EPA 8260D	m&p-Xylene	229	ug/kg	13.8	12/04/24 23:31	
EPA 8260D	o-Xylene	56.7	ug/kg	6.9	12/04/24 23:31	
SW-846	Percent Moisture	12.0	%	0.10	12/03/24 14:21	N2
92766574002	**S-5**					
EPA 6010D	Lead	1.7J	mg/kg	2.2	12/06/24 18:47	
EPA 8270E	Fluorene	293J	ug/kg	401	12/07/24 15:24	
EPA 8270E	1-Methylnaphthalene	5730	ug/kg	2000	12/08/24 18:37	
EPA 8270E	2-Methylnaphthalene	12800	ug/kg	2000	12/08/24 18:37	
EPA 8270E	Naphthalene	24500	ug/kg	4010	12/08/24 21:52	
EPA 8270E	Phenanthrene	313J	ug/kg	401	12/07/24 15:24	
EPA 8260D	Benzene	2170	ug/kg	753	12/06/24 06:08	
EPA 8260D	Ethylbenzene	212000	ug/kg	753	12/06/24 06:08	
EPA 8260D	Naphthalene	35800	ug/kg	753	12/06/24 06:08	
EPA 8260D	Toluene	330000	ug/kg	753	12/06/24 06:08	
EPA 8260D	Xylene (Total)	1330000	ug/kg	1510	12/06/24 06:08	
EPA 8260D	m&p-Xylene	931000	ug/kg	1510	12/06/24 06:08	
EPA 8260D	o-Xylene	403000	ug/kg	753	12/06/24 06:08	
SW-846	Percent Moisture	17.1	%	0.10	12/03/24 14:21	N2
92766574003	**S-6**					
EPA 6010D	Lead	7.7	mg/kg	1.5	12/06/24 18:50	
EPA 8270E	1-Methylnaphthalene	392J	ug/kg	396	12/07/24 15:51	
EPA 8270E	2-Methylnaphthalene	734	ug/kg	396	12/07/24 15:51	
EPA 8270E	Naphthalene	758	ug/kg	396	12/07/24 15:51	
EPA 8260D	Benzene	5120	ug/kg	179	12/06/24 05:15	
EPA 8260D	Ethylbenzene	63100	ug/kg	179	12/06/24 05:15	
EPA 8260D	Naphthalene	10600	ug/kg	179	12/06/24 05:15	
EPA 8260D	Toluene	128000	ug/kg	179	12/06/24 05:15	
EPA 8260D	Xylene (Total)	352000	ug/kg	358	12/06/24 05:15	
EPA 8260D	m&p-Xylene	242000	ug/kg	358	12/06/24 05:15	
EPA 8260D	o-Xylene	110000	ug/kg	179	12/06/24 05:15	
SW-846	Percent Moisture	16.1	%	0.10	12/03/24 14:38	N2
92766574004	**S-7**					
EPA 6010D	Lead	2.3	mg/kg	1.8	12/06/24 18:52	B
EPA 8270E	1-Methylnaphthalene	323J	ug/kg	379	12/07/24 16:19	
EPA 8270E	2-Methylnaphthalene	673	ug/kg	379	12/07/24 16:19	
EPA 8270E	Naphthalene	523	ug/kg	379	12/07/24 16:19	
EPA 8260D	Benzene	285	ug/kg	71.5	12/06/24 03:29	
EPA 8260D	Ethylbenzene	7830	ug/kg	71.5	12/06/24 03:29	
EPA 8260D	Naphthalene	3410	ug/kg	71.5	12/06/24 03:29	
EPA 8260D	Toluene	4190	ug/kg	71.5	12/06/24 03:29	
EPA 8260D	Xylene (Total)	46800	ug/kg	143	12/06/24 03:29	

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: One Stop Marina
Pace Project No.: 92766574

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92766574004	**S-7**					
EPA 8260D	m&p-Xylene	34400	ug/kg	143	12/06/24 03:29	
EPA 8260D	o-Xylene	12400	ug/kg	71.5	12/06/24 03:29	
SW-846	Percent Moisture	12.5	%	0.10	12/03/24 14:38	N2
92766574005	**S-8**					
EPA 6010D	Lead	3.8	mg/kg	2.1	12/06/24 18:55	
EPA 8270E	1-Methylnaphthalene	1010	ug/kg	392	12/07/24 16:47	
EPA 8270E	2-Methylnaphthalene	2100	ug/kg	392	12/07/24 16:47	
EPA 8270E	Naphthalene	3860	ug/kg	392	12/07/24 16:47	
EPA 8260D	Benzene	503	ug/kg	99.3	12/06/24 04:04	
EPA 8260D	Ethylbenzene	19900	ug/kg	99.3	12/06/24 04:04	
EPA 8260D	Naphthalene	6470	ug/kg	99.3	12/06/24 04:04	
EPA 8260D	Toluene	17100	ug/kg	99.3	12/06/24 04:04	
EPA 8260D	Xylene (Total)	134000	ug/kg	199	12/06/24 04:04	
EPA 8260D	m&p-Xylene	94400	ug/kg	199	12/06/24 04:04	
EPA 8260D	o-Xylene	39500	ug/kg	99.3	12/06/24 04:04	
SW-846	Percent Moisture	15.2	%	0.10	12/03/24 14:38	N2
92766574006	**S-9**					
EPA 8015C	Diesel Range Organics(C10-C28)	86.8	mg/kg	6.1	12/06/24 14:07	
EPA 6010D	Lead	2.7	mg/kg	1.7	12/06/24 18:58	B
EPA 8270E	1-Methylnaphthalene	534	ug/kg	400	12/07/24 17:15	
EPA 8270E	2-Methylnaphthalene	1130	ug/kg	400	12/07/24 17:15	
EPA 8270E	Naphthalene	1920	ug/kg	400	12/07/24 17:15	
EPA 8260D	Benzene	7010	ug/kg	663	12/06/24 06:43	
EPA 8260D	tert-Butyl Formate	6370J	ug/kg	6630	12/06/24 06:43	
EPA 8260D	Ethylbenzene	166000	ug/kg	663	12/06/24 06:43	
EPA 8260D	Naphthalene	29700	ug/kg	663	12/06/24 06:43	
EPA 8260D	Toluene	481000	ug/kg	663	12/06/24 06:43	
EPA 8260D	Xylene (Total)	981000	ug/kg	1330	12/06/24 06:43	
EPA 8260D	m&p-Xylene	686000	ug/kg	1330	12/06/24 06:43	
EPA 8260D	o-Xylene	295000	ug/kg	663	12/06/24 06:43	
SW-846	Percent Moisture	17.6	%	0.10	12/03/24 14:38	N2
92766574007	**S-10**					
EPA 6010D	Lead	18.4	mg/kg	1.7	12/06/24 19:01	
EPA 8270E	Fluoranthene	155J	ug/kg	423	12/07/24 17:42	
EPA 8270E	1-Methylnaphthalene	2230	ug/kg	423	12/07/24 17:42	
EPA 8270E	2-Methylnaphthalene	3900	ug/kg	423	12/07/24 17:42	
EPA 8270E	Naphthalene	6140	ug/kg	845	12/08/24 19:05	
EPA 8260D	Benzene	330	ug/kg	211	12/06/24 04:39	
EPA 8260D	Ethylbenzene	29400	ug/kg	211	12/06/24 04:39	
EPA 8260D	Naphthalene	13000	ug/kg	211	12/06/24 04:39	
EPA 8260D	Toluene	30400	ug/kg	211	12/06/24 04:39	
EPA 8260D	Xylene (Total)	260000	ug/kg	422	12/06/24 04:39	
EPA 8260D	m&p-Xylene	172000	ug/kg	422	12/06/24 04:39	
EPA 8260D	o-Xylene	87200	ug/kg	211	12/06/24 04:39	
SW-846	Percent Moisture	21.9	%	0.10	12/03/24 14:38	N2

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: One Stop Marina
Pace Project No.: 92766574

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92766574008	**S-11**					
EPA 6010D	Lead	2.6	mg/kg	1.5	12/06/24 19:04	B
EPA 8270E	1-Methylnaphthalene	845	ug/kg	388	12/07/24 18:10	
EPA 8270E	2-Methylnaphthalene	1870	ug/kg	388	12/07/24 18:10	
EPA 8270E	Naphthalene	3690	ug/kg	388	12/07/24 18:10	
EPA 8260D	Benzene	967	ug/kg	372	12/05/24 05:41	
EPA 8260D	Ethylbenzene	64700	ug/kg	372	12/05/24 05:41	
EPA 8260D	Naphthalene	15400	ug/kg	372	12/05/24 05:41	
EPA 8260D	Toluene	25600	ug/kg	372	12/05/24 05:41	
EPA 8260D	Xylene (Total)	398000	ug/kg	743	12/05/24 05:41	
EPA 8260D	m&p-Xylene	286000	ug/kg	743	12/05/24 05:41	
EPA 8260D	o-Xylene	112000	ug/kg	372	12/05/24 05:41	
SW-846	Percent Moisture	14.7	%	0.10	12/03/24 14:38	N2
92766574009	**S-12**					
EPA 6010D	Lead	7.4	mg/kg	2.1	12/06/24 19:12	
EPA 8270E	1-Methylnaphthalene	953	ug/kg	375	12/07/24 18:38	
EPA 8270E	2-Methylnaphthalene	2030	ug/kg	375	12/07/24 18:38	
EPA 8270E	Naphthalene	3070	ug/kg	375	12/07/24 18:38	
EPA 8260D	Benzene	529	ug/kg	273	12/07/24 03:05	
EPA 8260D	Ethylbenzene	72900	ug/kg	273	12/07/24 03:05	
EPA 8260D	Naphthalene	17200	ug/kg	273	12/07/24 03:05	
EPA 8260D	Toluene	91300	ug/kg	273	12/07/24 03:05	
EPA 8260D	Xylene (Total)	408000	ug/kg	547	12/07/24 03:05	
EPA 8260D	m&p-Xylene	299000	ug/kg	547	12/07/24 03:05	
EPA 8260D	o-Xylene	109000	ug/kg	273	12/07/24 03:05	
SW-846	Percent Moisture	11.9	%	0.10	12/03/24 14:39	N2
92766574010	**S-13**					
ASTM D2974-87	Percent Moisture	16.1	%	0.10	12/08/24 09:19	
EPA 9060	Total Organic Carbon	3990	mg/kg	713	12/10/24 20:31	
EPA 9060	Total Organic Carbon	3570	mg/kg	714	12/10/24 20:37	
EPA 9060	Total Organic Carbon	3780	mg/kg	710	12/10/24 20:42	
EPA 9060	Total Organic Carbon	4250	mg/kg	712	12/10/24 20:47	
EPA 9060	Mean Total Organic Carbon	3900	mg/kg	713	12/10/24 20:31	
EPA 9060	RSD%	7.5	%		12/10/24 20:31	
92766574011	**S-14**					
EPA 6010D	Lead	14.9	mg/kg	1.7	12/06/24 19:15	
EPA 8270E	1-Methylnaphthalene	1660	ug/kg	412	12/07/24 19:06	
EPA 8270E	2-Methylnaphthalene	2880	ug/kg	412	12/07/24 19:06	
EPA 8270E	Naphthalene	3930	ug/kg	412	12/07/24 19:06	
EPA 8260D	Benzene	36800	ug/kg	826	12/10/24 04:26	
EPA 8260D	Ethylbenzene	123000	ug/kg	826	12/10/24 04:26	
EPA 8260D	Naphthalene	28400	ug/kg	826	12/10/24 04:26	
EPA 8260D	Toluene	630000	ug/kg	826	12/10/24 04:26	
EPA 8260D	Xylene (Total)	1030000	ug/kg	1650	12/10/24 04:26	
EPA 8260D	m&p-Xylene	714000	ug/kg	1650	12/10/24 04:26	
EPA 8260D	o-Xylene	313000	ug/kg	826	12/10/24 04:26	
SW-846	Percent Moisture	20.4	%	0.10	12/03/24 14:39	N2

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-4 **Lab ID: 92766574001** Collected: 11/27/24 10:02 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**1.9**	mg/kg	1.5	0.39	2	12/04/24 15:00	12/06/24 18:44	7439-92-1	B
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	374	131	1	12/05/24 17:22	12/07/24 13:55	83-32-9	
Acenaphthylene	ND	ug/kg	374	131	1	12/05/24 17:22	12/07/24 13:55	208-96-8	
Anthracene	ND	ug/kg	374	122	1	12/05/24 17:22	12/07/24 13:55	120-12-7	
Benzo(a)anthracene	ND	ug/kg	374	125	1	12/05/24 17:22	12/07/24 13:55	56-55-3	
Benzo(a)pyrene	ND	ug/kg	374	129	1	12/05/24 17:22	12/07/24 13:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	374	125	1	12/05/24 17:22	12/07/24 13:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	374	145	1	12/05/24 17:22	12/07/24 13:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	374	131	1	12/05/24 17:22	12/07/24 13:55	207-08-9	
Chrysene	ND	ug/kg	374	136	1	12/05/24 17:22	12/07/24 13:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	374	144	1	12/05/24 17:22	12/07/24 13:55	53-70-3	
Fluoranthene	ND	ug/kg	374	128	1	12/05/24 17:22	12/07/24 13:55	206-44-0	
Fluorene	ND	ug/kg	374	131	1	12/05/24 17:22	12/07/24 13:55	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	374	147	1	12/05/24 17:22	12/07/24 13:55	193-39-5	
1-Methylnaphthalene	ND	ug/kg	374	131	1	12/05/24 17:22	12/07/24 13:55	90-12-0	
2-Methylnaphthalene	ND	ug/kg	374	150	1	12/05/24 17:22	12/07/24 13:55	91-57-6	
Naphthalene	ND	ug/kg	374	127	1	12/05/24 17:22	12/07/24 13:55	91-20-3	
Phenanthrene	ND	ug/kg	374	122	1	12/05/24 17:22	12/07/24 13:55	85-01-8	
Pyrene	ND	ug/kg	374	152	1	12/05/24 17:22	12/07/24 13:55	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	64	%	10-130		1	12/05/24 17:22	12/07/24 13:55	4165-60-0	
2-Fluorobiphenyl (S)	57	%	10-130		1	12/05/24 17:22	12/07/24 13:55	321-60-8	
Terphenyl-d14 (S)	81	%	10-130		1	12/05/24 17:22	12/07/24 13:55	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	138	40.5	1	12/04/24 19:51	12/04/24 23:31	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	13.8	4.2	1	12/04/24 19:51	12/04/24 23:31	994-05-8	
Benzene	**17.0**	ug/kg	6.9	2.7	1	12/04/24 19:51	12/04/24 23:31	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	138	44.2	1	12/04/24 19:51	12/04/24 23:31	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	138	42.0	1	12/04/24 19:51	12/04/24 23:31	75-65-0	
tert-Butyl Formate	ND	ug/kg	69.1	17.5	1	12/04/24 19:51	12/04/24 23:31	762-75-4	
1,2-Dichloroethane	ND	ug/kg	6.9	4.6	1	12/04/24 19:51	12/04/24 23:31	107-06-2	
Diisopropyl ether	ND	ug/kg	6.9	1.9	1	12/04/24 19:51	12/04/24 23:31	108-20-3	
Ethanol	ND	ug/kg	276	265	1	12/04/24 19:51	12/04/24 23:31	64-17-5	
Ethylbenzene	**55.3**	ug/kg	6.9	3.2	1	12/04/24 19:51	12/04/24 23:31	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	13.8	4.1	1	12/04/24 19:51	12/04/24 23:31	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	6.9	2.6	1	12/04/24 19:51	12/04/24 23:31	1634-04-4	
Naphthalene	ND	ug/kg	6.9	3.6	1	12/04/24 19:51	12/04/24 23:31	91-20-3	
Toluene	**250**	ug/kg	6.9	4.8	1	12/04/24 19:51	12/04/24 23:31	108-88-3	
Xylene (Total)	**286**	ug/kg	13.8	3.9	1	12/04/24 19:51	12/04/24 23:31	1330-20-7	

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(704)875-9092

ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-4 **Lab ID: 92766574001** Collected: 11/27/24 10:02 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**229**	ug/kg	13.8	4.7	1	12/04/24 19:51	12/04/24 23:31	179601-23-1	
o-Xylene	**56.7**	ug/kg	6.9	3.1	1	12/04/24 19:51	12/04/24 23:31	95-47-6	
Surrogates									
Toluene-d8 (S)	102	%	70-130		1	12/04/24 19:51	12/04/24 23:31	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		1	12/04/24 19:51	12/04/24 23:31	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-135		1	12/04/24 19:51	12/04/24 23:31	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**12.0**	%	0.10	0.10	1		12/03/24 14:21		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-5 **Lab ID: 92766574002** Collected: 11/27/24 09:30 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**1.7J**	mg/kg	2.2	0.57	2	12/04/24 15:00	12/06/24 18:47	7439-92-1	
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	401	141	1	12/05/24 17:22	12/07/24 15:24	83-32-9	
Acenaphthylene	ND	ug/kg	401	141	1	12/05/24 17:22	12/07/24 15:24	208-96-8	
Anthracene	ND	ug/kg	401	131	1	12/05/24 17:22	12/07/24 15:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	401	134	1	12/05/24 17:22	12/07/24 15:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	401	138	1	12/05/24 17:22	12/07/24 15:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	401	134	1	12/05/24 17:22	12/07/24 15:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	401	155	1	12/05/24 17:22	12/07/24 15:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	401	141	1	12/05/24 17:22	12/07/24 15:24	207-08-9	
Chrysene	ND	ug/kg	401	146	1	12/05/24 17:22	12/07/24 15:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	401	154	1	12/05/24 17:22	12/07/24 15:24	53-70-3	
Fluoranthene	ND	ug/kg	401	137	1	12/05/24 17:22	12/07/24 15:24	206-44-0	
Fluorene	**293J**	ug/kg	401	141	1	12/05/24 17:22	12/07/24 15:24	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	401	158	1	12/05/24 17:22	12/07/24 15:24	193-39-5	
1-Methylnaphthalene	**5730**	ug/kg	2000	704	5	12/05/24 17:22	12/08/24 18:37	90-12-0	
2-Methylnaphthalene	**12800**	ug/kg	2000	801	5	12/05/24 17:22	12/08/24 18:37	91-57-6	
Naphthalene	**24500**	ug/kg	4010	1360	10	12/05/24 17:22	12/08/24 21:52	91-20-3	
Phenanthrene	**313J**	ug/kg	401	131	1	12/05/24 17:22	12/07/24 15:24	85-01-8	
Pyrene	ND	ug/kg	401	163	1	12/05/24 17:22	12/07/24 15:24	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-130		1	12/05/24 17:22	12/07/24 15:24	4165-60-0	
2-Fluorobiphenyl (S)	50	%	10-130		1	12/05/24 17:22	12/07/24 15:24	321-60-8	
Terphenyl-d14 (S)	50	%	10-130		1	12/05/24 17:22	12/07/24 15:24	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	15100	4410	100	12/05/24 21:57	12/06/24 06:08	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	1510	456	100	12/05/24 21:57	12/06/24 06:08	994-05-8	
Benzene	**2170**	ug/kg	753	300	100	12/05/24 21:57	12/06/24 06:08	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	15100	4820	100	12/05/24 21:57	12/06/24 06:08	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	15100	4580	100	12/05/24 21:57	12/06/24 06:08	75-65-0	
tert-Butyl Formate	ND	ug/kg	7530	1910	100	12/05/24 21:57	12/06/24 06:08	762-75-4	
1,2-Dichloroethane	ND	ug/kg	753	499	100	12/05/24 21:57	12/06/24 06:08	107-06-2	
Diisopropyl ether	ND	ug/kg	753	203	100	12/05/24 21:57	12/06/24 06:08	108-20-3	
Ethanol	ND	ug/kg	30100	28900	100	12/05/24 21:57	12/06/24 06:08	64-17-5	
Ethylbenzene	**212000**	ug/kg	753	351	100	12/05/24 21:57	12/06/24 06:08	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	1510	447	100	12/05/24 21:57	12/06/24 06:08	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	753	282	100	12/05/24 21:57	12/06/24 06:08	1634-04-4	
Naphthalene	**35800**	ug/kg	753	396	100	12/05/24 21:57	12/06/24 06:08	91-20-3	
Toluene	**330000**	ug/kg	753	520	100	12/05/24 21:57	12/06/24 06:08	108-88-3	
Xylene (Total)	**1330000**	ug/kg	1510	429	100	12/05/24 21:57	12/06/24 06:08	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-5 **Lab ID: 92766574002** Collected: 11/27/24 09:30 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**931000**	ug/kg	1510	515	100	12/05/24 21:57	12/06/24 06:08	179601-23-1	
o-Xylene	**403000**	ug/kg	753	333	100	12/05/24 21:57	12/06/24 06:08	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		100	12/05/24 21:57	12/06/24 06:08	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		100	12/05/24 21:57	12/06/24 06:08	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-135		100	12/05/24 21:57	12/06/24 06:08	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**17.1**	%	0.10	0.10	1		12/03/24 14:21		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-6 **Lab ID: 92766574003** Collected: 11/27/24 09:17 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**7.7**	mg/kg	1.5	0.39	2	12/04/24 15:00	12/06/24 18:50	7439-92-1	
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	396	139	1	12/05/24 17:22	12/07/24 15:51	83-32-9	
Acenaphthylene	ND	ug/kg	396	139	1	12/05/24 17:22	12/07/24 15:51	208-96-8	
Anthracene	ND	ug/kg	396	130	1	12/05/24 17:22	12/07/24 15:51	120-12-7	
Benzo(a)anthracene	ND	ug/kg	396	132	1	12/05/24 17:22	12/07/24 15:51	56-55-3	
Benzo(a)pyrene	ND	ug/kg	396	137	1	12/05/24 17:22	12/07/24 15:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	396	132	1	12/05/24 17:22	12/07/24 15:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	396	154	1	12/05/24 17:22	12/07/24 15:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	396	139	1	12/05/24 17:22	12/07/24 15:51	207-08-9	
Chrysene	ND	ug/kg	396	144	1	12/05/24 17:22	12/07/24 15:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	396	152	1	12/05/24 17:22	12/07/24 15:51	53-70-3	
Fluoranthene	ND	ug/kg	396	136	1	12/05/24 17:22	12/07/24 15:51	206-44-0	
Fluorene	ND	ug/kg	396	139	1	12/05/24 17:22	12/07/24 15:51	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	396	156	1	12/05/24 17:22	12/07/24 15:51	193-39-5	
1-Methylnaphthalene	**392J**	ug/kg	396	139	1	12/05/24 17:22	12/07/24 15:51	90-12-0	
2-Methylnaphthalene	**734**	ug/kg	396	158	1	12/05/24 17:22	12/07/24 15:51	91-57-6	
Naphthalene	**758**	ug/kg	396	134	1	12/05/24 17:22	12/07/24 15:51	91-20-3	
Phenanthrene	ND	ug/kg	396	130	1	12/05/24 17:22	12/07/24 15:51	85-01-8	
Pyrene	ND	ug/kg	396	161	1	12/05/24 17:22	12/07/24 15:51	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	57	%	10-130		1	12/05/24 17:22	12/07/24 15:51	4165-60-0	
2-Fluorobiphenyl (S)	53	%	10-130		1	12/05/24 17:22	12/07/24 15:51	321-60-8	
Terphenyl-d14 (S)	83	%	10-130		1	12/05/24 17:22	12/07/24 15:51	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	3580	1050	25	12/05/24 21:57	12/06/24 05:15	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	358	108	25	12/05/24 21:57	12/06/24 05:15	994-05-8	
Benzene	**5120**	ug/kg	179	71.2	25	12/05/24 21:57	12/06/24 05:15	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	3580	1140	25	12/05/24 21:57	12/06/24 05:15	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	3580	1090	25	12/05/24 21:57	12/06/24 05:15	75-65-0	
tert-Butyl Formate	ND	ug/kg	1790	454	25	12/05/24 21:57	12/06/24 05:15	762-75-4	
1,2-Dichloroethane	ND	ug/kg	179	118	25	12/05/24 21:57	12/06/24 05:15	107-06-2	
Diisopropyl ether	ND	ug/kg	179	48.3	25	12/05/24 21:57	12/06/24 05:15	108-20-3	
Ethanol	ND	ug/kg	7150	6870	25	12/05/24 21:57	12/06/24 05:15	64-17-5	
Ethylbenzene	**63100**	ug/kg	179	83.3	25	12/05/24 21:57	12/06/24 05:15	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	358	106	25	12/05/24 21:57	12/06/24 05:15	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	179	66.9	25	12/05/24 21:57	12/06/24 05:15	1634-04-4	
Naphthalene	**10600**	ug/kg	179	94.1	25	12/05/24 21:57	12/06/24 05:15	91-20-3	
Toluene	**128000**	ug/kg	179	123	25	12/05/24 21:57	12/06/24 05:15	108-88-3	
Xylene (Total)	**352000**	ug/kg	358	102	25	12/05/24 21:57	12/06/24 05:15	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-6 **Lab ID: 92766574003** Collected: 11/27/24 09:17 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**242000**	ug/kg	358	122	25	12/05/24 21:57	12/06/24 05:15	179601-23-1	
o-Xylene	**110000**	ug/kg	179	79.0	25	12/05/24 21:57	12/06/24 05:15	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		25	12/05/24 21:57	12/06/24 05:15	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130		25	12/05/24 21:57	12/06/24 05:15	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-135		25	12/05/24 21:57	12/06/24 05:15	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.1**	%	0.10	0.10	1		12/03/24 14:38		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-7 **Lab ID: 92766574004** Collected: 11/27/24 09:55 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**2.3**	mg/kg	1.8	0.47	2	12/04/24 15:00	12/06/24 18:52	7439-92-1	B
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	379	133	1	12/05/24 17:22	12/07/24 16:19	83-32-9	
Acenaphthylene	ND	ug/kg	379	133	1	12/05/24 17:22	12/07/24 16:19	208-96-8	
Anthracene	ND	ug/kg	379	124	1	12/05/24 17:22	12/07/24 16:19	120-12-7	
Benzo(a)anthracene	ND	ug/kg	379	126	1	12/05/24 17:22	12/07/24 16:19	56-55-3	
Benzo(a)pyrene	ND	ug/kg	379	131	1	12/05/24 17:22	12/07/24 16:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	379	126	1	12/05/24 17:22	12/07/24 16:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	379	147	1	12/05/24 17:22	12/07/24 16:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	379	133	1	12/05/24 17:22	12/07/24 16:19	207-08-9	
Chrysene	ND	ug/kg	379	138	1	12/05/24 17:22	12/07/24 16:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	379	146	1	12/05/24 17:22	12/07/24 16:19	53-70-3	
Fluoranthene	ND	ug/kg	379	130	1	12/05/24 17:22	12/07/24 16:19	206-44-0	
Fluorene	ND	ug/kg	379	133	1	12/05/24 17:22	12/07/24 16:19	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	379	149	1	12/05/24 17:22	12/07/24 16:19	193-39-5	
1-Methylnaphthalene	**323J**	ug/kg	379	133	1	12/05/24 17:22	12/07/24 16:19	90-12-0	
2-Methylnaphthalene	**673**	ug/kg	379	151	1	12/05/24 17:22	12/07/24 16:19	91-57-6	
Naphthalene	**523**	ug/kg	379	128	1	12/05/24 17:22	12/07/24 16:19	91-20-3	
Phenanthrene	ND	ug/kg	379	124	1	12/05/24 17:22	12/07/24 16:19	85-01-8	
Pyrene	ND	ug/kg	379	154	1	12/05/24 17:22	12/07/24 16:19	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	54	%	10-130		1	12/05/24 17:22	12/07/24 16:19	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-130		1	12/05/24 17:22	12/07/24 16:19	321-60-8	
Terphenyl-d14 (S)	86	%	10-130		1	12/05/24 17:22	12/07/24 16:19	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	1430	419	10	12/05/24 21:57	12/06/24 03:29	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	143	43.4	10	12/05/24 21:57	12/06/24 03:29	994-05-8	
Benzene	**285**	ug/kg	71.5	28.5	10	12/05/24 21:57	12/06/24 03:29	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	1430	458	10	12/05/24 21:57	12/06/24 03:29	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	1430	435	10	12/05/24 21:57	12/06/24 03:29	75-65-0	
tert-Butyl Formate	ND	ug/kg	715	182	10	12/05/24 21:57	12/06/24 03:29	762-75-4	
1,2-Dichloroethane	ND	ug/kg	71.5	47.4	10	12/05/24 21:57	12/06/24 03:29	107-06-2	
Diisopropyl ether	ND	ug/kg	71.5	19.3	10	12/05/24 21:57	12/06/24 03:29	108-20-3	
Ethanol	ND	ug/kg	2860	2750	10	12/05/24 21:57	12/06/24 03:29	64-17-5	
Ethylbenzene	**7830**	ug/kg	71.5	33.3	10	12/05/24 21:57	12/06/24 03:29	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	143	42.5	10	12/05/24 21:57	12/06/24 03:29	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	71.5	26.8	10	12/05/24 21:57	12/06/24 03:29	1634-04-4	
Naphthalene	**3410**	ug/kg	71.5	37.6	10	12/05/24 21:57	12/06/24 03:29	91-20-3	
Toluene	**4190**	ug/kg	71.5	49.4	10	12/05/24 21:57	12/06/24 03:29	108-88-3	
Xylene (Total)	**46800**	ug/kg	143	40.8	10	12/05/24 21:57	12/06/24 03:29	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-7 **Lab ID: 92766574004** Collected: 11/27/24 09:55 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**34400**	ug/kg	143	48.9	10	12/05/24 21:57	12/06/24 03:29	179601-23-1	
o-Xylene	**12400**	ug/kg	71.5	31.6	10	12/05/24 21:57	12/06/24 03:29	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		10	12/05/24 21:57	12/06/24 03:29	2037-26-5	D3
4-Bromofluorobenzene (S)	100	%	70-130		10	12/05/24 21:57	12/06/24 03:29	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-135		10	12/05/24 21:57	12/06/24 03:29	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**12.5**	%	0.10	0.10	1		12/03/24 14:38		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-8 **Lab ID: 92766574005** Collected: 11/27/24 10:28 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**3.8**	mg/kg	2.1	0.54	2	12/04/24 15:00	12/06/24 18:55	7439-92-1	
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	392	138	1	12/05/24 17:22	12/07/24 16:47	83-32-9	
Acenaphthylene	ND	ug/kg	392	138	1	12/05/24 17:22	12/07/24 16:47	208-96-8	
Anthracene	ND	ug/kg	392	128	1	12/05/24 17:22	12/07/24 16:47	120-12-7	
Benzo(a)anthracene	ND	ug/kg	392	131	1	12/05/24 17:22	12/07/24 16:47	56-55-3	
Benzo(a)pyrene	ND	ug/kg	392	135	1	12/05/24 17:22	12/07/24 16:47	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	392	131	1	12/05/24 17:22	12/07/24 16:47	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	392	152	1	12/05/24 17:22	12/07/24 16:47	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	392	138	1	12/05/24 17:22	12/07/24 16:47	207-08-9	
Chrysene	ND	ug/kg	392	142	1	12/05/24 17:22	12/07/24 16:47	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	151	1	12/05/24 17:22	12/07/24 16:47	53-70-3	
Fluoranthene	ND	ug/kg	392	134	1	12/05/24 17:22	12/07/24 16:47	206-44-0	
Fluorene	ND	ug/kg	392	138	1	12/05/24 17:22	12/07/24 16:47	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	392	154	1	12/05/24 17:22	12/07/24 16:47	193-39-5	
1-Methylnaphthalene	**1010**	ug/kg	392	138	1	12/05/24 17:22	12/07/24 16:47	90-12-0	
2-Methylnaphthalene	**2100**	ug/kg	392	157	1	12/05/24 17:22	12/07/24 16:47	91-57-6	
Naphthalene	**3860**	ug/kg	392	133	1	12/05/24 17:22	12/07/24 16:47	91-20-3	
Phenanthrene	ND	ug/kg	392	128	1	12/05/24 17:22	12/07/24 16:47	85-01-8	
Pyrene	ND	ug/kg	392	159	1	12/05/24 17:22	12/07/24 16:47	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-130		1	12/05/24 17:22	12/07/24 16:47	4165-60-0	
2-Fluorobiphenyl (S)	59	%	10-130		1	12/05/24 17:22	12/07/24 16:47	321-60-8	
Terphenyl-d14 (S)	99	%	10-130		1	12/05/24 17:22	12/07/24 16:47	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	1990	582	12.5	12/05/24 21:57	12/06/24 04:04	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	199	60.2	12.5	12/05/24 21:57	12/06/24 04:04	994-05-8	
Benzene	**503**	ug/kg	99.3	39.5	12.5	12/05/24 21:57	12/06/24 04:04	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	1990	636	12.5	12/05/24 21:57	12/06/24 04:04	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	1990	604	12.5	12/05/24 21:57	12/06/24 04:04	75-65-0	
tert-Butyl Formate	ND	ug/kg	993	252	12.5	12/05/24 21:57	12/06/24 04:04	762-75-4	
1,2-Dichloroethane	ND	ug/kg	99.3	65.7	12.5	12/05/24 21:57	12/06/24 04:04	107-06-2	
Diisopropyl ether	ND	ug/kg	99.3	26.8	12.5	12/05/24 21:57	12/06/24 04:04	108-20-3	
Ethanol	ND	ug/kg	3970	3810	12.5	12/05/24 21:57	12/06/24 04:04	64-17-5	
Ethylbenzene	**19900**	ug/kg	99.3	46.3	12.5	12/05/24 21:57	12/06/24 04:04	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	199	59.0	12.5	12/05/24 21:57	12/06/24 04:04	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	99.3	37.1	12.5	12/05/24 21:57	12/06/24 04:04	1634-04-4	
Naphthalene	**6470**	ug/kg	99.3	52.2	12.5	12/05/24 21:57	12/06/24 04:04	91-20-3	
Toluene	**17100**	ug/kg	99.3	68.5	12.5	12/05/24 21:57	12/06/24 04:04	108-88-3	
Xylene (Total)	**134000**	ug/kg	199	56.6	12.5	12/05/24 21:57	12/06/24 04:04	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-8 **Lab ID: 92766574005** Collected: 11/27/24 10:28 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**94400**	ug/kg	199	67.9	12.5	12/05/24 21:57	12/06/24 04:04	179601-23-1	
o-Xylene	**39500**	ug/kg	99.3	43.9	12.5	12/05/24 21:57	12/06/24 04:04	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		12.5	12/05/24 21:57	12/06/24 04:04	2037-26-5	D3
4-Bromofluorobenzene (S)	101	%	70-130		12.5	12/05/24 21:57	12/06/24 04:04	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-135		12.5	12/05/24 21:57	12/06/24 04:04	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**15.2**	%	0.10	0.10	1		12/03/24 14:38		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-9 **Lab ID: 92766574006** Collected: 11/27/24 10:49 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015C Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Diesel Range Organics(C10-C28)	**86.8**	mg/kg	6.1	4.4	1	12/05/24 15:51	12/06/24 14:07		
Surrogates									
n-Pentacosane (S)	74	%	10-152		1	12/05/24 15:51	12/06/24 14:07	629-99-2	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**2.7**	mg/kg	1.7	0.45	2	12/04/24 15:00	12/06/24 18:58	7439-92-1	B
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	400	141	1	12/05/24 17:22	12/07/24 17:15	83-32-9	
Acenaphthylene	ND	ug/kg	400	141	1	12/05/24 17:22	12/07/24 17:15	208-96-8	
Anthracene	ND	ug/kg	400	131	1	12/05/24 17:22	12/07/24 17:15	120-12-7	
Benzo(a)anthracene	ND	ug/kg	400	133	1	12/05/24 17:22	12/07/24 17:15	56-55-3	
Benzo(a)pyrene	ND	ug/kg	400	138	1	12/05/24 17:22	12/07/24 17:15	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	400	133	1	12/05/24 17:22	12/07/24 17:15	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	400	155	1	12/05/24 17:22	12/07/24 17:15	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	400	141	1	12/05/24 17:22	12/07/24 17:15	207-08-9	
Chrysene	ND	ug/kg	400	146	1	12/05/24 17:22	12/07/24 17:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	400	154	1	12/05/24 17:22	12/07/24 17:15	53-70-3	
Fluoranthene	ND	ug/kg	400	137	1	12/05/24 17:22	12/07/24 17:15	206-44-0	
Fluorene	ND	ug/kg	400	141	1	12/05/24 17:22	12/07/24 17:15	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	400	158	1	12/05/24 17:22	12/07/24 17:15	193-39-5	
1-Methylnaphthalene	**534**	ug/kg	400	141	1	12/05/24 17:22	12/07/24 17:15	90-12-0	
2-Methylnaphthalene	**1130**	ug/kg	400	160	1	12/05/24 17:22	12/07/24 17:15	91-57-6	
Naphthalene	**1920**	ug/kg	400	136	1	12/05/24 17:22	12/07/24 17:15	91-20-3	
Phenanthrene	ND	ug/kg	400	131	1	12/05/24 17:22	12/07/24 17:15	85-01-8	
Pyrene	ND	ug/kg	400	163	1	12/05/24 17:22	12/07/24 17:15	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	60	%	10-130		1	12/05/24 17:22	12/07/24 17:15	4165-60-0	
2-Fluorobiphenyl (S)	47	%	10-130		1	12/05/24 17:22	12/07/24 17:15	321-60-8	
Terphenyl-d14 (S)	55	%	10-130		1	12/05/24 17:22	12/07/24 17:15	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	13300	3890	100	12/05/24 21:57	12/06/24 06:43	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	1330	402	100	12/05/24 21:57	12/06/24 06:43	994-05-8	
Benzene	**7010**	ug/kg	663	264	100	12/05/24 21:57	12/06/24 06:43	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	13300	4250	100	12/05/24 21:57	12/06/24 06:43	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	13300	4030	100	12/05/24 21:57	12/06/24 06:43	75-65-0	
tert-Butyl Formate	**6370J**	ug/kg	6630	1680	100	12/05/24 21:57	12/06/24 06:43	762-75-4	
1,2-Dichloroethane	ND	ug/kg	663	439	100	12/05/24 21:57	12/06/24 06:43	107-06-2	
Diisopropyl ether	ND	ug/kg	663	179	100	12/05/24 21:57	12/06/24 06:43	108-20-3	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-9 **Lab ID: 92766574006** Collected: 11/27/24 10:49 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Ethanol	ND	ug/kg	26500	25500	100	12/05/24 21:57	12/06/24 06:43	64-17-5	
Ethylbenzene	**166000**	ug/kg	663	309	100	12/05/24 21:57	12/06/24 06:43	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	1330	394	100	12/05/24 21:57	12/06/24 06:43	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	663	248	100	12/05/24 21:57	12/06/24 06:43	1634-04-4	
Naphthalene	**29700**	ug/kg	663	349	100	12/05/24 21:57	12/06/24 06:43	91-20-3	
Toluene	**481000**	ug/kg	663	458	100	12/05/24 21:57	12/06/24 06:43	108-88-3	
Xylene (Total)	**981000**	ug/kg	1330	378	100	12/05/24 21:57	12/06/24 06:43	1330-20-7	
m&p-Xylene	**686000**	ug/kg	1330	454	100	12/05/24 21:57	12/06/24 06:43	179601-23-1	
o-Xylene	**295000**	ug/kg	663	293	100	12/05/24 21:57	12/06/24 06:43	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		100	12/05/24 21:57	12/06/24 06:43	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		100	12/05/24 21:57	12/06/24 06:43	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-135		100	12/05/24 21:57	12/06/24 06:43	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**17.6**	%	0.10	0.10	1		12/03/24 14:38		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-10 **Lab ID: 92766574007** Collected: 11/27/24 11:05 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**18.4**	mg/kg	1.7	0.44	2	12/04/24 15:00	12/06/24 19:01	7439-92-1	
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	423	149	1	12/05/24 17:22	12/07/24 17:42	83-32-9	
Acenaphthylene	ND	ug/kg	423	149	1	12/05/24 17:22	12/07/24 17:42	208-96-8	
Anthracene	ND	ug/kg	423	138	1	12/05/24 17:22	12/07/24 17:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	423	141	1	12/05/24 17:22	12/07/24 17:42	56-55-3	
Benzo(a)pyrene	ND	ug/kg	423	146	1	12/05/24 17:22	12/07/24 17:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	423	141	1	12/05/24 17:22	12/07/24 17:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	423	164	1	12/05/24 17:22	12/07/24 17:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	423	149	1	12/05/24 17:22	12/07/24 17:42	207-08-9	
Chrysene	ND	ug/kg	423	154	1	12/05/24 17:22	12/07/24 17:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	423	163	1	12/05/24 17:22	12/07/24 17:42	53-70-3	
Fluoranthene	**155J**	ug/kg	423	145	1	12/05/24 17:22	12/07/24 17:42	206-44-0	
Fluorene	ND	ug/kg	423	149	1	12/05/24 17:22	12/07/24 17:42	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	423	166	1	12/05/24 17:22	12/07/24 17:42	193-39-5	
1-Methylnaphthalene	**2230**	ug/kg	423	149	1	12/05/24 17:22	12/07/24 17:42	90-12-0	
2-Methylnaphthalene	**3900**	ug/kg	423	169	1	12/05/24 17:22	12/07/24 17:42	91-57-6	
Naphthalene	**6140**	ug/kg	845	287	2	12/05/24 17:22	12/08/24 19:05	91-20-3	
Phenanthrene	ND	ug/kg	423	138	1	12/05/24 17:22	12/07/24 17:42	85-01-8	
Pyrene	ND	ug/kg	423	172	1	12/05/24 17:22	12/07/24 17:42	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	62	%	10-130		1	12/05/24 17:22	12/07/24 17:42	4165-60-0	
2-Fluorobiphenyl (S)	66	%	10-130		1	12/05/24 17:22	12/07/24 17:42	321-60-8	
Terphenyl-d14 (S)	88	%	10-130		1	12/05/24 17:22	12/07/24 17:42	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	4220	1240	25	12/05/24 21:57	12/06/24 04:39	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	422	128	25	12/05/24 21:57	12/06/24 04:39	994-05-8	
Benzene	**330**	ug/kg	211	84.1	25	12/05/24 21:57	12/06/24 04:39	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	4220	1350	25	12/05/24 21:57	12/06/24 04:39	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	4220	1280	25	12/05/24 21:57	12/06/24 04:39	75-65-0	
tert-Butyl Formate	ND	ug/kg	2110	536	25	12/05/24 21:57	12/06/24 04:39	762-75-4	
1,2-Dichloroethane	ND	ug/kg	211	140	25	12/05/24 21:57	12/06/24 04:39	107-06-2	
Diisopropyl ether	ND	ug/kg	211	57.0	25	12/05/24 21:57	12/06/24 04:39	108-20-3	
Ethanol	ND	ug/kg	8450	8110	25	12/05/24 21:57	12/06/24 04:39	64-17-5	
Ethylbenzene	**29400**	ug/kg	211	98.4	25	12/05/24 21:57	12/06/24 04:39	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	422	125	25	12/05/24 21:57	12/06/24 04:39	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	211	79.0	25	12/05/24 21:57	12/06/24 04:39	1634-04-4	
Naphthalene	**13000**	ug/kg	211	111	25	12/05/24 21:57	12/06/24 04:39	91-20-3	
Toluene	**30400**	ug/kg	211	146	25	12/05/24 21:57	12/06/24 04:39	108-88-3	
Xylene (Total)	**260000**	ug/kg	422	120	25	12/05/24 21:57	12/06/24 04:39	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-10 **Lab ID: 92766574007** Collected: 11/27/24 11:05 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**172000**	ug/kg	422	144	25	12/05/24 21:57	12/06/24 04:39	179601-23-1	
o-Xylene	**87200**	ug/kg	211	93.4	25	12/05/24 21:57	12/06/24 04:39	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		25	12/05/24 21:57	12/06/24 04:39	2037-26-5	D3
4-Bromofluorobenzene (S)	101	%	70-130		25	12/05/24 21:57	12/06/24 04:39	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-135		25	12/05/24 21:57	12/06/24 04:39	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**21.9**	%	0.10	0.10	1		12/03/24 14:38		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-11 **Lab ID: 92766574008** Collected: 11/27/24 09:44 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**2.6**	mg/kg	1.5	0.39	2	12/04/24 15:00	12/06/24 19:04	7439-92-1	B
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	388	136	1	12/05/24 17:22	12/07/24 18:10	83-32-9	
Acenaphthylene	ND	ug/kg	388	136	1	12/05/24 17:22	12/07/24 18:10	208-96-8	
Anthracene	ND	ug/kg	388	127	1	12/05/24 17:22	12/07/24 18:10	120-12-7	
Benzo(a)anthracene	ND	ug/kg	388	129	1	12/05/24 17:22	12/07/24 18:10	56-55-3	
Benzo(a)pyrene	ND	ug/kg	388	134	1	12/05/24 17:22	12/07/24 18:10	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	388	129	1	12/05/24 17:22	12/07/24 18:10	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	388	151	1	12/05/24 17:22	12/07/24 18:10	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	388	136	1	12/05/24 17:22	12/07/24 18:10	207-08-9	
Chrysene	ND	ug/kg	388	141	1	12/05/24 17:22	12/07/24 18:10	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	388	149	1	12/05/24 17:22	12/07/24 18:10	53-70-3	
Fluoranthene	ND	ug/kg	388	133	1	12/05/24 17:22	12/07/24 18:10	206-44-0	
Fluorene	ND	ug/kg	388	136	1	12/05/24 17:22	12/07/24 18:10	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	388	153	1	12/05/24 17:22	12/07/24 18:10	193-39-5	
1-Methylnaphthalene	**845**	ug/kg	388	136	1	12/05/24 17:22	12/07/24 18:10	90-12-0	
2-Methylnaphthalene	**1870**	ug/kg	388	155	1	12/05/24 17:22	12/07/24 18:10	91-57-6	
Naphthalene	**3690**	ug/kg	388	132	1	12/05/24 17:22	12/07/24 18:10	91-20-3	
Phenanthrene	ND	ug/kg	388	127	1	12/05/24 17:22	12/07/24 18:10	85-01-8	
Pyrene	ND	ug/kg	388	158	1	12/05/24 17:22	12/07/24 18:10	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	62	%	10-130		1	12/05/24 17:22	12/07/24 18:10	4165-60-0	
2-Fluorobiphenyl (S)	46	%	10-130		1	12/05/24 17:22	12/07/24 18:10	321-60-8	
Terphenyl-d14 (S)	40	%	10-130		1	12/05/24 17:22	12/07/24 18:10	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	7430	2180	50	12/04/24 19:51	12/05/24 05:41	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	743	225	50	12/04/24 19:51	12/05/24 05:41	994-05-8	
Benzene	**967**	ug/kg	372	148	50	12/04/24 19:51	12/05/24 05:41	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	7430	2380	50	12/04/24 19:51	12/05/24 05:41	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	7430	2260	50	12/04/24 19:51	12/05/24 05:41	75-65-0	
tert-Butyl Formate	ND	ug/kg	3720	944	50	12/04/24 19:51	12/05/24 05:41	762-75-4	
1,2-Dichloroethane	ND	ug/kg	372	246	50	12/04/24 19:51	12/05/24 05:41	107-06-2	
Diisopropyl ether	ND	ug/kg	372	100	50	12/04/24 19:51	12/05/24 05:41	108-20-3	
Ethanol	ND	ug/kg	14900	14300	50	12/04/24 19:51	12/05/24 05:41	64-17-5	
Ethylbenzene	**64700**	ug/kg	372	173	50	12/04/24 19:51	12/05/24 05:41	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	743	221	50	12/04/24 19:51	12/05/24 05:41	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	372	139	50	12/04/24 19:51	12/05/24 05:41	1634-04-4	
Naphthalene	**15400**	ug/kg	372	196	50	12/04/24 19:51	12/05/24 05:41	91-20-3	
Toluene	**25600**	ug/kg	372	256	50	12/04/24 19:51	12/05/24 05:41	108-88-3	
Xylene (Total)	**398000**	ug/kg	743	212	50	12/04/24 19:51	12/05/24 05:41	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-11 **Lab ID: 92766574008** Collected: 11/27/24 09:44 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**286000**	ug/kg	743	254	50	12/04/24 19:51	12/05/24 05:41	179601-23-1	
o-Xylene	**112000**	ug/kg	372	164	50	12/04/24 19:51	12/05/24 05:41	95-47-6	
Surrogates									
Toluene-d8 (S)	101	%	70-130		50	12/04/24 19:51	12/05/24 05:41	2037-26-5	D3
4-Bromofluorobenzene (S)	103	%	70-130		50	12/04/24 19:51	12/05/24 05:41	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-135		50	12/04/24 19:51	12/05/24 05:41	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**14.7**	%	0.10	0.10	1		12/03/24 14:38		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-12 **Lab ID: 92766574009** Collected: 11/27/24 08:55 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**7.4**	mg/kg	2.1	0.54	2	12/04/24 15:00	12/06/24 19:12	7439-92-1	
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	375	132	1	12/05/24 17:22	12/07/24 18:38	83-32-9	
Acenaphthylene	ND	ug/kg	375	132	1	12/05/24 17:22	12/07/24 18:38	208-96-8	
Anthracene	ND	ug/kg	375	123	1	12/05/24 17:22	12/07/24 18:38	120-12-7	
Benzo(a)anthracene	ND	ug/kg	375	125	1	12/05/24 17:22	12/07/24 18:38	56-55-3	
Benzo(a)pyrene	ND	ug/kg	375	129	1	12/05/24 17:22	12/07/24 18:38	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	375	125	1	12/05/24 17:22	12/07/24 18:38	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	375	145	1	12/05/24 17:22	12/07/24 18:38	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	375	132	1	12/05/24 17:22	12/07/24 18:38	207-08-9	
Chrysene	ND	ug/kg	375	136	1	12/05/24 17:22	12/07/24 18:38	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	375	144	1	12/05/24 17:22	12/07/24 18:38	53-70-3	
Fluoranthene	ND	ug/kg	375	128	1	12/05/24 17:22	12/07/24 18:38	206-44-0	
Fluorene	ND	ug/kg	375	132	1	12/05/24 17:22	12/07/24 18:38	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	375	148	1	12/05/24 17:22	12/07/24 18:38	193-39-5	
1-Methylnaphthalene	**953**	ug/kg	375	132	1	12/05/24 17:22	12/07/24 18:38	90-12-0	
2-Methylnaphthalene	**2030**	ug/kg	375	150	1	12/05/24 17:22	12/07/24 18:38	91-57-6	
Naphthalene	**3070**	ug/kg	375	127	1	12/05/24 17:22	12/07/24 18:38	91-20-3	
Phenanthrene	ND	ug/kg	375	123	1	12/05/24 17:22	12/07/24 18:38	85-01-8	
Pyrene	ND	ug/kg	375	152	1	12/05/24 17:22	12/07/24 18:38	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	61	%	10-130		1	12/05/24 17:22	12/07/24 18:38	4165-60-0	
2-Fluorobiphenyl (S)	62	%	10-130		1	12/05/24 17:22	12/07/24 18:38	321-60-8	
Terphenyl-d14 (S)	92	%	10-130		1	12/05/24 17:22	12/07/24 18:38	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	5470	1600	50	12/06/24 16:47	12/07/24 03:05	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	547	166	50	12/06/24 16:47	12/07/24 03:05	994-05-8	
Benzene	**529**	ug/kg	273	109	50	12/06/24 16:47	12/07/24 03:05	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	5470	1750	50	12/06/24 16:47	12/07/24 03:05	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	5470	1660	50	12/06/24 16:47	12/07/24 03:05	75-65-0	
tert-Butyl Formate	ND	ug/kg	2730	695	50	12/06/24 16:47	12/07/24 03:05	762-75-4	
1,2-Dichloroethane	ND	ug/kg	273	181	50	12/06/24 16:47	12/07/24 03:05	107-06-2	
Diisopropyl ether	ND	ug/kg	273	73.8	50	12/06/24 16:47	12/07/24 03:05	108-20-3	
Ethanol	ND	ug/kg	10900	10500	50	12/06/24 16:47	12/07/24 03:05	64-17-5	
Ethylbenzene	**72900**	ug/kg	273	127	50	12/06/24 16:47	12/07/24 03:05	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	547	162	50	12/06/24 16:47	12/07/24 03:05	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	273	102	50	12/06/24 16:47	12/07/24 03:05	1634-04-4	
Naphthalene	**17200**	ug/kg	273	144	50	12/06/24 16:47	12/07/24 03:05	91-20-3	
Toluene	**91300**	ug/kg	273	189	50	12/06/24 16:47	12/07/24 03:05	108-88-3	
Xylene (Total)	**408000**	ug/kg	547	156	50	12/06/24 16:47	12/07/24 03:05	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-12 **Lab ID: 92766574009** Collected: 11/27/24 08:55 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**299000**	ug/kg	547	187	50	12/06/24 16:47	12/07/24 03:05	179601-23-1	
o-Xylene	**109000**	ug/kg	273	121	50	12/06/24 16:47	12/07/24 03:05	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		50	12/06/24 16:47	12/07/24 03:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		50	12/06/24 16:47	12/07/24 03:05	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-135		50	12/06/24 16:47	12/07/24 03:05	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**11.9**	%	0.10	0.10	1		12/03/24 14:39		N2

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-13 **Lab ID: 92766574010** Collected: 11/27/24 11:23 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture	Analytical Method: ASTM D2974-87								
	Pace Analytical Services - Green Bay								
Percent Moisture	**16.1**	%	0.10	0.10	1		12/08/24 09:19		
Total Organic Carbon Quad	Analytical Method: EPA 9060								
	Pace Analytical Services - Green Bay								
Total Organic Carbon	**3990**	mg/kg	713	231	1		12/10/24 20:31	7440-44-0	
Total Organic Carbon	**3570**	mg/kg	714	231	1		12/10/24 20:37	7440-44-0	
Total Organic Carbon	**3780**	mg/kg	710	230	1		12/10/24 20:42	7440-44-0	
Total Organic Carbon	**4250**	mg/kg	712	230	1		12/10/24 20:47	7440-44-0	
Mean Total Organic Carbon	**3900**	mg/kg	713	230	1		12/10/24 20:31	7440-44-0	
Surrogates									
RSD%	**7.5**	%			1		12/10/24 20:31		

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-14 **Lab ID: 92766574011** Collected: 11/27/24 13:40 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Asheville								
Lead	**14.9**	mg/kg	1.7	0.44	2	12/04/24 15:00	12/06/24 19:15	7439-92-1	
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/kg	412	145	1	12/05/24 17:22	12/07/24 19:06	83-32-9	
Acenaphthylene	ND	ug/kg	412	145	1	12/05/24 17:22	12/07/24 19:06	208-96-8	
Anthracene	ND	ug/kg	412	135	1	12/05/24 17:22	12/07/24 19:06	120-12-7	
Benzo(a)anthracene	ND	ug/kg	412	137	1	12/05/24 17:22	12/07/24 19:06	56-55-3	
Benzo(a)pyrene	ND	ug/kg	412	142	1	12/05/24 17:22	12/07/24 19:06	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	412	137	1	12/05/24 17:22	12/07/24 19:06	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	412	160	1	12/05/24 17:22	12/07/24 19:06	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	412	145	1	12/05/24 17:22	12/07/24 19:06	207-08-9	
Chrysene	ND	ug/kg	412	150	1	12/05/24 17:22	12/07/24 19:06	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	412	158	1	12/05/24 17:22	12/07/24 19:06	53-70-3	
Fluoranthene	ND	ug/kg	412	141	1	12/05/24 17:22	12/07/24 19:06	206-44-0	
Fluorene	ND	ug/kg	412	145	1	12/05/24 17:22	12/07/24 19:06	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	412	162	1	12/05/24 17:22	12/07/24 19:06	193-39-5	
1-Methylnaphthalene	**1660**	ug/kg	412	145	1	12/05/24 17:22	12/07/24 19:06	90-12-0	
2-Methylnaphthalene	**2880**	ug/kg	412	165	1	12/05/24 17:22	12/07/24 19:06	91-57-6	
Naphthalene	**3930**	ug/kg	412	140	1	12/05/24 17:22	12/07/24 19:06	91-20-3	
Phenanthrene	ND	ug/kg	412	135	1	12/05/24 17:22	12/07/24 19:06	85-01-8	
Pyrene	ND	ug/kg	412	167	1	12/05/24 17:22	12/07/24 19:06	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	66	%	10-130		1	12/05/24 17:22	12/07/24 19:06	4165-60-0	
2-Fluorobiphenyl (S)	62	%	10-130		1	12/05/24 17:22	12/07/24 19:06	321-60-8	
Terphenyl-d14 (S)	102	%	10-130		1	12/05/24 17:22	12/07/24 19:06	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/kg	16500	4840	125	12/09/24 21:04	12/10/24 04:26	75-85-4	
tert-Amylmethyl ether	ND	ug/kg	1650	500	125	12/09/24 21:04	12/10/24 04:26	994-05-8	
Benzene	**36800**	ug/kg	826	329	125	12/09/24 21:04	12/10/24 04:26	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/kg	16500	5280	125	12/09/24 21:04	12/10/24 04:26	624-95-3	
tert-Butyl Alcohol	ND	ug/kg	16500	5020	125	12/09/24 21:04	12/10/24 04:26	75-65-0	v2
tert-Butyl Formate	ND	ug/kg	8260	2100	125	12/09/24 21:04	12/10/24 04:26	762-75-4	
1,2-Dichloroethane	ND	ug/kg	826	547	125	12/09/24 21:04	12/10/24 04:26	107-06-2	
Diisopropyl ether	ND	ug/kg	826	223	125	12/09/24 21:04	12/10/24 04:26	108-20-3	
Ethanol	ND	ug/kg	33000	31700	125	12/09/24 21:04	12/10/24 04:26	64-17-5	
Ethylbenzene	**123000**	ug/kg	826	385	125	12/09/24 21:04	12/10/24 04:26	100-41-4	
Ethyl-tert-butyl ether	ND	ug/kg	1650	490	125	12/09/24 21:04	12/10/24 04:26	637-92-3	
Methyl-tert-butyl ether	ND	ug/kg	826	309	125	12/09/24 21:04	12/10/24 04:26	1634-04-4	
Naphthalene	**28400**	ug/kg	826	434	125	12/09/24 21:04	12/10/24 04:26	91-20-3	
Toluene	**630000**	ug/kg	826	570	125	12/09/24 21:04	12/10/24 04:26	108-88-3	
Xylene (Total)	**1030000**	ug/kg	1650	471	125	12/09/24 21:04	12/10/24 04:26	1330-20-7	

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ANALYTICAL RESULTS

Project: One Stop Marina
Pace Project No.: 92766574

Sample: S-14 **Lab ID: 92766574011** Collected: 11/27/24 13:40 Received: 12/02/24 09:25 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
m&p-Xylene	**714000**	ug/kg	1650	565	125	12/09/24 21:04	12/10/24 04:26	179601-23-1	
o-Xylene	**313000**	ug/kg	826	365	125	12/09/24 21:04	12/10/24 04:26	95-47-6	
Surrogates									
Toluene-d8 (S)	100	%	70-130		125	12/09/24 21:04	12/10/24 04:26	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130		125	12/09/24 21:04	12/10/24 04:26	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-135		125	12/09/24 21:04	12/10/24 04:26	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**20.4**	%	0.10	0.10	1		12/03/24 14:39		N2

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 900165
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92766574001, 92766574002, 92766574003, 92766574004, 92766574005, 92766574006, 92766574007, 92766574008, 92766574009, 92766574011

METHOD BLANK: 4633294 Matrix: Solid
Associated Lab Samples: 92766574001, 92766574002, 92766574003, 92766574004, 92766574005, 92766574006, 92766574007, 92766574008, 92766574009, 92766574011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	mg/kg	ND	1.0	0.26	12/06/24 17:36	

LABORATORY CONTROL SAMPLE: 4633295

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	51.0	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4633296 4633297

Parameter	Units	92766468003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	84.8	69.7	69.7	81.3	84.8	-5	0	75-125	4	20	M1

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 900308
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92766574001, 92766574008

METHOD BLANK: 4634371 Matrix: Solid
Associated Lab Samples: 92766574001, 92766574008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	12/04/24 21:27	
3,3-Dimethyl-1-Butanol	ug/kg	ND	100	32.0	12/04/24 21:27	
Benzene	ug/kg	ND	5.0	2.0	12/04/24 21:27	
Diisopropyl ether	ug/kg	ND	5.0	1.4	12/04/24 21:27	
Ethanol	ug/kg	ND	200	192	12/04/24 21:27	
Ethyl-tert-butyl ether	ug/kg	ND	10.0	3.0	12/04/24 21:27	
Ethylbenzene	ug/kg	ND	5.0	2.3	12/04/24 21:27	
m&p-Xylene	ug/kg	ND	10.0	3.4	12/04/24 21:27	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	12/04/24 21:27	
Naphthalene	ug/kg	ND	5.0	2.6	12/04/24 21:27	
o-Xylene	ug/kg	ND	5.0	2.2	12/04/24 21:27	
tert-Amyl Alcohol	ug/kg	ND	100	29.3	12/04/24 21:27	
tert-Amylmethyl ether	ug/kg	ND	10.0	3.0	12/04/24 21:27	
tert-Butyl Alcohol	ug/kg	ND	100	30.4	12/04/24 21:27	
tert-Butyl Formate	ug/kg	ND	50.0	12.7	12/04/24 21:27	
Toluene	ug/kg	ND	5.0	3.4	12/04/24 21:27	
Xylene (Total)	ug/kg	ND	10.0	2.8	12/04/24 21:27	
1,2-Dichloroethane-d4 (S)	%	105	70-135		12/04/24 21:27	
4-Bromofluorobenzene (S)	%	100	70-130		12/04/24 21:27	
Toluene-d8 (S)	%	101	70-130		12/04/24 21:27	

LABORATORY CONTROL SAMPLE: 4634372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	500	502	100	68-130	
3,3-Dimethyl-1-Butanol	ug/kg	10000	10900	109	64-134	
Benzene	ug/kg	500	512	102	70-130	
Diisopropyl ether	ug/kg	500	513	103	64-130	
Ethanol	ug/kg	20000	20600	103	68-139	
Ethyl-tert-butyl ether	ug/kg	1000	1030	103	70-130	
Ethylbenzene	ug/kg	500	471	94	69-130	
m&p-Xylene	ug/kg	1000	1010	101	70-130	
Methyl-tert-butyl ether	ug/kg	500	485	97	66-130	
Naphthalene	ug/kg	500	518	104	70-130	
o-Xylene	ug/kg	500	500	100	70-130	
tert-Amyl Alcohol	ug/kg	10000	10800	108	68-134	
tert-Amylmethyl ether	ug/kg	1000	991	99	43-151	
tert-Butyl Alcohol	ug/kg	5000	4550	91	54-130	
tert-Butyl Formate	ug/kg	4000	4240	106	70-140	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

LABORATORY CONTROL SAMPLE: 4634372

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/kg	500	491	98	70-130	
Xylene (Total)	ug/kg	1500	1510	101	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-135	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 4634373

Parameter	Units	92767212001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	ND	650	545	84	10-171	
3,3-Dimethyl-1-Butanol	ug/kg	ND	12900	11400	87	70-130	
Benzene	ug/kg	5.1J	650	614	94	10-175	
Diisopropyl ether	ug/kg	ND	650	582	90	10-169	
Ethanol	ug/kg	ND	26000	ND	0	10-130	M1
Ethyl-tert-butyl ether	ug/kg	ND	1290	1130	87	10-159	
Ethylbenzene	ug/kg	ND	650	563	87	10-169	
m&p-Xylene	ug/kg	263	1290	1420	89	10-174	
Methyl-tert-butyl ether	ug/kg	ND	650	515	79	10-157	
Naphthalene	ug/kg	180	650	718	83	10-155	
o-Xylene	ug/kg	24.4	650	587	87	10-175	
tert-Amyl Alcohol	ug/kg	ND	12900	9650	74	10-158	
tert-Amylmethyl ether	ug/kg	ND	1290	1070	82	29-156	
tert-Butyl Alcohol	ug/kg	ND	6500	2210	34	10-130	
tert-Butyl Formate	ug/kg	ND	5200	4140	80	18-166	
Toluene	ug/kg	21.6	650	587	87	10-173	
Xylene (Total)	ug/kg	287	1950	2010	88	10-174	
1,2-Dichloroethane-d4 (S)	%				98	70-135	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 4634374

Parameter	Units	92767212002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/kg	ND	ND		30	
3,3-Dimethyl-1-Butanol	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethanol	ug/kg	ND	ND		30	
Ethyl-tert-butyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	5.0J	5.2J		30	
m&p-Xylene	ug/kg	16.5	17.1	4	30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Naphthalene	ug/kg	6.2J	5.5J		30	
o-Xylene	ug/kg	6.8	6.9	2	30	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

SAMPLE DUPLICATE: 4634374

Parameter	Units	92767212002 Result	Dup Result	RPD	Max RPD	Qualifiers
tert-Amyl Alcohol	ug/kg	ND	ND		30	
tert-Amylmethyl ether	ug/kg	ND	ND		30	
tert-Butyl Alcohol	ug/kg	ND	ND		30	
tert-Butyl Formate	ug/kg	ND	ND		30	
Toluene	ug/kg	8.6	8.6	1	30	
Xylene (Total)	ug/kg	23.3	24.0	3	30	
1,2-Dichloroethane-d4 (S)	%	99	104			
4-Bromofluorobenzene (S)	%	102	101			
Toluene-d8 (S)	%	103	102			

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 900676 | Analysis Method: EPA 8260D
QC Batch Method: EPA 5035A/5030B | Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92766574002, 92766574003, 92766574004, 92766574005, 92766574006, 92766574007

METHOD BLANK: 4636299 Matrix: Solid
Associated Lab Samples: 92766574002, 92766574003, 92766574004, 92766574005, 92766574006, 92766574007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	12/06/24 00:15	
3,3-Dimethyl-1-Butanol	ug/kg	ND	100	32.0	12/06/24 00:15	
Benzene	ug/kg	ND	5.0	2.0	12/06/24 00:15	
Diisopropyl ether	ug/kg	ND	5.0	1.4	12/06/24 00:15	
Ethanol	ug/kg	ND	200	192	12/06/24 00:15	
Ethyl-tert-butyl ether	ug/kg	ND	10.0	3.0	12/06/24 00:15	
Ethylbenzene	ug/kg	ND	5.0	2.3	12/06/24 00:15	
m&p-Xylene	ug/kg	ND	10.0	3.4	12/06/24 00:15	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	12/06/24 00:15	
Naphthalene	ug/kg	ND	5.0	2.6	12/06/24 00:15	
o-Xylene	ug/kg	ND	5.0	2.2	12/06/24 00:15	
tert-Amyl Alcohol	ug/kg	ND	100	29.3	12/06/24 00:15	
tert-Amylmethyl ether	ug/kg	ND	10.0	3.0	12/06/24 00:15	
tert-Butyl Alcohol	ug/kg	ND	100	30.4	12/06/24 00:15	
tert-Butyl Formate	ug/kg	ND	50.0	12.7	12/06/24 00:15	
Toluene	ug/kg	ND	5.0	3.4	12/06/24 00:15	
Xylene (Total)	ug/kg	ND	10.0	2.8	12/06/24 00:15	
1,2-Dichloroethane-d4 (S)	%	104	70-135		12/06/24 00:15	
4-Bromofluorobenzene (S)	%	103	70-130		12/06/24 00:15	
Toluene-d8 (S)	%	100	70-130		12/06/24 00:15	

LABORATORY CONTROL SAMPLE: 4636300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	500	488	98	68-130	
3,3-Dimethyl-1-Butanol	ug/kg	10000	10700	107	64-134	
Benzene	ug/kg	500	524	105	70-130	
Diisopropyl ether	ug/kg	500	517	103	64-130	
Ethanol	ug/kg	20000	20500	102	68-139	
Ethyl-tert-butyl ether	ug/kg	1000	1020	102	70-130	
Ethylbenzene	ug/kg	500	475	95	69-130	
m&p-Xylene	ug/kg	1000	1030	103	70-130	
Methyl-tert-butyl ether	ug/kg	500	480	96	66-130	
Naphthalene	ug/kg	500	521	104	70-130	
o-Xylene	ug/kg	500	503	101	70-130	
tert-Amyl Alcohol	ug/kg	10000	10400	104	68-134	
tert-Amylmethyl ether	ug/kg	1000	1000	100	43-151	
tert-Butyl Alcohol	ug/kg	5000	4500	90	54-130	
tert-Butyl Formate	ug/kg	4000	4130	103	70-140	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

LABORATORY CONTROL SAMPLE: 4636300

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/kg	500	501	100	70-130	
Xylene (Total)	ug/kg	1500	1540	102	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-135	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 4636301

Parameter	Units	92766867001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	ND	1690	1150	68	10-171	
3,3-Dimethyl-1-Butanol	ug/kg	ND	33900	21800	65	70-130	M1
Benzene	ug/kg	ND	1690	1310	77	10-175	
Diisopropyl ether	ug/kg	ND	1690	1220	72	10-169	
Ethanol	ug/kg	ND	67700	ND	0	10-130	M1
Ethyl-tert-butyl ether	ug/kg	ND	3390	2380	70	10-159	
Ethylbenzene	ug/kg	ND	1690	1140	67	10-169	
m&p-Xylene	ug/kg	ND	3390	2450	72	10-174	
Methyl-tert-butyl ether	ug/kg	ND	1690	1100	65	10-157	
Naphthalene	ug/kg	ND	1690	1110	65	10-155	
o-Xylene	ug/kg	ND	1690	1220	72	10-175	
tert-Amyl Alcohol	ug/kg	ND	33900	12800	38	10-158	
tert-Amylmethyl ether	ug/kg	ND	3390	2260	67	29-156	
tert-Butyl Alcohol	ug/kg	ND	16900	4510	27	10-130	
tert-Butyl Formate	ug/kg	ND	13600	8750	65	18-166	
Toluene	ug/kg	ND	1690	1220	71	10-173	
Xylene (Total)	ug/kg	ND	5070	3670	72	10-174	
1,2-Dichloroethane-d4 (S)	%				100	70-135	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 4636302

Parameter	Units	92766867003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/kg	ND	ND		30	
3,3-Dimethyl-1-Butanol	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethanol	ug/kg	ND	ND		30	
Ethyl-tert-butyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	16.2J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Naphthalene	ug/kg	17.0	15.0	12	30	
o-Xylene	ug/kg	ND	8.1J		30	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

SAMPLE DUPLICATE: 4636302

Parameter	Units	92766867003 Result	Dup Result	RPD	Max RPD	Qualifiers
tert-Amyl Alcohol	ug/kg	ND	ND		30	
tert-Amylmethyl ether	ug/kg	ND	ND		30	
tert-Butyl Alcohol	ug/kg	ND	ND		30	
tert-Butyl Formate	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	12.7		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	101	102			
4-Bromofluorobenzene (S)	%	100	102			
Toluene-d8 (S)	%	101	102			

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 900938
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92766574009

METHOD BLANK: 4637688 Matrix: Solid
Associated Lab Samples: 92766574009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	12/06/24 18:51	
3,3-Dimethyl-1-Butanol	ug/kg	ND	100	32.0	12/06/24 18:51	
Benzene	ug/kg	ND	5.0	2.0	12/06/24 18:51	
Diisopropyl ether	ug/kg	ND	5.0	1.4	12/06/24 18:51	
Ethanol	ug/kg	ND	200	192	12/06/24 18:51	
Ethyl-tert-butyl ether	ug/kg	ND	10.0	3.0	12/06/24 18:51	
Ethylbenzene	ug/kg	ND	5.0	2.3	12/06/24 18:51	
m&p-Xylene	ug/kg	ND	10.0	3.4	12/06/24 18:51	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	12/06/24 18:51	
Naphthalene	ug/kg	ND	5.0	2.6	12/06/24 18:51	
o-Xylene	ug/kg	ND	5.0	2.2	12/06/24 18:51	
tert-Amyl Alcohol	ug/kg	ND	100	29.3	12/06/24 18:51	
tert-Amylmethyl ether	ug/kg	ND	10.0	3.0	12/06/24 18:51	
tert-Butyl Alcohol	ug/kg	ND	100	30.4	12/06/24 18:51	
tert-Butyl Formate	ug/kg	ND	50.0	12.7	12/06/24 18:51	
Toluene	ug/kg	ND	5.0	3.4	12/06/24 18:51	
Xylene (Total)	ug/kg	ND	10.0	2.8	12/06/24 18:51	
1,2-Dichloroethane-d4 (S)	%	101	70-135		12/06/24 18:51	
4-Bromofluorobenzene (S)	%	99	70-130		12/06/24 18:51	
Toluene-d8 (S)	%	99	70-130		12/06/24 18:51	

LABORATORY CONTROL SAMPLE: 4637689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	500	489	98	68-130	
3,3-Dimethyl-1-Butanol	ug/kg	10000	10100	101	64-134	
Benzene	ug/kg	500	520	104	70-130	
Diisopropyl ether	ug/kg	500	502	100	64-130	
Ethanol	ug/kg	20000	19600	98	68-139	
Ethyl-tert-butyl ether	ug/kg	1000	981	98	70-130	
Ethylbenzene	ug/kg	500	472	94	69-130	
m&p-Xylene	ug/kg	1000	1010	101	70-130	
Methyl-tert-butyl ether	ug/kg	500	466	93	66-130	
Naphthalene	ug/kg	500	517	103	70-130	
o-Xylene	ug/kg	500	503	101	70-130	
tert-Amyl Alcohol	ug/kg	10000	9730	97	68-134	
tert-Amylmethyl ether	ug/kg	1000	955	95	43-151	
tert-Butyl Alcohol	ug/kg	5000	4130	83	54-130	
tert-Butyl Formate	ug/kg	4000	3470	87	70-140	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

LABORATORY CONTROL SAMPLE: 4637689

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/kg	500	496	99	70-130	
Xylene (Total)	ug/kg	1500	1510	101	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-135	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 4637690

Parameter	Units	92766867007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	ND	1100	886	81	10-171	
3,3-Dimethyl-1-Butanol	ug/kg	ND	22000	7420	34	70-130	M1
Benzene	ug/kg	ND	1100	1000	91	10-175	
Diisopropyl ether	ug/kg	ND	1100	914	83	10-169	
Ethanol	ug/kg	ND	43800	ND	0	10-130	M1
Ethyl-tert-butyl ether	ug/kg	ND	2200	1790	81	10-159	
Ethylbenzene	ug/kg	ND	1100	888	80	10-169	
m&p-Xylene	ug/kg	23.6	2200	1910	86	10-174	
Methyl-tert-butyl ether	ug/kg	ND	1100	831	76	10-157	
Naphthalene	ug/kg	30.1	1100	769	67	10-155	
o-Xylene	ug/kg	13.9	1100	962	87	10-175	
tert-Amyl Alcohol	ug/kg	ND	22000	9120	42	10-158	
tert-Amylmethyl ether	ug/kg	ND	2200	1740	79	29-156	
tert-Butyl Alcohol	ug/kg	ND	11000	2920	27	10-130	
tert-Butyl Formate	ug/kg	ND	8760	6170	70	18-166	
Toluene	ug/kg	13.7	1100	945	85	10-173	
Xylene (Total)	ug/kg	37.5	3290	2870	86	10-174	
1,2-Dichloroethane-d4 (S)	%				94	70-135	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 4637691

Parameter	Units	92767134001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/kg	ND	ND		30	
3,3-Dimethyl-1-Butanol	ug/kg	ND	ND		30	
Benzene	ug/kg	334	302	10	30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethanol	ug/kg	ND	ND		30	
Ethyl-tert-butyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	85.2	79.4	7	30	
m&p-Xylene	ug/kg	ND	9.5J		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Naphthalene	ug/kg	122	123	1	30	
o-Xylene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

SAMPLE DUPLICATE: 4637691

Parameter	Units	92767134001 Result	Dup Result	RPD	Max RPD	Qualifiers
tert-Amyl Alcohol	ug/kg	ND	ND		30	
tert-Amylmethyl ether	ug/kg	ND	ND		30	
tert-Butyl Alcohol	ug/kg	ND	ND		30	
tert-Butyl Formate	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	100	101			
4-Bromofluorobenzene (S)	%	98	100			
Toluene-d8 (S)	%	99	100			

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 901460
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92766574011

METHOD BLANK: 4639775 Matrix: Solid
Associated Lab Samples: 92766574011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/kg	ND	5.0	3.3	12/09/24 21:58	
3,3-Dimethyl-1-Butanol	ug/kg	ND	100	32.0	12/09/24 21:58	
Benzene	ug/kg	ND	5.0	2.0	12/09/24 21:58	
Diisopropyl ether	ug/kg	ND	5.0	1.4	12/09/24 21:58	
Ethanol	ug/kg	ND	200	192	12/09/24 21:58	
Ethyl-tert-butyl ether	ug/kg	ND	10.0	3.0	12/09/24 21:58	
Ethylbenzene	ug/kg	ND	5.0	2.3	12/09/24 21:58	
m&p-Xylene	ug/kg	ND	10.0	3.4	12/09/24 21:58	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	12/09/24 21:58	
Naphthalene	ug/kg	ND	5.0	2.6	12/09/24 21:58	
o-Xylene	ug/kg	ND	5.0	2.2	12/09/24 21:58	
tert-Amyl Alcohol	ug/kg	ND	100	29.3	12/09/24 21:58	
tert-Amylmethyl ether	ug/kg	ND	10.0	3.0	12/09/24 21:58	
tert-Butyl Alcohol	ug/kg	ND	100	30.4	12/09/24 21:58	v2
tert-Butyl Formate	ug/kg	ND	50.0	12.7	12/09/24 21:58	
Toluene	ug/kg	ND	5.0	3.4	12/09/24 21:58	
Xylene (Total)	ug/kg	ND	10.0	2.8	12/09/24 21:58	
1,2-Dichloroethane-d4 (S)	%	106	70-135		12/09/24 21:58	
4-Bromofluorobenzene (S)	%	100	70-130		12/09/24 21:58	
Toluene-d8 (S)	%	101	70-130		12/09/24 21:58	

LABORATORY CONTROL SAMPLE: 4639776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	500	492	98	68-130	
3,3-Dimethyl-1-Butanol	ug/kg	10000	8550	86	64-134	
Benzene	ug/kg	500	531	106	70-130	
Diisopropyl ether	ug/kg	500	526	105	64-130	
Ethanol	ug/kg	20000	18000	90	68-139	
Ethyl-tert-butyl ether	ug/kg	1000	1020	102	70-130	
Ethylbenzene	ug/kg	500	476	95	69-130	
m&p-Xylene	ug/kg	1000	1020	102	70-130	
Methyl-tert-butyl ether	ug/kg	500	463	93	66-130	
Naphthalene	ug/kg	500	479	96	70-130	
o-Xylene	ug/kg	500	505	101	70-130	
tert-Amyl Alcohol	ug/kg	10000	8680	87	68-134	
tert-Amylmethyl ether	ug/kg	1000	967	97	43-151	
tert-Butyl Alcohol	ug/kg	5000	3800	76	54-130	v3
tert-Butyl Formate	ug/kg	4000	3830	96	70-140	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

LABORATORY CONTROL SAMPLE: 4639776

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/kg	500	502	100	70-130	
Xylene (Total)	ug/kg	1500	1530	102	70-130	
1,2-Dichloroethane-d4 (S)	%			99	70-135	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 4639777

Parameter	Units	92767056001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/kg	ND	566	178	31	10-171	
3,3-Dimethyl-1-Butanol	ug/kg	ND	11300	2610	23	70-130	M1
Benzene	ug/kg	16.3	566	219	36	10-175	
Diisopropyl ether	ug/kg	ND	566	185	33	10-169	
Ethanol	ug/kg	ND	22700	4320	19	10-130	
Ethyl-tert-butyl ether	ug/kg	ND	1130	353	31	10-159	
Ethylbenzene	ug/kg	ND	566	177	31	10-169	
m&p-Xylene	ug/kg	18.9	1130	388	33	10-174	
Methyl-tert-butyl ether	ug/kg	ND	566	152	27	10-157	
Naphthalene	ug/kg	3.8J	566	172	30	10-155	
o-Xylene	ug/kg	4.4J	566	187	32	10-175	
tert-Amyl Alcohol	ug/kg	ND	11300	1760	16	10-158	
tert-Amylmethyl ether	ug/kg	ND	1130	326	29	29-156	
tert-Butyl Alcohol	ug/kg	ND	5660	1330	23	10-130	v3
tert-Butyl Formate	ug/kg	47.7J	4530	1220	26	18-166	
Toluene	ug/kg	17.3	566	204	33	10-173	
Xylene (Total)	ug/kg	23.3	1700	575	32	10-174	
1,2-Dichloroethane-d4 (S)	%				98	70-135	
4-Bromofluorobenzene (S)	%				103	70-130	
Toluene-d8 (S)	%				102	70-130	

SAMPLE DUPLICATE: 4639778

Parameter	Units	92767056002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/kg	ND	ND		30	
3,3-Dimethyl-1-Butanol	ug/kg	ND	ND		30	
Benzene	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethanol	ug/kg	ND	ND		30	
Ethyl-tert-butyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

SAMPLE DUPLICATE: 4639778

Parameter	Units	92767056002 Result	Dup Result	RPD	Max RPD	Qualifiers
tert-Amyl Alcohol	ug/kg	ND	ND		30	
tert-Amylmethyl ether	ug/kg	ND	ND		30	
tert-Butyl Alcohol	ug/kg	ND	ND		30	v2
tert-Butyl Formate	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	102	102			
4-Bromofluorobenzene (S)	%	101	100			
Toluene-d8 (S)	%	102	102			

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(704)875-9092

QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 900454
QC Batch Method: EPA 3546
Analysis Method: EPA 8015C
Analysis Description: 8015 Solid GCSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92766574006

METHOD BLANK: 4634764 Matrix: Solid
Associated Lab Samples: 92766574006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	ND	5.1	3.6	12/06/24 11:17	
n-Pentacosane (S)	%	47	10-152		12/06/24 11:17	

LABORATORY CONTROL SAMPLE: 4634765

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	67.1	44.7	67	44-130	
n-Pentacosane (S)	%			68	10-152	

MATRIX SPIKE SAMPLE: 4634766

Parameter	Units	92766574006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	86.8	82.3	100	16	10-150	
n-Pentacosane (S)	%				63	10-152	

SAMPLE DUPLICATE: 4634767

Parameter	Units	92766782001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	24.0	24.1	0	30	
n-Pentacosane (S)	%	66	60			

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 900602
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave PAH
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92766574001, 92766574002, 92766574003, 92766574004, 92766574005, 92766574006, 92766574007, 92766574008, 92766574009, 92766574011

METHOD BLANK: 4635862 Matrix: Solid
Associated Lab Samples: 92766574001, 92766574002, 92766574003, 92766574004, 92766574005, 92766574006, 92766574007, 92766574008, 92766574009, 92766574011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	ND	330	116	12/07/24 13:27	
2-Methylnaphthalene	ug/kg	ND	330	132	12/07/24 13:27	
Acenaphthene	ug/kg	ND	330	116	12/07/24 13:27	
Acenaphthylene	ug/kg	ND	330	116	12/07/24 13:27	
Anthracene	ug/kg	ND	330	108	12/07/24 13:27	
Benzo(a)anthracene	ug/kg	ND	330	110	12/07/24 13:27	
Benzo(a)pyrene	ug/kg	ND	330	114	12/07/24 13:27	
Benzo(b)fluoranthene	ug/kg	ND	330	110	12/07/24 13:27	
Benzo(g,h,i)perylene	ug/kg	ND	330	128	12/07/24 13:27	
Benzo(k)fluoranthene	ug/kg	ND	330	116	12/07/24 13:27	
Chrysene	ug/kg	ND	330	120	12/07/24 13:27	
Dibenz(a,h)anthracene	ug/kg	ND	330	127	12/07/24 13:27	
Fluoranthene	ug/kg	ND	330	113	12/07/24 13:27	
Fluorene	ug/kg	ND	330	116	12/07/24 13:27	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	130	12/07/24 13:27	
Naphthalene	ug/kg	ND	330	112	12/07/24 13:27	
Phenanthrene	ug/kg	ND	330	108	12/07/24 13:27	
Pyrene	ug/kg	ND	330	134	12/07/24 13:27	
2-Fluorobiphenyl (S)	%	68	10-130		12/07/24 13:27	
Nitrobenzene-d5 (S)	%	69	10-130		12/07/24 13:27	
Terphenyl-d14 (S)	%	94	10-130		12/07/24 13:27	

LABORATORY CONTROL SAMPLE: 4635863

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1670	1230	74	46-130	
2-Methylnaphthalene	ug/kg	1670	1220	73	45-130	
Acenaphthene	ug/kg	1670	1290	77	47-130	
Acenaphthylene	ug/kg	1670	1330	80	50-130	
Anthracene	ug/kg	1670	1340	81	46-130	
Benzo(a)anthracene	ug/kg	1670	1530	92	49-130	
Benzo(a)pyrene	ug/kg	1670	1750	105	45-130	
Benzo(b)fluoranthene	ug/kg	1670	1750	105	45-130	
Benzo(g,h,i)perylene	ug/kg	1670	1610	97	44-130	
Benzo(k)fluoranthene	ug/kg	1670	1810	109	46-130	
Chrysene	ug/kg	1670	1530	92	50-130	
Dibenz(a,h)anthracene	ug/kg	1670	1600	96	46-130	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

LABORATORY CONTROL SAMPLE: 4635863

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluoranthene	ug/kg	1670	1300	78	49-130	
Fluorene	ug/kg	1670	1280	77	47-130	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1520	91	44-130	
Naphthalene	ug/kg	1670	1210	73	43-130	
Phenanthrene	ug/kg	1670	1340	80	50-130	
Pyrene	ug/kg	1670	1690	101	51-130	
2-Fluorobiphenyl (S)	%			69	10-130	
Nitrobenzene-d5 (S)	%			65	10-130	
Terphenyl-d14 (S)	%			95	10-130	

MATRIX SPIKE SAMPLE: 4635864

Parameter	Units	92766574011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	1660	2110	2950	61	27-130	
2-Methylnaphthalene	ug/kg	2880	2110	4090	57	26-130	
Acenaphthene	ug/kg	ND	2110	1340	64	29-130	
Acenaphthylene	ug/kg	ND	2110	1370	65	27-130	
Anthracene	ug/kg	ND	2110	1460	69	26-130	
Benzo(a)anthracene	ug/kg	ND	2110	1590	75	31-130	
Benzo(a)pyrene	ug/kg	ND	2110	1750	83	24-130	
Benzo(b)fluoranthene	ug/kg	ND	2110	1730	82	12-137	
Benzo(g,h,i)perylene	ug/kg	ND	2110	1810	86	16-130	
Benzo(k)fluoranthene	ug/kg	ND	2110	1790	85	27-130	
Chrysene	ug/kg	ND	2110	1570	75	29-130	
Dibenz(a,h)anthracene	ug/kg	ND	2110	1830	87	27-130	
Fluoranthene	ug/kg	ND	2110	1300	62	26-130	
Fluorene	ug/kg	ND	2110	1380	65	27-130	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2110	1730	82	16-130	
Naphthalene	ug/kg	3930	2110	5010	51	24-130	
Phenanthrene	ug/kg	ND	2110	1450	69	28-130	
Pyrene	ug/kg	ND	2110	1930	92	27-130	
2-Fluorobiphenyl (S)	%				52	10-130	
Nitrobenzene-d5 (S)	%				53	10-130	
Terphenyl-d14 (S)	%				89	10-130	

SAMPLE DUPLICATE: 4635865

Parameter	Units	92766865001 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/kg	ND	ND		30	
2-Methylnaphthalene	ug/kg	ND	ND		30	
Acenaphthene	ug/kg	ND	ND		30	
Acenaphthylene	ug/kg	ND	ND		30	
Anthracene	ug/kg	ND	ND		30	
Benzo(a)anthracene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

SAMPLE DUPLICATE: 4635865

Parameter	Units	92766865001 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)pyrene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(g,h,i)perylene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
Fluoranthene	ug/kg	ND	ND		30	
Fluorene	ug/kg	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
Phenanthrene	ug/kg	ND	ND		30	
Pyrene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	53	44			
Nitrobenzene-d5 (S)	%	46	39			
Terphenyl-d14 (S)	%	67	49			

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 899813
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92766574001, 92766574002

SAMPLE DUPLICATE: 4631823

Parameter	Units	92765549001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	79.9	80.1	0	25	N2

SAMPLE DUPLICATE: 4631824

Parameter	Units	92766570001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	79.3	78.9	0	25	N2

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 899836
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92766574003, 92766574004, 92766574005, 92766574006, 92766574007, 92766574008, 92766574009, 92766574011

SAMPLE DUPLICATE: 4631928

Parameter	Units	92766428001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.0	17.8	1	25	N2

SAMPLE DUPLICATE: 4631929

Parameter	Units	92766428010 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	11.4	11.9	5	25	N2

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 492019
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 92766574010

SAMPLE DUPLICATE: 2816885

Parameter	Units	40288475001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.6	6.5	1	10	

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QUALITY CONTROL DATA

Project: One Stop Marina
Pace Project No.: 92766574

QC Batch: 492304
QC Batch Method: EPA 9060
Analysis Method: EPA 9060
Analysis Description: 9060 TOC Average
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 92766574010

METHOD BLANK: 2818134 Matrix: Solid
Associated Lab Samples: 92766574010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mean Total Organic Carbon	mg/kg	ND	600	194	12/10/24 19:49	

LABORATORY CONTROL SAMPLE: 2818135

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mean Total Organic Carbon	mg/kg	120000	126000	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2818136 2818137

Parameter	Units	92766574010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mean Total Organic Carbon	mg/kg	3900	7130	7100	11300	11900	104	112	49-150	5	20	

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QUALIFIERS

Project: One Stop Marina
Pace Project No.: 92766574

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: One Stop Marina
Pace Project No.: 92766574

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92766574006	**S-9**	EPA 3546	900454	EPA 8015C	900815
92766574001	**S-4**	EPA 3050B	900165	EPA 6010D	900310
92766574002	**S-5**	EPA 3050B	900165	EPA 6010D	900310
92766574003	**S-6**	EPA 3050B	900165	EPA 6010D	900310
92766574004	**S-7**	EPA 3050B	900165	EPA 6010D	900310
92766574005	**S-8**	EPA 3050B	900165	EPA 6010D	900310
92766574006	**S-9**	EPA 3050B	900165	EPA 6010D	900310
92766574007	**S-10**	EPA 3050B	900165	EPA 6010D	900310
92766574008	**S-11**	EPA 3050B	900165	EPA 6010D	900310
92766574009	**S-12**	EPA 3050B	900165	EPA 6010D	900310
92766574011	**S-14**	EPA 3050B	900165	EPA 6010D	900310
92766574001	**S-4**	EPA 3546	900602	EPA 8270E	901039
92766574002	**S-5**	EPA 3546	900602	EPA 8270E	901039
92766574003	**S-6**	EPA 3546	900602	EPA 8270E	901039
92766574004	**S-7**	EPA 3546	900602	EPA 8270E	901039
92766574005	**S-8**	EPA 3546	900602	EPA 8270E	901039
92766574006	**S-9**	EPA 3546	900602	EPA 8270E	901039
92766574007	**S-10**	EPA 3546	900602	EPA 8270E	901039
92766574008	**S-11**	EPA 3546	900602	EPA 8270E	901039
92766574009	**S-12**	EPA 3546	900602	EPA 8270E	901039
92766574011	**S-14**	EPA 3546	900602	EPA 8270E	901039
92766574001	**S-4**	EPA 5035A/5030B	900308	EPA 8260D	900358
92766574002	**S-5**	EPA 5035A/5030B	900676	EPA 8260D	900857
92766574003	**S-6**	EPA 5035A/5030B	900676	EPA 8260D	900857
92766574004	**S-7**	EPA 5035A/5030B	900676	EPA 8260D	900857
92766574005	**S-8**	EPA 5035A/5030B	900676	EPA 8260D	900857
92766574006	**S-9**	EPA 5035A/5030B	900676	EPA 8260D	900857
92766574007	**S-10**	EPA 5035A/5030B	900676	EPA 8260D	900857
92766574008	**S-11**	EPA 5035A/5030B	900308	EPA 8260D	900358
92766574009	**S-12**	EPA 5035A/5030B	900938	EPA 8260D	900954
92766574011	**S-14**	EPA 5035A/5030B	901460	EPA 8260D	901463
92766574001	**S-4**	SW-846	899813		
92766574002	**S-5**	SW-846	899813		
92766574003	**S-6**	SW-846	899836		
92766574004	**S-7**	SW-846	899836		
92766574005	**S-8**	SW-846	899836		
92766574006	**S-9**	SW-846	899836		
92766574007	**S-10**	SW-846	899836		
92766574008	**S-11**	SW-846	899836		
92766574009	**S-12**	SW-846	899836		
92766574010	**S-13**	ASTM D2974-87	492019		
92766574011	**S-14**	SW-846	899836		
92766574010	**S-13**	EPA 9060	492304		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: One Stop Marina
Pace Project No.: 92766574

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92766574010	**S-13**	EPA 9060	492305		

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DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☒ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Envirosouth

Project #: **WO# : 92766574**

92766574

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace ☐ Other:____

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☐ No ☒ N/A

Date/Initials Person Examining Contents: IC 12/2/24

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☒ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer:

☐ IR Gun ID: 92707 Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 1.7, 1.1 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 1.7, 1.1

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☒ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☐ No	☒ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☐ No	☒ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: SS	☒ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☒ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☒ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☒ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project # **WO#: 92766574**

PM: MWB **Due Date: 12/11/24**
CLIENT: 92-ENVIROSOU

Laboratory Receiving Location: Asheville [X] Eden [ ] Greenwood [ ] Huntersville [ ] Raleigh [ ] Mechanicsville [ ] Atlanta [ ] Kernersville [ ]

Client Envirosouth Profile/EZ (Circle one) ~~3176326~~ Notes

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																														
1										2													3						
2										2													3						
3										2													3						
4										2													3						
5										2													3						
6										4													3						
7										2													3						
8										2													3						
9										2													3						
10										1																				
11										2													3						
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Envirosouth	Contact/Report To:	Tom Donn
Street Address:	3440 Augusta Rd. Greenville, SC 29605	Phone #:	(864)236-9010
		E-Mail:	tdonn@envirosouth.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	One Stop Marina	Invoice To:	Teresa Donn
		Invoice E-Mail:	teresad@envirosouth.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	
Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET		County / State origin of sample(s):	South Carolina
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other	Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No		
	Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____	DW PWSID # or WW Permit # as applicable:	
	Date Results Requested:	Field Filtered (if applicable): [ ] Yes [ ] No	Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	504 EDB	524.2 BTEX/MN+Oxys	524.2 BTEX/MN + 1,2-DCA	8260 OXYs	8200 VOCs	TPH-DRO	Grain Size	TOC	Sample Comment
S-4	SL	G	11/27	1002			3				X	X	X					
S-5	SL	G	11/27	930			3				X	X	X					
S-6	SL	G	11/27	917			3				X	X	X					
S-7	SL	G	11/27	955			3				X	X	X					
S-8	SL	G	11/27	1028			3				X	X	X					
S-9	SL	G	11/27	1049			5				X	X	X	X	X			
S-10	SL	G	11/27	1105			3				X	X	X					
S-11	SL	G	11/27	944			3				X	X	X					
S-12	SL	G	11/27	855			3				X	X	X					
S-13	SL	G	11/27	1123			1									X		

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Matthew Brainard**

AcctNum / Client ID:

Table #:

Profile / Template: **4494**

Prelog / Bottle Ord. ID: **EZ 3176306**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By:
(Printed Name): Trevor Hudson
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	92707	0	1.7, 1.1	1.7, 1.1	Y

	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	12/2/24 0935	Received by/Company: (Signature) Pace	12/2/24 0935
Relinquished by/Company: (Signature)	12/2/24 1445	Received by/Company: (Signature) PaceAN	12/2/24 1445
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [X] Courier [ ] FedEx [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name:	Envirosouth	Contact/Report To:	Tom Donn
Street Address:	3440 Augusta Rd. Greenville, SC 29605	Phone #:	(864)236-9010
		E-Mail:	tdonn@envirosouth.com
		Cc E-Mail:	
Customer Project #:			
Project Name:	One Stop Marina	Invoice To:	Teresa Donn
		Invoice E-Mail:	teresad@envirosouth.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): South Carolina

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	504 EDB	524.2 BTEXMN + 1,2-DCA	8260 OXYs	8260 VOCs	Sample Comment
S-14	SL	G	11/27	1340			3			X	X	X		

BTEXMN+OXYs PAHs Lead

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only

Proj. Mgr: **Matthew Brainard**
AcctNum / Client ID:
Table #:
Profile / Template: **4494**
Prelog / Bottle Ord. ID: **EZ 3176306**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

Collected By:
(Printed Name) Trevor Hudson
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	On Ice:
2	92707	0	1.7, 1.1	1.7, 1.1	Y

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
	12/2/24 0925	Pace AL	12/2/24 0925	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [X] Courier
	12/2/24 1445	Pace AL	12/2/24 1445	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 2 of 3

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Schnabel ENGINEERING

103 Trade Zone drive, Suite 32
West Columbia, SC 29170
T/ 803-796-6240
F/ 803-796-6250

TRANSMITTAL

TO:	Matthew Brainard	**DATE:**	12/19/24
COMPANY:	Pace Analytical	**SUBJECT:**	Lab Results
ADDRESS:	9800 Kincey Ave., Suite 100 Huntersville, North Carolina 28078	**PROJECT NAME/NO.:**	Pace Analytical Lab Testing Schnabel Reference Number: 08190058.02.577 Work Order No. 92766574
FROM:	Stephen Hahn	**CC:**	

COPIES	DATE	NO.	DESCRIPTION
1	--	1	Lab results for One Stop Marina

☒ AS REQUESTED ☐ FOR APPROVAL ☐ PLEASE REPLY ☐ FOR YOUR USE

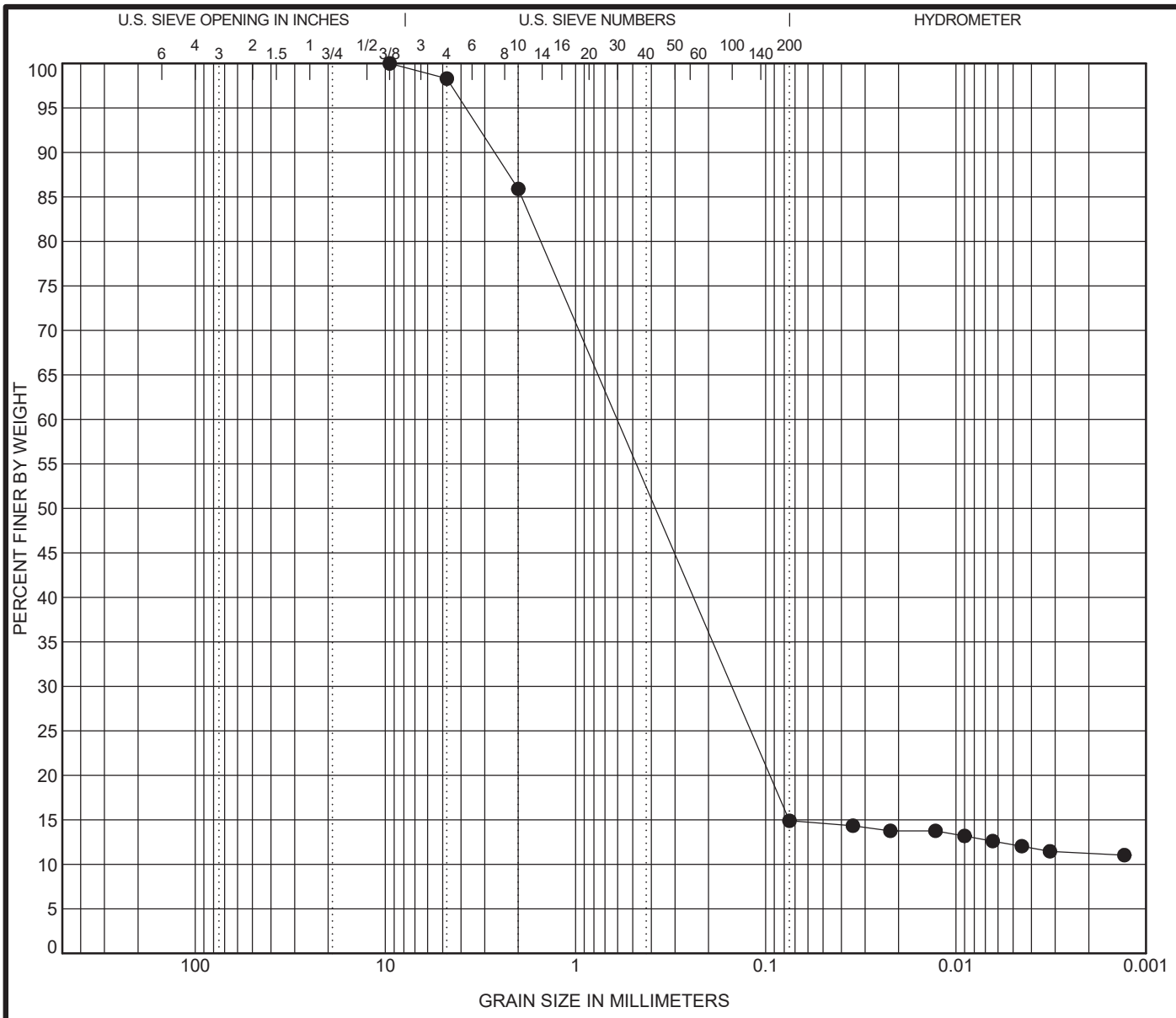
Attached, please find our lab results for sample(s) for Work Order No. 92766574.

Please advise if you have any questions.

SIGNED: 

Stephen Hahn

SENT VIA: ☐ First Class Mail ☐ Overnight Service ☒ Email ☐ Other



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen	Sample Description	LL	PL	PI	Test Method
● S-9 0.0 ft	**CLAYEY SAND (SC), reddish brown**	--	--	--	Atterberg ASTM D4318

Test Method	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
ASTM D422	**9.5**	**0.604**	**0.151**		**1.7**	**83.4**	**2.7**	**12.2**

Percent Finer

Sieve Size	200	10	4	3/8"
% Finer	14.9	85.9	98.3	100.0

Tested By	Tested Date	Reviewed by	Calc by
CM	12/13/24	SH	BD

Schnabel ENGINEERING

GRADATION CURVE

Project: Pace-Various Sites
WO92766574
One Stop Marina, SC

Contract: 08190058.020.577

SIEVE LONG NAME 08190058.02 LAB 2024.GPJ TEST TEMPLATE.GDT 12/19/24

Chain of Custody

08190058.020.577

PASI Charlotte Laboratory

Workorder: 92766574 **Workorder Name:** One Stop Marina **Results Requested By:** 12/11/2024

Report / Invoice To	Subcontract To
Matthew Brainard Pace Analytical Charlotte 9800 Kincey Ave. Suite 100 Huntersville, NC 28078 Phone 704-977-0942 Email: matthew.brainard@pacelabs.com	Schnabel Engineering 103 Trade Zone Dr. Suite 32 West Columbia, SC 29170 P.O. MB92766574

Send Invoice To: invoices@pacelabs.coupahost.com
State of Sample Origin: SC

Item	Sample ID	Collect Date/Time	Lab ID	Matrix	Preserved Containers: Unpreserved	Requested Analysis: Grain Size w/ Hydrometer	LAB USE ONLY
1	S-9	11/27/2024 10:49	92766574006	Solid	1	X	577
2							
3							
4							
5							

Transfers	Released By	Date/Time	Received By	Date/Time
1	Michael Morton AVL	12/3/24 1700	Jessie A. Revoe	12.4.24
2				
3				

Comments: 10:50 AM.

Cooler Temperature on Receipt °C | **Custody Seal** Y or N | **Received on Ice** Y or N | **Samples Intact** Y or N

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

January 06, 2025

Tom Donn
EnviroSouth, Inc.
3440 Augusta Rd.
Greenville, SC 29605

RE: Project: ONE STOP MARINA
Pace Project No.: 92771190

Dear Tom Donn:

Enclosed are the analytical results for sample(s) received by the laboratory on December 24, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matthew Brainard

Matthew Brainard
matthew.brainard@pacelabs.com
704-977-0942
Project Manager

Enclosures

cc: Beth Dalke, EnviroSouth
Trevor Hudson, Envirosouth
Jennifer Lezcano, EnviroSouth
William Lyons, EnviroSouth
Allen Meadows, EnviroSouth
Keigan Mennetti, EnviroSouth

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: ONE STOP MARINA
Pace Project No.: 92771190

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: ONE STOP MARINA
Pace Project No.: 92771190

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92771190001	**SED-1**	Solid	12/20/24 10:25	12/24/24 08:32
92771190002	**SED-2**	Solid	12/20/24 10:50	12/24/24 08:32

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: ONE STOP MARINA
Pace Project No.: 92771190

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92771190001	**SED-1**	EPA 8270E	SEM	8	PASI-C
		EPA 8260D	LMB	11	PASI-C
		SW-846	KDF	1	PASI-C
92771190002	**SED-2**	EPA 8270E	SEM	8	PASI-C
		EPA 8260D	LMB	11	PASI-C
		SW-846	KDF	1	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: ONE STOP MARINA
Pace Project No.: 92771190

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92771190001	**SED-1**					
EPA 8260D	Benzene	413	ug/kg	128	12/30/24 21:07	
EPA 8260D	Naphthalene	6380	ug/kg	128	12/30/24 21:07	
EPA 8260D	Toluene	1940	ug/kg	128	12/30/24 21:07	
EPA 8260D	Xylene (Total)	109000	ug/kg	256	12/30/24 21:07	
EPA 8260D	m&p-Xylene	80300	ug/kg	256	12/30/24 21:07	
EPA 8260D	o-Xylene	28800	ug/kg	128	12/30/24 21:07	
SW-846	Percent Moisture	19.5	%	0.10	12/30/24 14:47	N2
92771190002	**SED-2**					
SW-846	Percent Moisture	16.6	%	0.10	12/30/24 14:47	N2

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: ONE STOP MARINA
Pace Project No.: 92771190

Sample: SED-1 **Lab ID: 92771190001** Collected: 12/20/24 10:25 Received: 12/24/24 08:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)anthracene	ND	ug/kg	406	135	1	12/27/24 17:11	12/30/24 12:19	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	406	135	1	12/27/24 17:11	12/30/24 12:19	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	406	143	1	12/27/24 17:11	12/30/24 12:19	207-08-9	
Chrysene	ND	ug/kg	406	148	1	12/27/24 17:11	12/30/24 12:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	406	156	1	12/27/24 17:11	12/30/24 12:19	53-70-3	
Surrogates									
Nitrobenzene-d5 (S)	50	%	10-130		1	12/27/24 17:11	12/30/24 12:19	4165-60-0	
2-Fluorobiphenyl (S)	49	%	10-130		1	12/27/24 17:11	12/30/24 12:19	321-60-8	
Terphenyl-d14 (S)	46	%	10-130		1	12/27/24 17:11	12/30/24 12:19	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Benzene	**413**	ug/kg	128	51.0	20	12/30/24 17:24	12/30/24 21:07	71-43-2	
Ethylbenzene	ND	ug/kg	128	59.7	20	12/30/24 17:24	12/30/24 21:07	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	128	47.9	20	12/30/24 17:24	12/30/24 21:07	1634-04-4	
Naphthalene	**6380**	ug/kg	128	67.4	20	12/30/24 17:24	12/30/24 21:07	91-20-3	
Toluene	**1940**	ug/kg	128	88.5	20	12/30/24 17:24	12/30/24 21:07	108-88-3	
Xylene (Total)	**109000**	ug/kg	256	73.1	20	12/30/24 17:24	12/30/24 21:07	1330-20-7	
m&p-Xylene	**80300**	ug/kg	256	87.7	20	12/30/24 17:24	12/30/24 21:07	179601-23-1	
o-Xylene	**28800**	ug/kg	128	56.7	20	12/30/24 17:24	12/30/24 21:07	95-47-6	
Surrogates									
Toluene-d8 (S)	97	%	70-130		20	12/30/24 17:24	12/30/24 21:07	2037-26-5	D3
4-Bromofluorobenzene (S)	95	%	70-130		20	12/30/24 17:24	12/30/24 21:07	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-135		20	12/30/24 17:24	12/30/24 21:07	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**19.5**	%	0.10	0.10	1		12/30/24 14:47		N2

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: ONE STOP MARINA
Pace Project No.: 92771190

Sample: SED-2 **Lab ID: 92771190002** Collected: 12/20/24 10:50 Received: 12/24/24 08:32 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH Microwave	Analytical Method: EPA 8270E Preparation Method: EPA 3546 Pace Analytical Services - Charlotte								
Benzo(a)anthracene	ND	ug/kg	392	131	1	12/27/24 17:11	12/30/24 13:13	56-55-3	
Benzo(b)fluoranthene	ND	ug/kg	392	131	1	12/27/24 17:11	12/30/24 13:13	205-99-2	
Benzo(k)fluoranthene	ND	ug/kg	392	138	1	12/27/24 17:11	12/30/24 13:13	207-08-9	
Chrysene	ND	ug/kg	392	143	1	12/27/24 17:11	12/30/24 13:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	151	1	12/27/24 17:11	12/30/24 13:13	53-70-3	
Surrogates									
Nitrobenzene-d5 (S)	55	%	10-130		1	12/27/24 17:11	12/30/24 13:13	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-130		1	12/27/24 17:11	12/30/24 13:13	321-60-8	
Terphenyl-d14 (S)	46	%	10-130		1	12/27/24 17:11	12/30/24 13:13	1718-51-0	
8260D/5035A/5030B SC Volatiles	Analytical Method: EPA 8260D Preparation Method: EPA 5035A/5030B Pace Analytical Services - Charlotte								
Benzene	ND	ug/kg	5.6	2.2	1	12/27/24 17:31	12/27/24 23:24	71-43-2	
Ethylbenzene	ND	ug/kg	5.6	2.6	1	12/27/24 17:31	12/27/24 23:24	100-41-4	
Methyl-tert-butyl ether	ND	ug/kg	5.6	2.1	1	12/27/24 17:31	12/27/24 23:24	1634-04-4	
Naphthalene	ND	ug/kg	5.6	2.9	1	12/27/24 17:31	12/27/24 23:24	91-20-3	
Toluene	ND	ug/kg	5.6	3.8	1	12/27/24 17:31	12/27/24 23:24	108-88-3	
Xylene (Total)	ND	ug/kg	11.2	3.2	1	12/27/24 17:31	12/27/24 23:24	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	3.8	1	12/27/24 17:31	12/27/24 23:24	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.5	1	12/27/24 17:31	12/27/24 23:24	95-47-6	
Surrogates									
Toluene-d8 (S)	99	%	70-130		1	12/27/24 17:31	12/27/24 23:24	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1	12/27/24 17:31	12/27/24 23:24	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-135		1	12/27/24 17:31	12/27/24 23:24	17060-07-0	
Percent Moisture	Analytical Method: SW-846 Pace Analytical Services - Charlotte								
Percent Moisture	**16.6**	%	0.10	0.10	1		12/30/24 14:47		N2

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: ONE STOP MARINA
Pace Project No.: 92771190

QC Batch: 905613
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92771190002

METHOD BLANK: 4659492 Matrix: Solid
Associated Lab Samples: 92771190002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	2.0	12/27/24 16:57	
Ethylbenzene	ug/kg	ND	5.0	2.3	12/27/24 16:57	
m&p-Xylene	ug/kg	ND	10.0	3.4	12/27/24 16:57	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	12/27/24 16:57	
Naphthalene	ug/kg	ND	5.0	2.6	12/27/24 16:57	
o-Xylene	ug/kg	ND	5.0	2.2	12/27/24 16:57	
Toluene	ug/kg	ND	5.0	3.4	12/27/24 16:57	
Xylene (Total)	ug/kg	ND	10.0	2.8	12/27/24 16:57	
1,2-Dichloroethane-d4 (S)	%	96	70-135		12/27/24 16:57	
4-Bromofluorobenzene (S)	%	95	70-130		12/27/24 16:57	
Toluene-d8 (S)	%	98	70-130		12/27/24 16:57	

LABORATORY CONTROL SAMPLE: 4659493

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	500	449	90	70-130	
Ethylbenzene	ug/kg	500	453	91	69-130	
m&p-Xylene	ug/kg	1000	868	87	70-130	
Methyl-tert-butyl ether	ug/kg	500	395	79	66-130	
Naphthalene	ug/kg	500	547	109	70-130	
o-Xylene	ug/kg	500	451	90	70-130	
Toluene	ug/kg	500	424	85	70-130	
Xylene (Total)	ug/kg	1500	1320	88	70-130	
1,2-Dichloroethane-d4 (S)	%			86	70-135	
4-Bromofluorobenzene (S)	%			95	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 4659495

Parameter	Units	92771190002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	ND	558	525	94	10-175	
Ethylbenzene	ug/kg	ND	558	490	88	10-169	
m&p-Xylene	ug/kg	ND	1120	939	84	10-174	
Methyl-tert-butyl ether	ug/kg	ND	558	457	82	10-157	
Naphthalene	ug/kg	ND	558	322	58	10-155	
o-Xylene	ug/kg	ND	558	497	89	10-175	
Toluene	ug/kg	ND	558	484	87	10-173	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA
Pace Project No.: 92771190

MATRIX SPIKE SAMPLE: 4659495

Parameter	Units	92771190002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/kg	ND	1680	1440	86	10-174	
1,2-Dichloroethane-d4 (S)	%				93	70-135	
4-Bromofluorobenzene (S)	%				95	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 4659494

Parameter	Units	92771371001 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzene	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	93	93			
4-Bromofluorobenzene (S)	%	97	95			
Toluene-d8 (S)	%	99	99			

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QUALITY CONTROL DATA

Project: ONE STOP MARINA
Pace Project No.: 92771190

QC Batch: 905880
QC Batch Method: EPA 5035A/5030B
Analysis Method: EPA 8260D
Analysis Description: 8260D 5035A 5030B SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92771190001

METHOD BLANK: 4660436 Matrix: Solid
Associated Lab Samples: 92771190001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzene	ug/kg	ND	5.0	2.0	12/30/24 19:17	
Ethylbenzene	ug/kg	ND	5.0	2.3	12/30/24 19:17	
m&p-Xylene	ug/kg	ND	10.0	3.4	12/30/24 19:17	
Methyl-tert-butyl ether	ug/kg	ND	5.0	1.9	12/30/24 19:17	
Naphthalene	ug/kg	ND	5.0	2.6	12/30/24 19:17	
o-Xylene	ug/kg	ND	5.0	2.2	12/30/24 19:17	
Toluene	ug/kg	ND	5.0	3.4	12/30/24 19:17	
Xylene (Total)	ug/kg	ND	10.0	2.8	12/30/24 19:17	
1,2-Dichloroethane-d4 (S)	%	97	70-135		12/30/24 19:17	
4-Bromofluorobenzene (S)	%	96	70-130		12/30/24 19:17	
Toluene-d8 (S)	%	99	70-130		12/30/24 19:17	

LABORATORY CONTROL SAMPLE: 4660437

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	500	479	96	70-130	
Ethylbenzene	ug/kg	500	475	95	69-130	
m&p-Xylene	ug/kg	1000	919	92	70-130	
Methyl-tert-butyl ether	ug/kg	500	427	85	66-130	
Naphthalene	ug/kg	500	551	110	70-130	
o-Xylene	ug/kg	500	473	95	70-130	
Toluene	ug/kg	500	452	90	70-130	
Xylene (Total)	ug/kg	1500	1390	93	70-130	
1,2-Dichloroethane-d4 (S)	%			88	70-135	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4660438 4660439

Parameter	Units	92771363002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	ND	16200	16200	14000	11600	87	72	10-175	19	30	
Ethylbenzene	ug/kg	1150	16200	16200	14600	12300	83	69	10-169	17	30	
m&p-Xylene	ug/kg	11000	32300	32300	36300	32100	78	65	10-174	12	30	
Methyl-tert-butyl ether	ug/kg	ND	16200	16200	12300	10200	76	63	10-157	18	30	
Naphthalene	ug/kg	31700	16200	16200	45100	42500	83	67	10-155	6	30	
o-Xylene	ug/kg	7760	16200	16200	20900	18500	81	66	10-175	12	30	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA
Pace Project No.: 92771190

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4660438 4660439

Parameter	Units	92771363002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene	ug/kg	1180	16200	16200	14100	11800	80	66	10-173	18	30	
Xylene (Total)	ug/kg	18800	48500	48500	57200	50600	79	66	10-174	12	30	
1,2-Dichloroethane-d4 (S)	%						93	94	70-135			
4-Bromofluorobenzene (S)	%						96	96	70-130			
Toluene-d8 (S)	%						99	99	70-130			

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QUALITY CONTROL DATA

Project: ONE STOP MARINA
Pace Project No.: 92771190

QC Batch: 905588
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E
Analysis Description: 8270E Solid MSSV Microwave PAH
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92771190001, 92771190002

METHOD BLANK: 4659402 Matrix: Solid
Associated Lab Samples: 92771190001, 92771190002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Benzo(a)anthracene	ug/kg	ND	330	110	12/30/24 11:51	
Benzo(b)fluoranthene	ug/kg	ND	330	110	12/30/24 11:51	
Benzo(k)fluoranthene	ug/kg	ND	330	116	12/30/24 11:51	
Chrysene	ug/kg	ND	330	120	12/30/24 11:51	
Dibenz(a,h)anthracene	ug/kg	ND	330	127	12/30/24 11:51	
2-Fluorobiphenyl (S)	%	59	10-130		12/30/24 11:51	
Nitrobenzene-d5 (S)	%	60	10-130		12/30/24 11:51	
Terphenyl-d14 (S)	%	71	10-130		12/30/24 11:51	

LABORATORY CONTROL SAMPLE: 4659403

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	1670	1290	77	49-130	
Benzo(b)fluoranthene	ug/kg	1670	1350	81	45-130	
Benzo(k)fluoranthene	ug/kg	1670	1380	83	46-130	
Chrysene	ug/kg	1670	1280	77	50-130	
Dibenz(a,h)anthracene	ug/kg	1670	1330	80	46-130	
2-Fluorobiphenyl (S)	%			61	10-130	
Nitrobenzene-d5 (S)	%			62	10-130	
Terphenyl-d14 (S)	%			76	10-130	

MATRIX SPIKE SAMPLE: 4659404

Parameter	Units	92771190001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzo(a)anthracene	ug/kg	ND	2080	1480	71	31-130	
Benzo(b)fluoranthene	ug/kg	ND	2080	1620	78	12-137	
Benzo(k)fluoranthene	ug/kg	ND	2080	1590	77	27-130	
Chrysene	ug/kg	ND	2080	1500	73	29-130	
Dibenz(a,h)anthracene	ug/kg	ND	2080	1450	70	27-130	
2-Fluorobiphenyl (S)	%				47	10-130	
Nitrobenzene-d5 (S)	%				51	10-130	
Terphenyl-d14 (S)	%				54	10-130	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA
Pace Project No.: 92771190

SAMPLE DUPLICATE: 4659405

Parameter	Units	92771190002 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(a)anthracene	ug/kg	ND	ND		30	
Benzo(b)fluoranthene	ug/kg	ND	ND		30	
Benzo(k)fluoranthene	ug/kg	ND	ND		30	
Chrysene	ug/kg	ND	ND		30	
Dibenz(a,h)anthracene	ug/kg	ND	ND		30	
2-Fluorobiphenyl (S)	%	56	57			
Nitrobenzene-d5 (S)	%	55	57			
Terphenyl-d14 (S)	%	46	53			

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QUALITY CONTROL DATA

Project: ONE STOP MARINA
Pace Project No.: 92771190

QC Batch: 905846
QC Batch Method: SW-846
Analysis Method: SW-846
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92771190001, 92771190002

SAMPLE DUPLICATE: 4660252

Parameter	Units	92771241019 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	16.8	16.8	0	25	N2

SAMPLE DUPLICATE: 4660257

Parameter	Units	92771313002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.8	12.8	0	25	N2

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QUALIFIERS

Project: ONE STOP MARINA
Pace Project No.: 92771190

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
N2	The lab does not hold NELAC/TNI accreditation for this parameter but other accreditations/certifications may apply. A complete list of accreditations/certifications is available upon request.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ONE STOP MARINA
Pace Project No.: 92771190

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92771190001	**SED-1**	EPA 3546	905588	EPA 8270E	905920
92771190002	**SED-2**	EPA 3546	905588	EPA 8270E	905920
92771190001	**SED-1**	EPA 5035A/5030B	905880	EPA 8260D	905882
92771190002	**SED-2**	EPA 5035A/5030B	905613	EPA 8260D	905615
92771190001	**SED-1**	SW-846	905846		
92771190002	**SED-2**	SW-846	905846		

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DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☒ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Envirosouth

Project #: WO# : 92771190

92771190

Courier: ☐ Commercial ☒ Pace ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Other:____

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☐ No ☒ N/A

Date/Initials Person Examining Contents: IC 12/24/24

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer:

☐ IR Gun ID: 93090

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 4.1 Correction Factor: Add/Subtract (°C) 0.2

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 4.2

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or (SC) (check maps)? ☒ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☐ No	☒ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☐ No	☒ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC?	☒ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: SS				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☒ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☒ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☒ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project # **WO#: 92771190**

PM: MWB Due Date: 01/06/25

CLIENT: 92-ENVIROSOU

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mc...sville ☐ Atlanta ☐ Kernersville ☐

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC										CH													CH							
1										1													3							
2										1													3							
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: EnviroSouth	Report To:	Attention:
Address: 3440 Augusta Road	Copy To:	Company Name:
		Address:
Email To:	Purchase Order #:	Pace Quote:
Phone: Fax	Project Name: One Stop Marina	Pace Project Manager:
Requested Due Date:	Project Number:	Pace Profile #:

Regulatory Agency

State / Location

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	Requested Analysis Filtered (Y/N): BTEX N, 6 SC PAHs	Residual Chlorine (Y/N)	WO# 92771190
1	S-15	SL	G	12/20	1075				2								X		X X		
2	S-16	SL	G	12/20	1050				2								X		X X		
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		12/24/24	0852		12/24/24	0852				
		12/24/24	0855		12/24/24	0855				
		12/24/24	1220		12/24/24	1220	4.3	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Trevor Hudson

SIGNATURE of SAMPLER: DATE Signed:

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

December 19, 2024

Tom Donn
EnviroSouth, Inc.
3440 Augusta Rd.
Greenville, SC 29605

RE: Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Dear Tom Donn:

Enclosed are the analytical results for sample(s) received by the laboratory on December 06, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matthew Brainard
matthew.brainard@pacelabs.com
704-977-0942
Project Manager

Enclosures

cc: Beth Dalke, EnviroSouth
Trevor Hudson, Envirosouth
Jennifer Lezcano, EnviroSouth
William Lyons, EnviroSouth
Allen Meadows, EnviroSouth
Keigan Mennetti, EnviroSouth

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CERTIFICATIONS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

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SAMPLE SUMMARY

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92767728001	**TB-1**	Water	12/04/24 08:00	12/06/24 09:45
92767728002	**FB-1**	Water	12/04/24 09:00	12/06/24 09:45
92767728003	**SW-1**	Water	12/04/24 10:00	12/06/24 09:45
92767728004	**SW-2**	Water	12/04/24 10:15	12/06/24 09:45
92767728005	**MW-1**	Water	12/04/24 14:00	12/06/24 09:45
92767728006	**MW-4**	Water	12/04/24 12:25	12/06/24 09:45
92767728007	**MW-3**	Water	12/04/24 13:05	12/06/24 09:45
92767728008	**MW-2**	Water	12/04/24 11:45	12/06/24 09:45
92767728009	**DUPLICATE**	Water	12/04/24 00:00	12/06/24 09:45

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92767728001	**TB-1**	EPA 8260D	JN	20	PASI-C
92767728002	**FB-1**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	JN	20	PASI-C
92767728003	**SW-1**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	JN	20	PASI-C
92767728004	**SW-2**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	JN	20	PASI-C
92767728005	**MW-1**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C
92767728006	**MW-4**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	GAW, SAS	20	PASI-C
92767728007	**MW-3**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	GAW, SAS	20	PASI-C
92767728008	**MW-2**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	JN	20	PASI-C
92767728009	**DUPLICATE**	EPA 8011	HH	2	PASI-C
		EPA 6010D	DBB1	1	PASI-A
		EPA 8270E	PKS	21	PASI-C
		EPA 8260D	LMB	20	PASI-C

PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92767728003	**SW-1**					
EPA 6010D	Lead	2.0J	ug/L	5.0	12/16/24 18:03	
92767728004	**SW-2**					
EPA 6010D	Lead	2.5J	ug/L	5.0	12/16/24 18:07	
EPA 8260D	Xylene (Total)	1.3	ug/L	1.0	12/10/24 21:44	
EPA 8260D	m&p-Xylene	0.91J	ug/L	2.0	12/10/24 21:44	
EPA 8260D	o-Xylene	0.37J	ug/L	1.0	12/10/24 21:44	
92767728005	**MW-1**					
EPA 8270E	1-Methylnaphthalene	14.4	ug/L	10.1	12/10/24 02:17	
EPA 8270E	2-Methylnaphthalene	24.7	ug/L	10.1	12/10/24 02:17	
EPA 8270E	Naphthalene	249	ug/L	10.1	12/10/24 02:17	
EPA 8260D	Benzene	199	ug/L	50.0	12/12/24 06:46	
EPA 8260D	Ethylbenzene	1730	ug/L	50.0	12/12/24 06:46	
EPA 8260D	Naphthalene	275	ug/L	50.0	12/12/24 06:46	
EPA 8260D	Toluene	4610	ug/L	50.0	12/12/24 06:46	
EPA 8260D	Xylene (Total)	10500	ug/L	50.0	12/12/24 06:46	
EPA 8260D	m&p-Xylene	6910	ug/L	100	12/12/24 06:46	
EPA 8260D	o-Xylene	3580	ug/L	50.0	12/12/24 06:46	
92767728006	**MW-4**					
EPA 8270E	1-Methylnaphthalene	29.6	ug/L	10	12/10/24 02:43	
EPA 8270E	2-Methylnaphthalene	52.1	ug/L	10	12/10/24 02:43	
EPA 8270E	Naphthalene	479	ug/L	10	12/10/24 02:43	
EPA 8260D	Benzene	122	ug/L	100	12/13/24 05:41	M1
EPA 8260D	Ethylbenzene	3810	ug/L	100	12/13/24 05:41	M1
EPA 8260D	Naphthalene	475	ug/L	100	12/13/24 05:41	M1
EPA 8260D	Toluene	25000	ug/L	200	12/17/24 10:31	M1
EPA 8260D	Xylene (Total)	23500	ug/L	100	12/13/24 05:41	MS
EPA 8260D	m&p-Xylene	15300	ug/L	200	12/13/24 05:41	M1
EPA 8260D	o-Xylene	8220	ug/L	100	12/13/24 05:41	M1
92767728007	**MW-3**					
EPA 6010D	Lead	13.8	ug/L	5.0	12/16/24 18:31	
EPA 8270E	1-Methylnaphthalene	28.4	ug/L	10.0	12/10/24 03:09	
EPA 8270E	2-Methylnaphthalene	56.2	ug/L	10.0	12/10/24 03:09	
EPA 8270E	Naphthalene	410	ug/L	10.0	12/10/24 03:09	
EPA 8260D	Benzene	1940	ug/L	200	12/13/24 06:36	
EPA 8260D	Ethylbenzene	3790	ug/L	200	12/13/24 06:36	
EPA 8260D	Naphthalene	379	ug/L	200	12/13/24 06:36	
EPA 8260D	Toluene	43600	ug/L	400	12/17/24 10:49	
EPA 8260D	Xylene (Total)	22900	ug/L	200	12/13/24 06:36	
EPA 8260D	m&p-Xylene	15000	ug/L	400	12/13/24 06:36	
EPA 8260D	o-Xylene	7900	ug/L	200	12/13/24 06:36	
92767728008	**MW-2**					
EPA 8260D	Xylene (Total)	1.8	ug/L	1.0	12/11/24 22:17	
EPA 8260D	m&p-Xylene	1.2J	ug/L	2.0	12/11/24 22:17	
EPA 8260D	o-Xylene	0.58J	ug/L	1.0	12/11/24 22:17	

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92767728009	**DUPLICATE**					
EPA 8270E	1-Methylnaphthalene	15.8	ug/L	10.0	12/10/24 04:00	
EPA 8270E	2-Methylnaphthalene	25.4	ug/L	10.0	12/10/24 04:00	
EPA 8270E	Naphthalene	248	ug/L	10.0	12/10/24 04:00	
EPA 8260D	Benzene	193	ug/L	50.0	12/12/24 07:04	
EPA 8260D	Ethylbenzene	1770	ug/L	50.0	12/12/24 07:04	
EPA 8260D	Naphthalene	234	ug/L	50.0	12/12/24 07:04	
EPA 8260D	Toluene	4610	ug/L	50.0	12/12/24 07:04	
EPA 8260D	Xylene (Total)	10600	ug/L	50.0	12/12/24 07:04	
EPA 8260D	m&p-Xylene	7050	ug/L	100	12/12/24 07:04	
EPA 8260D	o-Xylene	3590	ug/L	50.0	12/12/24 07:04	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: TB-1 **Lab ID: 92767728001** Collected: 12/04/24 08:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 20:33	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 20:33	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		12/10/24 20:33	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 20:33	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 20:33	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 20:33	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		12/10/24 20:33	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 20:33	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 20:33	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		12/10/24 20:33	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 20:33	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		12/10/24 20:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		12/10/24 20:33	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		12/10/24 20:33	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		12/10/24 20:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		12/10/24 20:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		12/10/24 20:33	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/10/24 20:33	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130		1		12/10/24 20:33	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		12/10/24 20:33	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: FB-1 **Lab ID: 92767728002** Collected: 12/04/24 09:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0078	1	12/10/24 16:24	12/11/24 04:52	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	108	%	60-140		1	12/10/24 16:24	12/11/24 04:52	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:00	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10	3.2	1	12/09/24 05:35	12/09/24 23:50	83-32-9	
Acenaphthylene	ND	ug/L	10	3.8	1	12/09/24 05:35	12/09/24 23:50	208-96-8	
Anthracene	ND	ug/L	10	3.9	1	12/09/24 05:35	12/09/24 23:50	120-12-7	
Benzo(a)anthracene	ND	ug/L	10	4.0	1	12/09/24 05:35	12/09/24 23:50	56-55-3	
Benzo(a)pyrene	ND	ug/L	10	3.6	1	12/09/24 05:35	12/09/24 23:50	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10	3.9	1	12/09/24 05:35	12/09/24 23:50	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10	3.7	1	12/09/24 05:35	12/09/24 23:50	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10	3.6	1	12/09/24 05:35	12/09/24 23:50	207-08-9	
Chrysene	ND	ug/L	10	3.4	1	12/09/24 05:35	12/09/24 23:50	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10	4.3	1	12/09/24 05:35	12/09/24 23:50	53-70-3	
Fluoranthene	ND	ug/L	10	3.3	1	12/09/24 05:35	12/09/24 23:50	206-44-0	
Fluorene	ND	ug/L	10	3.2	1	12/09/24 05:35	12/09/24 23:50	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	4.0	1	12/09/24 05:35	12/09/24 23:50	193-39-5	
1-Methylnaphthalene	ND	ug/L	10	3.7	1	12/09/24 05:35	12/09/24 23:50	90-12-0	
2-Methylnaphthalene	ND	ug/L	10	3.4	1	12/09/24 05:35	12/09/24 23:50	91-57-6	
Naphthalene	ND	ug/L	10	3.1	1	12/09/24 05:35	12/09/24 23:50	91-20-3	
Phenanthrene	ND	ug/L	10	3.4	1	12/09/24 05:35	12/09/24 23:50	85-01-8	
Pyrene	ND	ug/L	10	3.8	1	12/09/24 05:35	12/09/24 23:50	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	86	%	35-143		1	12/09/24 05:35	12/09/24 23:50	4165-60-0	
2-Fluorobiphenyl (S)	88	%	24-130		1	12/09/24 05:35	12/09/24 23:50	321-60-8	
Terphenyl-d14 (S)	103	%	21-142		1	12/09/24 05:35	12/09/24 23:50	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 20:51	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 20:51	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		12/10/24 20:51	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 20:51	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 20:51	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 20:51	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		12/10/24 20:51	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 20:51	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 20:51	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		12/10/24 20:51	100-41-4	

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(704)875-9092

ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: FB-1 **Lab ID: 92767728002** Collected: 12/04/24 09:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 20:51	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		12/10/24 20:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		12/10/24 20:51	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		12/10/24 20:51	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		12/10/24 20:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		12/10/24 20:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		12/10/24 20:51	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/10/24 20:51	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		12/10/24 20:51	17060-07-0	
Toluene-d8 (S)	103	%	70-130		1		12/10/24 20:51	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: SW-1 **Lab ID: 92767728003** Collected: 12/04/24 10:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0077	1	12/10/24 16:24	12/11/24 05:04	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	103	%	60-140		1	12/10/24 16:24	12/11/24 05:04	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**2.0J**	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:03	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	9.9	3.2	1	12/08/24 16:42	12/10/24 01:26	83-32-9	
Acenaphthylene	ND	ug/L	9.9	3.8	1	12/08/24 16:42	12/10/24 01:26	208-96-8	
Anthracene	ND	ug/L	9.9	3.9	1	12/08/24 16:42	12/10/24 01:26	120-12-7	
Benzo(a)anthracene	ND	ug/L	9.9	4.0	1	12/08/24 16:42	12/10/24 01:26	56-55-3	
Benzo(a)pyrene	ND	ug/L	9.9	3.6	1	12/08/24 16:42	12/10/24 01:26	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	9.9	3.9	1	12/08/24 16:42	12/10/24 01:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	9.9	3.7	1	12/08/24 16:42	12/10/24 01:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	9.9	3.6	1	12/08/24 16:42	12/10/24 01:26	207-08-9	
Chrysene	ND	ug/L	9.9	3.3	1	12/08/24 16:42	12/10/24 01:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	9.9	4.3	1	12/08/24 16:42	12/10/24 01:26	53-70-3	
Fluoranthene	ND	ug/L	9.9	3.3	1	12/08/24 16:42	12/10/24 01:26	206-44-0	
Fluorene	ND	ug/L	9.9	3.2	1	12/08/24 16:42	12/10/24 01:26	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	9.9	4.0	1	12/08/24 16:42	12/10/24 01:26	193-39-5	
1-Methylnaphthalene	ND	ug/L	9.9	3.6	1	12/08/24 16:42	12/10/24 01:26	90-12-0	
2-Methylnaphthalene	ND	ug/L	9.9	3.4	1	12/08/24 16:42	12/10/24 01:26	91-57-6	
Naphthalene	ND	ug/L	9.9	3.1	1	12/08/24 16:42	12/10/24 01:26	91-20-3	
Phenanthrene	ND	ug/L	9.9	3.3	1	12/08/24 16:42	12/10/24 01:26	85-01-8	
Pyrene	ND	ug/L	9.9	3.8	1	12/08/24 16:42	12/10/24 01:26	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	97	%	35-143		1	12/08/24 16:42	12/10/24 01:26	4165-60-0	
2-Fluorobiphenyl (S)	88	%	24-130		1	12/08/24 16:42	12/10/24 01:26	321-60-8	
Terphenyl-d14 (S)	99	%	21-142		1	12/08/24 16:42	12/10/24 01:26	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 21:26	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 21:26	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		12/10/24 21:26	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 21:26	624-95-3	v3
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 21:26	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 21:26	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		12/10/24 21:26	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 21:26	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 21:26	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		12/10/24 21:26	100-41-4	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: SW-1 **Lab ID: 92767728003** Collected: 12/04/24 10:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 21:26	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		12/10/24 21:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		12/10/24 21:26	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		12/10/24 21:26	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		12/10/24 21:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		12/10/24 21:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		12/10/24 21:26	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		12/10/24 21:26	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		12/10/24 21:26	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		12/10/24 21:26	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: SW-2 **Lab ID: 92767728004** Collected: 12/04/24 10:15 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0079	1	12/10/24 16:24	12/11/24 05:15	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	103	%	60-140		1	12/10/24 16:24	12/11/24 05:15	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**2.5J**	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:07	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.1	3.3	1	12/08/24 16:42	12/10/24 01:51	83-32-9	
Acenaphthylene	ND	ug/L	10.1	3.9	1	12/08/24 16:42	12/10/24 01:51	208-96-8	
Anthracene	ND	ug/L	10.1	4.0	1	12/08/24 16:42	12/10/24 01:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.1	4.1	1	12/08/24 16:42	12/10/24 01:51	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.1	3.7	1	12/08/24 16:42	12/10/24 01:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.1	4.0	1	12/08/24 16:42	12/10/24 01:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.1	3.8	1	12/08/24 16:42	12/10/24 01:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.1	3.7	1	12/08/24 16:42	12/10/24 01:51	207-08-9	
Chrysene	ND	ug/L	10.1	3.4	1	12/08/24 16:42	12/10/24 01:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.1	4.4	1	12/08/24 16:42	12/10/24 01:51	53-70-3	
Fluoranthene	ND	ug/L	10.1	3.4	1	12/08/24 16:42	12/10/24 01:51	206-44-0	
Fluorene	ND	ug/L	10.1	3.2	1	12/08/24 16:42	12/10/24 01:51	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.1	4.1	1	12/08/24 16:42	12/10/24 01:51	193-39-5	
1-Methylnaphthalene	ND	ug/L	10.1	3.7	1	12/08/24 16:42	12/10/24 01:51	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.1	3.5	1	12/08/24 16:42	12/10/24 01:51	91-57-6	
Naphthalene	ND	ug/L	10.1	3.2	1	12/08/24 16:42	12/10/24 01:51	91-20-3	
Phenanthrene	ND	ug/L	10.1	3.4	1	12/08/24 16:42	12/10/24 01:51	85-01-8	
Pyrene	ND	ug/L	10.1	3.9	1	12/08/24 16:42	12/10/24 01:51	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	99	%	35-143		1	12/08/24 16:42	12/10/24 01:51	4165-60-0	
2-Fluorobiphenyl (S)	85	%	24-130		1	12/08/24 16:42	12/10/24 01:51	321-60-8	
Terphenyl-d14 (S)	98	%	21-142		1	12/08/24 16:42	12/10/24 01:51	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 21:44	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 21:44	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		12/10/24 21:44	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 21:44	624-95-3	v2
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 21:44	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 21:44	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		12/10/24 21:44	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 21:44	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 21:44	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		12/10/24 21:44	100-41-4	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: SW-2 **Lab ID: 92767728004** Collected: 12/04/24 10:15 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 21:44	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		12/10/24 21:44	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		12/10/24 21:44	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		12/10/24 21:44	108-88-3	
Xylene (Total)	**1.3**	ug/L	1.0	0.34	1		12/10/24 21:44	1330-20-7	
m&p-Xylene	**0.91J**	ug/L	2.0	0.71	1		12/10/24 21:44	179601-23-1	
o-Xylene	**0.37J**	ug/L	1.0	0.34	1		12/10/24 21:44	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		12/10/24 21:44	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		12/10/24 21:44	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		12/10/24 21:44	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-1 **Lab ID: 92767728005** Collected: 12/04/24 14:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0079	1	12/10/24 16:24	12/11/24 05:27	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	120	%	60-140		1	12/10/24 16:24	12/11/24 05:27	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:24	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.1	3.3	1	12/08/24 16:42	12/10/24 02:17	83-32-9	
Acenaphthylene	ND	ug/L	10.1	3.9	1	12/08/24 16:42	12/10/24 02:17	208-96-8	
Anthracene	ND	ug/L	10.1	3.9	1	12/08/24 16:42	12/10/24 02:17	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.1	4.1	1	12/08/24 16:42	12/10/24 02:17	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.1	3.7	1	12/08/24 16:42	12/10/24 02:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.1	4.0	1	12/08/24 16:42	12/10/24 02:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.1	3.8	1	12/08/24 16:42	12/10/24 02:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.1	3.7	1	12/08/24 16:42	12/10/24 02:17	207-08-9	
Chrysene	ND	ug/L	10.1	3.4	1	12/08/24 16:42	12/10/24 02:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.1	4.4	1	12/08/24 16:42	12/10/24 02:17	53-70-3	
Fluoranthene	ND	ug/L	10.1	3.4	1	12/08/24 16:42	12/10/24 02:17	206-44-0	
Fluorene	ND	ug/L	10.1	3.2	1	12/08/24 16:42	12/10/24 02:17	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.1	4.1	1	12/08/24 16:42	12/10/24 02:17	193-39-5	
1-Methylnaphthalene	**14.4**	ug/L	10.1	3.7	1	12/08/24 16:42	12/10/24 02:17	90-12-0	
2-Methylnaphthalene	**24.7**	ug/L	10.1	3.5	1	12/08/24 16:42	12/10/24 02:17	91-57-6	
Naphthalene	**249**	ug/L	10.1	3.2	1	12/08/24 16:42	12/10/24 02:17	91-20-3	
Phenanthrene	ND	ug/L	10.1	3.4	1	12/08/24 16:42	12/10/24 02:17	85-01-8	
Pyrene	ND	ug/L	10.1	3.9	1	12/08/24 16:42	12/10/24 02:17	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	100	%	35-143		1	12/08/24 16:42	12/10/24 02:17	4165-60-0	
2-Fluorobiphenyl (S)	100	%	24-130		1	12/08/24 16:42	12/10/24 02:17	321-60-8	
Terphenyl-d14 (S)	118	%	21-142		1	12/08/24 16:42	12/10/24 02:17	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	5000	1820	50		12/12/24 06:46	75-85-4	
tert-Amylmethyl ether	ND	ug/L	500	133	50		12/12/24 06:46	994-05-8	
Benzene	**199**	ug/L	50.0	17.2	50		12/12/24 06:46	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	5000	2600	50		12/12/24 06:46	624-95-3	
tert-Butyl Alcohol	ND	ug/L	5000	1340	50		12/12/24 06:46	75-65-0	
tert-Butyl Formate	ND	ug/L	2500	1470	50		12/12/24 06:46	762-75-4	
1,2-Dichloroethane	ND	ug/L	50.0	16.1	50		12/12/24 06:46	107-06-2	
Diisopropyl ether	ND	ug/L	50.0	15.4	50		12/12/24 06:46	108-20-3	
Ethanol	ND	ug/L	10000	3610	50		12/12/24 06:46	64-17-5	
Ethylbenzene	**1730**	ug/L	50.0	15.2	50		12/12/24 06:46	100-41-4	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-1 **Lab ID: 92767728005** Collected: 12/04/24 14:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	500	162	50		12/12/24 06:46	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	50.0	21.1	50		12/12/24 06:46	1634-04-4	
Naphthalene	**275**	ug/L	50.0	32.2	50		12/12/24 06:46	91-20-3	
Toluene	**4610**	ug/L	50.0	24.2	50		12/12/24 06:46	108-88-3	
Xylene (Total)	**10500**	ug/L	50.0	16.9	50		12/12/24 06:46	1330-20-7	
m&p-Xylene	**6910**	ug/L	100	35.4	50		12/12/24 06:46	179601-23-1	
o-Xylene	**3580**	ug/L	50.0	16.9	50		12/12/24 06:46	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	96	%	70-130		50		12/12/24 06:46	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		50		12/12/24 06:46	17060-07-0	
Toluene-d8 (S)	100	%	70-130		50		12/12/24 06:46	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-4 **Lab ID: 92767728006** Collected: 12/04/24 12:25 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0079	1	12/10/24 16:24	12/11/24 05:38	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	116	%	60-140		1	12/10/24 16:24	12/11/24 05:38	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:28	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10	3.2	1	12/08/24 16:42	12/10/24 02:43	83-32-9	
Acenaphthylene	ND	ug/L	10	3.9	1	12/08/24 16:42	12/10/24 02:43	208-96-8	
Anthracene	ND	ug/L	10	3.9	1	12/08/24 16:42	12/10/24 02:43	120-12-7	
Benzo(a)anthracene	ND	ug/L	10	4.0	1	12/08/24 16:42	12/10/24 02:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	10	3.6	1	12/08/24 16:42	12/10/24 02:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10	3.9	1	12/08/24 16:42	12/10/24 02:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10	3.7	1	12/08/24 16:42	12/10/24 02:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10	3.6	1	12/08/24 16:42	12/10/24 02:43	207-08-9	
Chrysene	ND	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 02:43	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10	4.3	1	12/08/24 16:42	12/10/24 02:43	53-70-3	
Fluoranthene	ND	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 02:43	206-44-0	
Fluorene	ND	ug/L	10	3.2	1	12/08/24 16:42	12/10/24 02:43	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	4.0	1	12/08/24 16:42	12/10/24 02:43	193-39-5	
1-Methylnaphthalene	**29.6**	ug/L	10	3.7	1	12/08/24 16:42	12/10/24 02:43	90-12-0	
2-Methylnaphthalene	**52.1**	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 02:43	91-57-6	
Naphthalene	**479**	ug/L	10	3.1	1	12/08/24 16:42	12/10/24 02:43	91-20-3	
Phenanthrene	ND	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 02:43	85-01-8	
Pyrene	ND	ug/L	10	3.8	1	12/08/24 16:42	12/10/24 02:43	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	93	%	35-143		1	12/08/24 16:42	12/10/24 02:43	4165-60-0	
2-Fluorobiphenyl (S)	92	%	24-130		1	12/08/24 16:42	12/10/24 02:43	321-60-8	
Terphenyl-d14 (S)	105	%	21-142		1	12/08/24 16:42	12/10/24 02:43	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	10000	3640	100		12/13/24 05:41	75-85-4	M1
tert-Amylmethyl ether	ND	ug/L	1000	266	100		12/13/24 05:41	994-05-8	M1
Benzene	**122**	ug/L	100	34.5	100		12/13/24 05:41	71-43-2	M1
3,3-Dimethyl-1-Butanol	ND	ug/L	10000	5190	100		12/13/24 05:41	624-95-3	M1
tert-Butyl Alcohol	ND	ug/L	10000	2680	100		12/13/24 05:41	75-65-0	M1
tert-Butyl Formate	ND	ug/L	5000	2940	100		12/13/24 05:41	762-75-4	M1
1,2-Dichloroethane	ND	ug/L	100	32.2	100		12/13/24 05:41	107-06-2	M1
Diisopropyl ether	ND	ug/L	100	30.8	100		12/13/24 05:41	108-20-3	
Ethanol	ND	ug/L	20000	7220	100		12/13/24 05:41	64-17-5	M1
Ethylbenzene	**3810**	ug/L	100	30.4	100		12/13/24 05:41	100-41-4	M1

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-4 **Lab ID: 92767728006** Collected: 12/04/24 12:25 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	1000	324	100		12/13/24 05:41	637-92-3	M1
Methyl-tert-butyl ether	ND	ug/L	100	42.2	100		12/13/24 05:41	1634-04-4	M1
Naphthalene	**475**	ug/L	100	64.5	100		12/13/24 05:41	91-20-3	M1
Toluene	**25000**	ug/L	200	97.0	200		12/17/24 10:31	108-88-3	M1
Xylene (Total)	**23500**	ug/L	100	33.8	100		12/13/24 05:41	1330-20-7	MS
m&p-Xylene	**15300**	ug/L	200	70.9	100		12/13/24 05:41	179601-23-1	M1
o-Xylene	**8220**	ug/L	100	33.8	100		12/13/24 05:41	95-47-6	M1
Surrogates									
4-Bromofluorobenzene (S)	104	%	70-130		100		12/13/24 05:41	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130		100		12/13/24 05:41	17060-07-0	
Toluene-d8 (S)	103	%	70-130		100		12/13/24 05:41	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-3 **Lab ID: 92767728007** Collected: 12/04/24 13:05 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0079	1	12/10/24 16:24	12/11/24 05:49	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	118	%	60-140		1	12/10/24 16:24	12/11/24 05:49	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	**13.8**	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:31	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	3.3	1	12/08/24 16:42	12/10/24 03:09	83-32-9	
Acenaphthylene	ND	ug/L	10.0	3.9	1	12/08/24 16:42	12/10/24 03:09	208-96-8	
Anthracene	ND	ug/L	10.0	3.9	1	12/08/24 16:42	12/10/24 03:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	4.0	1	12/08/24 16:42	12/10/24 03:09	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	3.6	1	12/08/24 16:42	12/10/24 03:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	3.9	1	12/08/24 16:42	12/10/24 03:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	3.7	1	12/08/24 16:42	12/10/24 03:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	3.7	1	12/08/24 16:42	12/10/24 03:09	207-08-9	
Chrysene	ND	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 03:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	4.4	1	12/08/24 16:42	12/10/24 03:09	53-70-3	
Fluoranthene	ND	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 03:09	206-44-0	
Fluorene	ND	ug/L	10.0	3.2	1	12/08/24 16:42	12/10/24 03:09	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	4.1	1	12/08/24 16:42	12/10/24 03:09	193-39-5	
1-Methylnaphthalene	**28.4**	ug/L	10.0	3.7	1	12/08/24 16:42	12/10/24 03:09	90-12-0	
2-Methylnaphthalene	**56.2**	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 03:09	91-57-6	
Naphthalene	**410**	ug/L	10.0	3.2	1	12/08/24 16:42	12/10/24 03:09	91-20-3	
Phenanthrene	ND	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 03:09	85-01-8	
Pyrene	ND	ug/L	10.0	3.9	1	12/08/24 16:42	12/10/24 03:09	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	94	%	35-143		1	12/08/24 16:42	12/10/24 03:09	4165-60-0	
2-Fluorobiphenyl (S)	91	%	24-130		1	12/08/24 16:42	12/10/24 03:09	321-60-8	
Terphenyl-d14 (S)	104	%	21-142		1	12/08/24 16:42	12/10/24 03:09	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	20000	7280	200		12/13/24 06:36	75-85-4	
tert-Amylmethyl ether	ND	ug/L	2000	532	200		12/13/24 06:36	994-05-8	
Benzene	**1940**	ug/L	200	69.0	200		12/13/24 06:36	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	20000	10400	200		12/13/24 06:36	624-95-3	
tert-Butyl Alcohol	ND	ug/L	20000	5360	200		12/13/24 06:36	75-65-0	
tert-Butyl Formate	ND	ug/L	10000	5880	200		12/13/24 06:36	762-75-4	
1,2-Dichloroethane	ND	ug/L	200	64.4	200		12/13/24 06:36	107-06-2	
Diisopropyl ether	ND	ug/L	200	61.6	200		12/13/24 06:36	108-20-3	
Ethanol	ND	ug/L	40000	14400	200		12/13/24 06:36	64-17-5	
Ethylbenzene	**3790**	ug/L	200	60.8	200		12/13/24 06:36	100-41-4	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-3 **Lab ID: 92767728007** Collected: 12/04/24 13:05 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	2000	648	200		12/13/24 06:36	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	200	84.4	200		12/13/24 06:36	1634-04-4	
Naphthalene	**379**	ug/L	200	129	200		12/13/24 06:36	91-20-3	
Toluene	**43600**	ug/L	400	194	400		12/17/24 10:49	108-88-3	
Xylene (Total)	**22900**	ug/L	200	67.6	200		12/13/24 06:36	1330-20-7	
m&p-Xylene	**15000**	ug/L	400	142	200		12/13/24 06:36	179601-23-1	
o-Xylene	**7900**	ug/L	200	67.6	200		12/13/24 06:36	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	103	%	70-130		200		12/13/24 06:36	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130		200		12/13/24 06:36	17060-07-0	
Toluene-d8 (S)	102	%	70-130		200		12/13/24 06:36	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-2 **Lab ID: 92767728008** Collected: 12/04/24 11:45 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0081	1	12/10/24 16:24	12/11/24 06:00	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	98	%	60-140		1	12/10/24 16:24	12/11/24 06:00	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:35	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10	3.2	1	12/08/24 16:42	12/10/24 03:34	83-32-9	
Acenaphthylene	ND	ug/L	10	3.9	1	12/08/24 16:42	12/10/24 03:34	208-96-8	
Anthracene	ND	ug/L	10	3.9	1	12/08/24 16:42	12/10/24 03:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	10	4.0	1	12/08/24 16:42	12/10/24 03:34	56-55-3	
Benzo(a)pyrene	ND	ug/L	10	3.6	1	12/08/24 16:42	12/10/24 03:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10	3.9	1	12/08/24 16:42	12/10/24 03:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10	3.7	1	12/08/24 16:42	12/10/24 03:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10	3.6	1	12/08/24 16:42	12/10/24 03:34	207-08-9	
Chrysene	ND	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 03:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10	4.3	1	12/08/24 16:42	12/10/24 03:34	53-70-3	
Fluoranthene	ND	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 03:34	206-44-0	
Fluorene	ND	ug/L	10	3.2	1	12/08/24 16:42	12/10/24 03:34	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10	4.0	1	12/08/24 16:42	12/10/24 03:34	193-39-5	
1-Methylnaphthalene	ND	ug/L	10	3.7	1	12/08/24 16:42	12/10/24 03:34	90-12-0	
2-Methylnaphthalene	ND	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 03:34	91-57-6	
Naphthalene	ND	ug/L	10	3.1	1	12/08/24 16:42	12/10/24 03:34	91-20-3	
Phenanthrene	ND	ug/L	10	3.4	1	12/08/24 16:42	12/10/24 03:34	85-01-8	
Pyrene	ND	ug/L	10	3.8	1	12/08/24 16:42	12/10/24 03:34	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	95	%	35-143		1	12/08/24 16:42	12/10/24 03:34	4165-60-0	
2-Fluorobiphenyl (S)	82	%	24-130		1	12/08/24 16:42	12/10/24 03:34	321-60-8	
Terphenyl-d14 (S)	100	%	21-142		1	12/08/24 16:42	12/10/24 03:34	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/11/24 22:17	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/11/24 22:17	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		12/11/24 22:17	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/11/24 22:17	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/11/24 22:17	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/11/24 22:17	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		12/11/24 22:17	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/11/24 22:17	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/11/24 22:17	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		12/11/24 22:17	100-41-4	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: MW-2 **Lab ID: 92767728008** Collected: 12/04/24 11:45 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/11/24 22:17	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		12/11/24 22:17	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		12/11/24 22:17	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		12/11/24 22:17	108-88-3	
Xylene (Total)	**1.8**	ug/L	1.0	0.34	1		12/11/24 22:17	1330-20-7	
m&p-Xylene	**1.2J**	ug/L	2.0	0.71	1		12/11/24 22:17	179601-23-1	
o-Xylene	**0.58J**	ug/L	1.0	0.34	1		12/11/24 22:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	100	%	70-130		1		12/11/24 22:17	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		12/11/24 22:17	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		12/11/24 22:17	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: DUPLICATE **Lab ID: 92767728009** Collected: 12/04/24 00:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.022	0.0081	1	12/10/24 16:24	12/11/24 06:12	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	115	%	60-140		1	12/10/24 16:24	12/11/24 06:12	301-79-56	
6010 MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Asheville								
Lead	ND	ug/L	5.0	1.4	1	12/13/24 13:39	12/16/24 18:38	7439-92-1	
8270E PAH Low Volume	Analytical Method: EPA 8270E Preparation Method: EPA 3511 Pace Analytical Services - Charlotte								
Acenaphthene	ND	ug/L	10.0	3.2	1	12/08/24 16:42	12/10/24 04:00	83-32-9	
Acenaphthylene	ND	ug/L	10.0	3.9	1	12/08/24 16:42	12/10/24 04:00	208-96-8	
Anthracene	ND	ug/L	10.0	3.9	1	12/08/24 16:42	12/10/24 04:00	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	4.0	1	12/08/24 16:42	12/10/24 04:00	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	3.6	1	12/08/24 16:42	12/10/24 04:00	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	3.9	1	12/08/24 16:42	12/10/24 04:00	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	3.7	1	12/08/24 16:42	12/10/24 04:00	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	3.6	1	12/08/24 16:42	12/10/24 04:00	207-08-9	
Chrysene	ND	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 04:00	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	4.3	1	12/08/24 16:42	12/10/24 04:00	53-70-3	
Fluoranthene	ND	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 04:00	206-44-0	
Fluorene	ND	ug/L	10.0	3.2	1	12/08/24 16:42	12/10/24 04:00	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	4.0	1	12/08/24 16:42	12/10/24 04:00	193-39-5	
1-Methylnaphthalene	**15.8**	ug/L	10.0	3.7	1	12/08/24 16:42	12/10/24 04:00	90-12-0	
2-Methylnaphthalene	**25.4**	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 04:00	91-57-6	
Naphthalene	**248**	ug/L	10.0	3.2	1	12/08/24 16:42	12/10/24 04:00	91-20-3	
Phenanthrene	ND	ug/L	10.0	3.4	1	12/08/24 16:42	12/10/24 04:00	85-01-8	
Pyrene	ND	ug/L	10.0	3.8	1	12/08/24 16:42	12/10/24 04:00	129-00-0	
Surrogates									
Nitrobenzene-d5 (S)	102	%	35-143		1	12/08/24 16:42	12/10/24 04:00	4165-60-0	
2-Fluorobiphenyl (S)	97	%	24-130		1	12/08/24 16:42	12/10/24 04:00	321-60-8	
Terphenyl-d14 (S)	103	%	21-142		1	12/08/24 16:42	12/10/24 04:00	1718-51-0	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	5000	1820	50		12/12/24 07:04	75-85-4	
tert-Amylmethyl ether	ND	ug/L	500	133	50		12/12/24 07:04	994-05-8	
Benzene	**193**	ug/L	50.0	17.2	50		12/12/24 07:04	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	5000	2600	50		12/12/24 07:04	624-95-3	
tert-Butyl Alcohol	ND	ug/L	5000	1340	50		12/12/24 07:04	75-65-0	
tert-Butyl Formate	ND	ug/L	2500	1470	50		12/12/24 07:04	762-75-4	
1,2-Dichloroethane	ND	ug/L	50.0	16.1	50		12/12/24 07:04	107-06-2	
Diisopropyl ether	ND	ug/L	50.0	15.4	50		12/12/24 07:04	108-20-3	
Ethanol	ND	ug/L	10000	3610	50		12/12/24 07:04	64-17-5	
Ethylbenzene	**1770**	ug/L	50.0	15.2	50		12/12/24 07:04	100-41-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Sample: DUPLICATE **Lab ID: 92767728009** Collected: 12/04/24 00:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
Ethyl-tert-butyl ether	ND	ug/L	500	162	50		12/12/24 07:04	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	50.0	21.1	50		12/12/24 07:04	1634-04-4	
Naphthalene	**234**	ug/L	50.0	32.2	50		12/12/24 07:04	91-20-3	
Toluene	**4610**	ug/L	50.0	24.2	50		12/12/24 07:04	108-88-3	
Xylene (Total)	**10600**	ug/L	50.0	16.9	50		12/12/24 07:04	1330-20-7	
m&p-Xylene	**7050**	ug/L	100	35.4	50		12/12/24 07:04	179601-23-1	
o-Xylene	**3590**	ug/L	50.0	16.9	50		12/12/24 07:04	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		50		12/12/24 07:04	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130		50		12/12/24 07:04	17060-07-0	
Toluene-d8 (S)	100	%	70-130		50		12/12/24 07:04	2037-26-5	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 902520
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92767728002, 92767728003, 92767728004, 92767728005, 92767728006, 92767728007, 92767728008, 92767728009

METHOD BLANK: 4645116 Matrix: Water
Associated Lab Samples: 92767728002, 92767728003, 92767728004, 92767728005, 92767728006, 92767728007, 92767728008, 92767728009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lead	ug/L	ND	5.0	1.4	12/18/24 14:51	

LABORATORY CONTROL SAMPLE: 4645117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4645118 4645119

Parameter	Units	92767677001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	500	500	499	496	100	99	75-125	1	20	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 901422
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767728001, 92767728002, 92767728003, 92767728004

METHOD BLANK: 4639630 Matrix: Water
Associated Lab Samples: 92767728001, 92767728002, 92767728003, 92767728004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	0.32	12/10/24 14:02	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	12/10/24 14:02	
Benzene	ug/L	ND	1.0	0.34	12/10/24 14:02	
Diisopropyl ether	ug/L	ND	1.0	0.31	12/10/24 14:02	
Ethanol	ug/L	ND	200	72.2	12/10/24 14:02	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	12/10/24 14:02	
Ethylbenzene	ug/L	ND	1.0	0.30	12/10/24 14:02	
m&p-Xylene	ug/L	ND	2.0	0.71	12/10/24 14:02	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	12/10/24 14:02	
Naphthalene	ug/L	ND	1.0	0.64	12/10/24 14:02	
o-Xylene	ug/L	ND	1.0	0.34	12/10/24 14:02	
tert-Amyl Alcohol	ug/L	ND	100	36.4	12/10/24 14:02	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	12/10/24 14:02	
tert-Butyl Alcohol	ug/L	ND	100	26.8	12/10/24 14:02	
tert-Butyl Formate	ug/L	ND	50.0	29.4	12/10/24 14:02	
Toluene	ug/L	ND	1.0	0.48	12/10/24 14:02	
Xylene (Total)	ug/L	ND	1.0	0.34	12/10/24 14:02	
1,2-Dichloroethane-d4 (S)	%	98	70-130		12/10/24 14:02	
4-Bromofluorobenzene (S)	%	99	70-130		12/10/24 14:02	
Toluene-d8 (S)	%	102	70-130		12/10/24 14:02	

LABORATORY CONTROL SAMPLE: 4639631

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	21.2	106	70-130	
3,3-Dimethyl-1-Butanol	ug/L	400	380	95	70-130	
Benzene	ug/L	20	20.6	103	70-130	
Diisopropyl ether	ug/L	20	19.8	99	70-130	
Ethanol	ug/L	800	818	102	70-130	
Ethyl-tert-butyl ether	ug/L	40	38.4	96	70-130	
Ethylbenzene	ug/L	20	19.2	96	70-130	
m&p-Xylene	ug/L	40	38.5	96	70-130	
Methyl-tert-butyl ether	ug/L	20	19.8	99	70-130	
Naphthalene	ug/L	20	19.5	98	70-130	
o-Xylene	ug/L	20	19.8	99	70-130	
tert-Amyl Alcohol	ug/L	400	385	96	70-130	
tert-Amylmethyl ether	ug/L	40	38.3	96	70-130	
tert-Butyl Alcohol	ug/L	200	189	95	70-130	
tert-Butyl Formate	ug/L	160	167	104	70-130	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

LABORATORY CONTROL SAMPLE: 4639631

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	20	19.4	97	70-130	
Xylene (Total)	ug/L	60	58.3	97	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 4639632

Parameter	Units	92767728003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	20	27.4	137	70-137	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	425	106	39-157	v3
Benzene	ug/L	ND	20	28.5	143	70-151	
Diisopropyl ether	ug/L	ND	20	27.1	135	63-144	
Ethanol	ug/L	ND	800	1080	135	39-176	
Ethyl-tert-butyl ether	ug/L	ND	40	50.2	126	66-137	
Ethylbenzene	ug/L	ND	20	25.5	128	66-153	
m&p-Xylene	ug/L	ND	40	50.5	126	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	25.0	125	54-156	
Naphthalene	ug/L	ND	20	24.1	120	61-148	
o-Xylene	ug/L	ND	20	25.0	125	70-148	
tert-Amyl Alcohol	ug/L	ND	400	506	127	54-153	
tert-Amylmethyl ether	ug/L	ND	40	51.5	129	69-139	
tert-Butyl Alcohol	ug/L	ND	200	294	147	43-188	
tert-Butyl Formate	ug/L	ND	160	52.5	33	10-170	
Toluene	ug/L	ND	20	26.2	131	59-148	
Xylene (Total)	ug/L	ND	60	75.5	126	63-158	
1,2-Dichloroethane-d4 (S)	%				100	70-130	
4-Bromofluorobenzene (S)	%				103	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 4639633

Parameter	Units	92767728004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	ND	ND		30	
3,3-Dimethyl-1-Butanol	ug/L	ND	ND		30	v2
Benzene	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethanol	ug/L	ND	ND		30	
Ethyl-tert-butyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	0.91J	0.93J		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	0.37J	0.41J		30	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

SAMPLE DUPLICATE: 4639633

Parameter	Units	92767728004 Result	Dup Result	RPD	Max RPD	Qualifiers
tert-Amyl Alcohol	ug/L	ND	ND		30	
tert-Amylmethyl ether	ug/L	ND	ND		30	
tert-Butyl Alcohol	ug/L	ND	ND		30	
tert-Butyl Formate	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
Xylene (Total)	ug/L	1.3	ND		30	
1,2-Dichloroethane-d4 (S)	%	102	97			
4-Bromofluorobenzene (S)	%	98	102			
Toluene-d8 (S)	%	102	102			

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 901976
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92767728008

METHOD BLANK: 4642324 Matrix: Water
Associated Lab Samples: 92767728008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	0.32	12/11/24 15:09	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	12/11/24 15:09	
Benzene	ug/L	ND	1.0	0.34	12/11/24 15:09	
Diisopropyl ether	ug/L	ND	1.0	0.31	12/11/24 15:09	
Ethanol	ug/L	ND	200	72.2	12/11/24 15:09	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	12/11/24 15:09	
Ethylbenzene	ug/L	ND	1.0	0.30	12/11/24 15:09	
m&p-Xylene	ug/L	ND	2.0	0.71	12/11/24 15:09	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	12/11/24 15:09	
Naphthalene	ug/L	ND	1.0	0.64	12/11/24 15:09	
o-Xylene	ug/L	ND	1.0	0.34	12/11/24 15:09	
tert-Amyl Alcohol	ug/L	ND	100	36.4	12/11/24 15:09	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	12/11/24 15:09	
tert-Butyl Alcohol	ug/L	ND	100	26.8	12/11/24 15:09	
tert-Butyl Formate	ug/L	ND	50.0	29.4	12/11/24 15:09	
Toluene	ug/L	ND	1.0	0.48	12/11/24 15:09	
Xylene (Total)	ug/L	ND	1.0	0.34	12/11/24 15:09	
1,2-Dichloroethane-d4 (S)	%	101	70-130		12/11/24 15:09	
4-Bromofluorobenzene (S)	%	99	70-130		12/11/24 15:09	
Toluene-d8 (S)	%	102	70-130		12/11/24 15:09	

LABORATORY CONTROL SAMPLE: 4642325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	22.1	111	70-130	
3,3-Dimethyl-1-Butanol	ug/L	400	376	94	70-130	
Benzene	ug/L	20	22.0	110	70-130	
Diisopropyl ether	ug/L	20	20.7	103	70-130	
Ethanol	ug/L	800	746	93	70-130	
Ethyl-tert-butyl ether	ug/L	40	39.2	98	70-130	
Ethylbenzene	ug/L	20	21.0	105	70-130	
m&p-Xylene	ug/L	40	41.9	105	70-130	
Methyl-tert-butyl ether	ug/L	20	20.3	101	70-130	
Naphthalene	ug/L	20	20.1	100	70-130	
o-Xylene	ug/L	20	21.1	105	70-130	
tert-Amyl Alcohol	ug/L	400	374	94	70-130	
tert-Amylmethyl ether	ug/L	40	40.4	101	70-130	
tert-Butyl Alcohol	ug/L	200	180	90	70-130	
tert-Butyl Formate	ug/L	160	168	105	70-130	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

LABORATORY CONTROL SAMPLE: 4642325

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	20	21.1	105	70-130	
Xylene (Total)	ug/L	60	63.0	105	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4642326 4642327

Parameter	Units	92768049019 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	21.7	22.2	109	111	70-137	2	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	273	307	68	77	39-157	12	30	
Benzene	ug/L	ND	20	20	23.2	23.1	116	115	70-151	0	30	
Diisopropyl ether	ug/L	4.5	20	20	25.5	25.5	105	105	63-144	0	30	
Ethanol	ug/L	ND	800	800	949	1050	119	131	39-176	10	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	42.6	41.5	106	104	66-137	2	30	
Ethylbenzene	ug/L	ND	20	20	21.9	22.6	110	113	66-153	3	30	
m&p-Xylene	ug/L	ND	40	40	43.1	44.7	108	112	69-152	4	30	
Methyl-tert-butyl ether	ug/L	144	20	20	136	138	-37	-29	54-156	1	30	M1
Naphthalene	ug/L	ND	20	20	22.7	23.2	113	116	61-148	2	30	
o-Xylene	ug/L	ND	20	20	22.1	23.1	111	116	70-148	4	30	
tert-Amyl Alcohol	ug/L	122	400	400	515	509	98	97	54-153	1	30	
tert-Amylmethyl ether	ug/L	ND	40	40	41.7	42.7	104	107	69-139	2	30	
tert-Butyl Alcohol	ug/L	ND	200	200	257	262	85	88	43-188	2	30	
tert-Butyl Formate	ug/L	ND	160	160	ND	ND	14	10	10-170		30	
Toluene	ug/L	ND	20	20	22.4	22.4	112	112	59-148	0	30	
Xylene (Total)	ug/L	ND	60	60	65.2	67.8	109	113	63-158	4	30	
1,2-Dichloroethane-d4 (S)	%						99	98	70-130			
4-Bromofluorobenzene (S)	%						97	99	70-130			
Toluene-d8 (S)	%						99	97	70-130			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 901977
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767728005, 92767728009

METHOD BLANK: 4642352 Matrix: Water
Associated Lab Samples: 92767728005, 92767728009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	0.32	12/12/24 02:14	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	12/12/24 02:14	
Benzene	ug/L	ND	1.0	0.34	12/12/24 02:14	
Diisopropyl ether	ug/L	ND	1.0	0.31	12/12/24 02:14	
Ethanol	ug/L	ND	200	72.2	12/12/24 02:14	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	12/12/24 02:14	
Ethylbenzene	ug/L	ND	1.0	0.30	12/12/24 02:14	
m&p-Xylene	ug/L	ND	2.0	0.71	12/12/24 02:14	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	12/12/24 02:14	
Naphthalene	ug/L	ND	1.0	0.64	12/12/24 02:14	
o-Xylene	ug/L	ND	1.0	0.34	12/12/24 02:14	
tert-Amyl Alcohol	ug/L	ND	100	36.4	12/12/24 02:14	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	12/12/24 02:14	
tert-Butyl Alcohol	ug/L	ND	100	26.8	12/12/24 02:14	
tert-Butyl Formate	ug/L	ND	50.0	29.4	12/12/24 02:14	
Toluene	ug/L	ND	1.0	0.48	12/12/24 02:14	
Xylene (Total)	ug/L	ND	1.0	0.34	12/12/24 02:14	
1,2-Dichloroethane-d4 (S)	%	98	70-130		12/12/24 02:14	
4-Bromofluorobenzene (S)	%	96	70-130		12/12/24 02:14	
Toluene-d8 (S)	%	98	70-130		12/12/24 02:14	

LABORATORY CONTROL SAMPLE: 4642353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	19.9	99	70-130	
3,3-Dimethyl-1-Butanol	ug/L	400	361	90	70-130	
Benzene	ug/L	20	20.6	103	70-130	
Diisopropyl ether	ug/L	20	18.5	93	70-130	
Ethanol	ug/L	800	816	102	70-130	
Ethyl-tert-butyl ether	ug/L	40	37.1	93	70-130	
Ethylbenzene	ug/L	20	19.3	97	70-130	
m&p-Xylene	ug/L	40	39.4	99	70-130	
Methyl-tert-butyl ether	ug/L	20	19.5	97	70-130	
Naphthalene	ug/L	20	20.5	102	70-130	
o-Xylene	ug/L	20	19.9	99	70-130	
tert-Amyl Alcohol	ug/L	400	394	98	70-130	
tert-Amylmethyl ether	ug/L	40	38.1	95	70-130	
tert-Butyl Alcohol	ug/L	200	185	93	70-130	
tert-Butyl Formate	ug/L	160	141	88	70-130	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

LABORATORY CONTROL SAMPLE: 4642353

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	20	19.1	96	70-130	
Xylene (Total)	ug/L	60	59.3	99	70-130	
1,2-Dichloroethane-d4 (S)	%			102	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4642354 4642355

Parameter	Units	92768096024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	20.4	20.2	102	101	70-137	1	30	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	358	377	89	94	39-157	5	30	
Benzene	ug/L	ND	20	20	21.2	21.6	106	108	70-151	2	30	
Diisopropyl ether	ug/L	ND	20	20	19.0	19.3	95	96	63-144	2	30	
Ethanol	ug/L	ND	800	800	833	833	104	104	39-176	0	30	
Ethyl-tert-butyl ether	ug/L	ND	40	40	37.3	38.3	93	96	66-137	3	30	
Ethylbenzene	ug/L	ND	20	20	19.9	20.6	100	103	66-153	3	30	
m&p-Xylene	ug/L	ND	40	40	40.4	41.9	101	105	69-152	3	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	19.3	20.1	97	100	54-156	4	30	
Naphthalene	ug/L	ND	20	20	20.6	21.2	103	106	61-148	3	30	
o-Xylene	ug/L	ND	20	20	20.2	21.1	101	105	70-148	4	30	
tert-Amyl Alcohol	ug/L	ND	400	400	381	393	95	98	54-153	3	30	
tert-Amylmethyl ether	ug/L	ND	40	40	37.1	38.7	93	97	69-139	4	30	
tert-Butyl Alcohol	ug/L	ND	200	200	208	224	104	112	43-188	8	30	
tert-Butyl Formate	ug/L	ND	160	160	69.5	55.9	43	35	10-170	22	30	v3
Toluene	ug/L	ND	20	20	19.7	20.2	99	101	59-148	2	30	
Xylene (Total)	ug/L	ND	60	60	60.7	63.0	101	105	63-158	4	30	
1,2-Dichloroethane-d4 (S)	%						102	102	70-130			
4-Bromofluorobenzene (S)	%						100	100	70-130			
Toluene-d8 (S)	%						98	98	70-130			

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 902288
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767728006, 92767728007

METHOD BLANK: 4643902 Matrix: Water
Associated Lab Samples: 92767728006, 92767728007

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	0.32	12/13/24 04:47	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	12/13/24 04:47	
Benzene	ug/L	ND	1.0	0.34	12/13/24 04:47	
Diisopropyl ether	ug/L	ND	1.0	0.31	12/13/24 04:47	
Ethanol	ug/L	ND	200	72.2	12/13/24 04:47	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	12/13/24 04:47	
Ethylbenzene	ug/L	ND	1.0	0.30	12/13/24 04:47	
m&p-Xylene	ug/L	ND	2.0	0.71	12/13/24 04:47	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	12/13/24 04:47	
Naphthalene	ug/L	ND	1.0	0.64	12/13/24 04:47	
o-Xylene	ug/L	ND	1.0	0.34	12/13/24 04:47	
tert-Amyl Alcohol	ug/L	ND	100	36.4	12/13/24 04:47	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	12/13/24 04:47	
tert-Butyl Alcohol	ug/L	ND	100	26.8	12/13/24 04:47	
tert-Butyl Formate	ug/L	ND	50.0	29.4	12/13/24 04:47	
Toluene	ug/L	ND	1.0	0.48	12/13/24 04:47	
Xylene (Total)	ug/L	ND	1.0	0.34	12/13/24 04:47	
1,2-Dichloroethane-d4 (S)	%	111	70-130		12/13/24 04:47	
4-Bromofluorobenzene (S)	%	99	70-130		12/13/24 04:47	
Toluene-d8 (S)	%	102	70-130		12/13/24 04:47	

LABORATORY CONTROL SAMPLE: 4643903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	23.5	117	70-130	
3,3-Dimethyl-1-Butanol	ug/L	400	438	110	70-130	
Benzene	ug/L	20	23.2	116	70-130	
Diisopropyl ether	ug/L	20	22.8	114	70-130	
Ethanol	ug/L	800	1010	127	70-130	
Ethyl-tert-butyl ether	ug/L	40	44.4	111	70-130	
Ethylbenzene	ug/L	20	21.4	107	70-130	
m&p-Xylene	ug/L	40	43.3	108	70-130	
Methyl-tert-butyl ether	ug/L	20	21.5	107	70-130	
Naphthalene	ug/L	20	21.7	109	70-130	
o-Xylene	ug/L	20	22.4	112	70-130	
tert-Amyl Alcohol	ug/L	400	448	112	70-130	
tert-Amylmethyl ether	ug/L	40	42.6	107	70-130	
tert-Butyl Alcohol	ug/L	200	242	121	70-130	
tert-Butyl Formate	ug/L	160	163	102	70-130	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

LABORATORY CONTROL SAMPLE: 4643903

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	20	21.6	108	70-130	
Xylene (Total)	ug/L	60	65.7	110	70-130	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4643904 4643905

Parameter	Units	92767728006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloroethane	ug/L	ND	20	20	ND	ND	0	0	70-137		30	M1
3,3-Dimethyl-1-Butanol	ug/L	ND	400	400	13500J	ND	3370	0	39-157		30	M1
Benzene	ug/L	122	20	20	151J	86.2J	146	-177	70-151		30	M1
Diisopropyl ether	ug/L	ND	20	20	ND	ND	137	143	63-144		30	
Ethanol	ug/L	ND	800	800	ND	ND	0	0	39-176		30	M1
Ethyl-tert-butyl ether	ug/L	ND	40	40	ND	ND	0	0	66-137		30	M1
Ethylbenzene	ug/L	3810	20	20	4560	4750	3750	4700	66-153	4	30	M1
m&p-Xylene	ug/L	15300	40	40	17600	18500	5750	8030	69-152	5	30	M1
Methyl-tert-butyl ether	ug/L	ND	20	20	ND	ND	0	0	54-156		30	M1
Naphthalene	ug/L	475	20	20	513	538	190	319	61-148	5	30	M1
o-Xylene	ug/L	8220	20	20	9190	9690	4820	7330	70-148	5	30	M1
tert-Amyl Alcohol	ug/L	ND	400	400	ND	13000J	0	3250	54-153		30	M1
tert-Amylmethyl ether	ug/L	ND	40	40	ND	ND	0	0	69-139		30	M1
tert-Butyl Alcohol	ug/L	ND	200	200	11300J	11300J	5670	5670	43-188		30	M1
tert-Butyl Formate	ug/L	ND	160	160	ND	ND	2390	2400	10-170		30	M1
Toluene	ug/L	25000	20	20	27400	27500	11700	12700	59-148	1	30	M1
Xylene (Total)	ug/L	23500	60	60	26800	28200	5440	7800	63-158	5	30	MS
1,2-Dichloroethane-d4 (S)	%						104	112	70-130			
4-Bromofluorobenzene (S)	%						101	103	70-130			
Toluene-d8 (S)	%						101	99	70-130			

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 901589
QC Batch Method: EPA 8011
Analysis Method: EPA 8011
Analysis Description: GCS 8011 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767728002, 92767728003, 92767728004, 92767728005, 92767728006, 92767728007, 92767728008, 92767728009

METHOD BLANK: 4640278 Matrix: Water
Associated Lab Samples: 92767728002, 92767728003, 92767728004, 92767728005, 92767728006, 92767728007, 92767728008, 92767728009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.021	0.0079	12/11/24 03:10	
1-Chloro-2-bromopropane (S)	%	93	60-140		12/11/24 03:10	

LABORATORY CONTROL SAMPLE & LCSD: 4640279 4640280

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.27	0.29	0.29	106	108	60-140	0	20	
1-Chloro-2-bromopropane (S)	%				105	106	60-140			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4640281 4640282

Parameter	Units	92766704008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.26	0.26	0.29	0.29	114	113	60-140	1	20	
1-Chloro-2-bromopropane (S)	%						108	106	60-140			

SAMPLE DUPLICATE: 4640283

Parameter	Units	92766704010 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	104	111			

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 901125
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E
Analysis Description: 8270E PAH Low Volume
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92767728002

METHOD BLANK: 4638494 Matrix: Water
Associated Lab Samples: 92767728002

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	3.7	12/09/24 11:48	
2-Methylnaphthalene	ug/L	ND	10.0	3.4	12/09/24 11:48	
Acenaphthene	ug/L	ND	10.0	3.2	12/09/24 11:48	
Acenaphthylene	ug/L	ND	10.0	3.9	12/09/24 11:48	
Anthracene	ug/L	ND	10.0	3.9	12/09/24 11:48	
Benzo(a)anthracene	ug/L	ND	10.0	4.0	12/09/24 11:48	
Benzo(a)pyrene	ug/L	ND	10.0	3.6	12/09/24 11:48	
Benzo(b)fluoranthene	ug/L	ND	10.0	3.9	12/09/24 11:48	
Benzo(g,h,i)perylene	ug/L	ND	10.0	3.7	12/09/24 11:48	
Benzo(k)fluoranthene	ug/L	ND	10.0	3.6	12/09/24 11:48	
Chrysene	ug/L	ND	10.0	3.4	12/09/24 11:48	
Dibenz(a,h)anthracene	ug/L	ND	10.0	4.3	12/09/24 11:48	
Fluoranthene	ug/L	ND	10.0	3.4	12/09/24 11:48	
Fluorene	ug/L	ND	10.0	3.2	12/09/24 11:48	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	4.0	12/09/24 11:48	
Naphthalene	ug/L	ND	10.0	3.2	12/09/24 11:48	
Phenanthrene	ug/L	ND	10.0	3.4	12/09/24 11:48	
Pyrene	ug/L	ND	10.0	3.8	12/09/24 11:48	
2-Fluorobiphenyl (S)	%	93	24-130		12/09/24 11:48	
Nitrobenzene-d5 (S)	%	105	35-143		12/09/24 11:48	
Terphenyl-d14 (S)	%	104	21-142		12/09/24 11:48	

LABORATORY CONTROL SAMPLE: 4638495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	62.5	63.3	101	70-130	
2-Methylnaphthalene	ug/L	62.5	61.0	98	70-130	
Acenaphthene	ug/L	62.5	62.0	99	70-130	
Acenaphthylene	ug/L	62.5	62.6	100	70-130	
Anthracene	ug/L	62.5	63.0	101	70-130	
Benzo(a)anthracene	ug/L	62.5	60.9	97	70-130	
Benzo(a)pyrene	ug/L	62.5	64.5	103	70-130	
Benzo(b)fluoranthene	ug/L	62.5	60.6	97	70-130	
Benzo(g,h,i)perylene	ug/L	62.5	63.7	102	70-130	
Benzo(k)fluoranthene	ug/L	62.5	69.3	111	70-130	
Chrysene	ug/L	62.5	64.3	103	70-130	
Dibenz(a,h)anthracene	ug/L	62.5	62.6	100	70-130	
Fluoranthene	ug/L	62.5	60.9	98	70-130	
Fluorene	ug/L	62.5	62.8	100	70-130	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

LABORATORY CONTROL SAMPLE: 4638495

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	62.5	61.2	98	70-130	
Naphthalene	ug/L	62.5	61.7	99	70-130	
Phenanthrene	ug/L	62.5	64.3	103	70-130	
Pyrene	ug/L	62.5	64.2	103	70-130	
2-Fluorobiphenyl (S)	%			92	24-130	
Nitrobenzene-d5 (S)	%			99	35-143	
Terphenyl-d14 (S)	%			91	21-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4638496 4638497

Parameter	Units	92767728002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	ND	126	121	111	114	88	95	44-141	3	30	
2-Methylnaphthalene	ug/L	ND	126	121	110	111	87	92	42-139	1	30	
Acenaphthene	ug/L	ND	126	121	119	118	94	98	51-140	1	30	
Acenaphthylene	ug/L	ND	126	121	118	117	94	97	50-139	1	30	
Anthracene	ug/L	ND	126	121	117	119	93	98	53-136	1	30	
Benzo(a)anthracene	ug/L	ND	126	121	115	114	91	95	51-137	1	30	
Benzo(a)pyrene	ug/L	ND	126	121	125	122	99	101	50-141	3	30	
Benzo(b)fluoranthene	ug/L	ND	126	121	118	117	93	97	48-139	0	30	
Benzo(g,h,i)perylene	ug/L	ND	126	121	107	104	84	86	46-148	2	30	
Benzo(k)fluoranthene	ug/L	ND	126	121	139	135	110	112	48-151	3	30	
Chrysene	ug/L	ND	126	121	128	123	102	102	53-147	4	30	
Dibenz(a,h)anthracene	ug/L	ND	126	121	95.1	100	75	83	45-141	5	30	
Fluoranthene	ug/L	ND	126	121	107	106	84	87	50-139	1	30	
Fluorene	ug/L	ND	126	121	116	113	92	93	51-144	3	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	126	121	102	100	81	83	46-139	2	30	
Naphthalene	ug/L	ND	126	121	111	110	88	91	31-136	1	30	
Phenanthrene	ug/L	ND	126	121	118	115	93	95	52-142	2	30	
Pyrene	ug/L	ND	126	121	138	136	110	113	50-148	1	30	
2-Fluorobiphenyl (S)	%						97	96	24-130			
Nitrobenzene-d5 (S)	%						95	96	35-143			
Terphenyl-d14 (S)	%						102	98	21-142			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

QC Batch: 901126
QC Batch Method: EPA 3511
Analysis Method: EPA 8270E
Analysis Description: 8270E PAH Low Volume
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767728003, 92767728004, 92767728005, 92767728006, 92767728007, 92767728008, 92767728009

METHOD BLANK: 4638498 Matrix: Water
Associated Lab Samples: 92767728003, 92767728004, 92767728005, 92767728006, 92767728007, 92767728008, 92767728009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	ND	10.0	3.7	12/09/24 15:18	
2-Methylnaphthalene	ug/L	ND	10.0	3.4	12/09/24 15:18	
Acenaphthene	ug/L	ND	10.0	3.2	12/09/24 15:18	
Acenaphthylene	ug/L	ND	10.0	3.9	12/09/24 15:18	
Anthracene	ug/L	ND	10.0	3.9	12/09/24 15:18	
Benzo(a)anthracene	ug/L	ND	10.0	4.0	12/09/24 15:18	
Benzo(a)pyrene	ug/L	ND	10.0	3.6	12/09/24 15:18	
Benzo(b)fluoranthene	ug/L	ND	10.0	3.9	12/09/24 15:18	
Benzo(g,h,i)perylene	ug/L	ND	10.0	3.7	12/09/24 15:18	
Benzo(k)fluoranthene	ug/L	ND	10.0	3.6	12/09/24 15:18	
Chrysene	ug/L	ND	10.0	3.4	12/09/24 15:18	
Dibenz(a,h)anthracene	ug/L	ND	10.0	4.3	12/09/24 15:18	
Fluoranthene	ug/L	ND	10.0	3.4	12/09/24 15:18	
Fluorene	ug/L	ND	10.0	3.2	12/09/24 15:18	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	4.0	12/09/24 15:18	
Naphthalene	ug/L	ND	10.0	3.2	12/09/24 15:18	
Phenanthrene	ug/L	ND	10.0	3.4	12/09/24 15:18	
Pyrene	ug/L	ND	10.0	3.8	12/09/24 15:18	
2-Fluorobiphenyl (S)	%	85	24-130		12/09/24 15:18	
Nitrobenzene-d5 (S)	%	93	35-143		12/09/24 15:18	
Terphenyl-d14 (S)	%	99	21-142		12/09/24 15:18	

LABORATORY CONTROL SAMPLE: 4638499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	62.5	55.2	88	70-130	
2-Methylnaphthalene	ug/L	62.5	53.1	85	70-130	
Acenaphthene	ug/L	62.5	57.3	92	70-130	
Acenaphthylene	ug/L	62.5	57.4	92	70-130	
Anthracene	ug/L	62.5	56.5	90	70-130	
Benzo(a)anthracene	ug/L	62.5	54.8	88	70-130	
Benzo(a)pyrene	ug/L	62.5	59.9	96	70-130	
Benzo(b)fluoranthene	ug/L	62.5	57.5	92	70-130	
Benzo(g,h,i)perylene	ug/L	62.5	54.7	88	70-130	
Benzo(k)fluoranthene	ug/L	62.5	66.1	106	70-130	
Chrysene	ug/L	62.5	58.4	93	70-130	
Dibenz(a,h)anthracene	ug/L	62.5	51.9	83	70-130	
Fluoranthene	ug/L	62.5	53.0	85	70-130	
Fluorene	ug/L	62.5	55.8	89	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

LABORATORY CONTROL SAMPLE: 4638499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Indeno(1,2,3-cd)pyrene	ug/L	62.5	54.1	87	70-130	
Naphthalene	ug/L	62.5	53.6	86	70-130	
Phenanthrene	ug/L	62.5	55.3	89	70-130	
Pyrene	ug/L	62.5	61.3	98	70-130	
2-Fluorobiphenyl (S)	%			106	24-130	
Nitrobenzene-d5 (S)	%			110	35-143	
Terphenyl-d14 (S)	%			106	21-142	

MATRIX SPIKE SAMPLE: 4638500

Parameter	Units	92767728003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	ND	62	59.7	96	44-141	
2-Methylnaphthalene	ug/L	ND	62	58.8	95	42-139	
Acenaphthene	ug/L	ND	62	58.5	94	51-140	
Acenaphthylene	ug/L	ND	62	60.2	97	50-139	
Anthracene	ug/L	ND	62	58.2	94	53-136	
Benzo(a)anthracene	ug/L	ND	62	57.3	92	51-137	
Benzo(a)pyrene	ug/L	ND	62	59.6	96	50-141	
Benzo(b)fluoranthene	ug/L	ND	62	58.2	94	48-139	
Benzo(g,h,i)perylene	ug/L	ND	62	55.0	89	46-148	
Benzo(k)fluoranthene	ug/L	ND	62	64.1	103	48-151	
Chrysene	ug/L	ND	62	60.0	97	53-147	
Dibenz(a,h)anthracene	ug/L	ND	62	53.9	87	45-141	
Fluoranthene	ug/L	ND	62	54.2	87	50-139	
Fluorene	ug/L	ND	62	59.1	95	51-144	
Indeno(1,2,3-cd)pyrene	ug/L	ND	62	54.7	88	46-139	
Naphthalene	ug/L	ND	62	57.6	93	31-136	
Phenanthrene	ug/L	ND	62	58.9	95	52-142	
Pyrene	ug/L	ND	62	62.7	101	50-148	
2-Fluorobiphenyl (S)	%				97	24-130	
Nitrobenzene-d5 (S)	%				98	35-143	
Terphenyl-d14 (S)	%				98	21-142	

SAMPLE DUPLICATE: 4638501

Parameter	Units	92767728004 Result	Dup Result	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	ND	ND		30	
2-Methylnaphthalene	ug/L	ND	ND		30	
Acenaphthene	ug/L	ND	ND		30	
Acenaphthylene	ug/L	ND	ND		30	
Anthracene	ug/L	ND	ND		30	
Benzo(a)anthracene	ug/L	ND	ND		30	
Benzo(a)pyrene	ug/L	ND	ND		30	
Benzo(b)fluoranthene	ug/L	ND	ND		30	

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(704)875-9092

QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

SAMPLE DUPLICATE: 4638501

Parameter	Units	92767728004 Result	Dup Result	RPD	Max RPD	Qualifiers
Benzo(g,h,i)perylene	ug/L	ND	ND		30	
Benzo(k)fluoranthene	ug/L	ND	ND		30	
Chrysene	ug/L	ND	ND		30	
Dibenz(a,h)anthracene	ug/L	ND	ND		30	
Fluoranthene	ug/L	ND	ND		30	
Fluorene	ug/L	ND	ND		30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
Phenanthrene	ug/L	ND	ND		30	
Pyrene	ug/L	ND	ND		30	
2-Fluorobiphenyl (S)	%	85	84			
Nitrobenzene-d5 (S)	%	99	101			
Terphenyl-d14 (S)	%	98	90			

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ONE STOP MARINA 1872
Pace Project No.: 92767728

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92767728002	**FB-1**	EPA 8011	901589	EPA 8011	901699
92767728003	**SW-1**	EPA 8011	901589	EPA 8011	901699
92767728004	**SW-2**	EPA 8011	901589	EPA 8011	901699
92767728005	**MW-1**	EPA 8011	901589	EPA 8011	901699
92767728006	**MW-4**	EPA 8011	901589	EPA 8011	901699
92767728007	**MW-3**	EPA 8011	901589	EPA 8011	901699
92767728008	**MW-2**	EPA 8011	901589	EPA 8011	901699
92767728009	**DUPLICATE**	EPA 8011	901589	EPA 8011	901699
92767728002	**FB-1**	EPA 3010A	902520	EPA 6010D	902670
92767728003	**SW-1**	EPA 3010A	902520	EPA 6010D	902670
92767728004	**SW-2**	EPA 3010A	902520	EPA 6010D	902670
92767728005	**MW-1**	EPA 3010A	902520	EPA 6010D	902670
92767728006	**MW-4**	EPA 3010A	902520	EPA 6010D	902670
92767728007	**MW-3**	EPA 3010A	902520	EPA 6010D	902670
92767728008	**MW-2**	EPA 3010A	902520	EPA 6010D	902670
92767728009	**DUPLICATE**	EPA 3010A	902520	EPA 6010D	902670
92767728002	**FB-1**	EPA 3511	901125	EPA 8270E	901246
92767728003	**SW-1**	EPA 3511	901126	EPA 8270E	901316
92767728004	**SW-2**	EPA 3511	901126	EPA 8270E	901316
92767728005	**MW-1**	EPA 3511	901126	EPA 8270E	901316
92767728006	**MW-4**	EPA 3511	901126	EPA 8270E	901316
92767728007	**MW-3**	EPA 3511	901126	EPA 8270E	901316
92767728008	**MW-2**	EPA 3511	901126	EPA 8270E	901316
92767728009	**DUPLICATE**	EPA 3511	901126	EPA 8270E	901316
92767728001	**TB-1**	EPA 8260D	901422		
92767728002	**FB-1**	EPA 8260D	901422		
92767728003	**SW-1**	EPA 8260D	901422		
92767728004	**SW-2**	EPA 8260D	901422		
92767728005	**MW-1**	EPA 8260D	901977		
92767728006	**MW-4**	EPA 8260D	902288		
92767728007	**MW-3**	EPA 8260D	902288		
92767728008	**MW-2**	EPA 8260D	901976		
92767728009	**DUPLICATE**	EPA 8260D	901977		

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DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☒ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Enviro South

Project #: **WO# : 92767728**

92767728

Courier: ☐ Commercial ☒ Pace ☐ Fed Ex ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☐ No ☒ N/A

Date/Initials Person Examining Contents: MM 12/6/24

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer: ☒ IR Gun ID: 93T090

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 3.3 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.3

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: DW	☒ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

WO#: 92767728

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

PM: MWB Due Date: 12/17/24
CLIENT: 92-ENVIROSOU

Laboratory Receiving Location: Asheville [X] Eden [ ] Greenwood [ ] Huntersville [ ] Raleigh [ ] Mechanicsville [ ] Atlanta [ ] Kernersville [ ]

Client Envirosouth (Profile/EZ (Circle one)) 4494-3 Notes Title - One Stop Marina MW

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC							AS										CH											CH		
1							*										2													
2							1										6											2		
3							1										6											2		
4							1										6											2		
5							1										6											2		
6							1										6											2		
7							1										6											2		
8							1										6											2		
9							1										6											2		
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of

Section A Required Client Information:		Section B Required Project Information:	Section C Invoice Information:	
Company: EnviroSouth		Report To:	Attention:	
Address:		Copy To:	Company Name:	
			Address:	Regulatory Agency
Email To:		Purchase Order #:	Pace Quote:	
Phone:	Fax:	Project Name: One Stop Marina	Pace Project Manager:	State / Location
Requested Due Date:		Project Number: 1872	Pace Profile #:	

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	BTEX MN 2,1,2-DCA	Oxygenates	EDB (801)	PAHs (8270)	Lead	Residual Chlorine (Y/N)
1	TB-1	WT	G	12/4	800				2										X	X				
2	FB-1	WT	G	12/4	900				9										X	X	X	X	X	
3	SW-1	WT	G	12/4	1000				9										X	X	X	X	X	
4	SW-2	WT	G	12/4	1015				9										X	X	X	X	X	
5	MW-1	WT	G	12/4	1100				9										X	X	X	X	X	
6	MW-2	WT	G	12/4	1225				9										X	X	X	X	X	
7	MW-3	WT	G	12/4	1305				9										X	X	X	X	X	
8	MW-4	WT	G	12/4	1145				9										X	X	X	X	X	
9	Duplicate	WT	G	12/4	-				9										X	X	X	X	X	
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		12/4/24	0945		12/4/24	0945				
		12/4/24	1430	Michael Martin AVL	12/6/24	1430	3.3	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Trevor Hudson

SIGNATURE of SAMPLER: [signature]

DATE Signed:

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

December 13, 2024

Tom Donn
EnviroSouth, Inc.
3440 Augusta Rd.
Greenville, SC 29605

RE: Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Dear Tom Donn:

Enclosed are the analytical results for sample(s) received by the laboratory on December 06, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matthew Brainard

Matthew Brainard
matthew.brainard@pacelabs.com
704-977-0942
Project Manager

Enclosures

cc: Beth Dalke, EnviroSouth
Trevor Hudson, Envirosouth
Jennifer Lezcano, EnviroSouth
William Lyons, EnviroSouth
Allen Meadows, EnviroSouth
Keigan Mennetti, EnviroSouth

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CERTIFICATIONS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92767720001	**WSW-TRIP**	Water	12/04/24 09:30	12/06/24 09:45
92767720002	**WSW-BLANK**	Water	12/04/24 09:45	12/06/24 09:45
92767720003	**WSW-1**	Water	12/04/24 10:45	12/06/24 09:45
92767720004	**WSW-DUPLICATE**	Water	12/04/24 00:00	12/06/24 09:45

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SAMPLE ANALYTE COUNT

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92767720001	**WSW-TRIP**	EPA 524.2	JN	11	PASI-C
		EPA 8260D	JN	20	PASI-C
92767720002	**WSW-BLANK**	EPA 504.1	HH	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	JN	11	PASI-C
92767720003	**WSW-1**	EPA 504.1	HH	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	JN	11	PASI-C
92767720004	**WSW-DUPLICATE**	EPA 504.1	HH	2	PASI-C
		EPA 524.2	LMB	11	PASI-C
		EPA 8260D	JN	11	PASI-C

PASI-C = Pace Analytical Services - Charlotte

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Sample: WSW-TRIP **Lab ID: 92767720001** Collected: 12/04/24 09:30 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	mg/L	0.00050	0.00021	1		12/12/24 18:26	71-43-2	
1,2-Dichloroethane	ND	mg/L	0.00050	0.00016	1		12/12/24 18:26	107-06-2	
Ethylbenzene	ND	mg/L	0.00050	0.00022	1		12/12/24 18:26	100-41-4	
Methyl-tert-butyl ether	ND	mg/L	0.00050	0.00014	1		12/12/24 18:26	1634-04-4	
Naphthalene	ND	mg/L	0.00050	0.00035	1		12/12/24 18:26	91-20-3	
Toluene	ND	mg/L	0.00050	0.00020	1		12/12/24 18:26	108-88-3	
Xylene (Total)	ND	mg/L	0.00050	0.00022	1		12/12/24 18:26	1330-20-7	
m&p-Xylene	ND	mg/L	0.0010	0.00039	1		12/12/24 18:26	179601-23-1	
o-Xylene	ND	mg/L	0.00050	0.00022	1		12/12/24 18:26	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	98	%	70-130		1		12/12/24 18:26	2199-69-1	
4-Bromofluorobenzene (S)	96	%	70-130		1		12/12/24 18:26	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 18:11	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 18:11	994-05-8	
Benzene	ND	ug/L	1.0	0.34	1		12/10/24 18:11	71-43-2	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 18:11	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 18:11	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 18:11	762-75-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.32	1		12/10/24 18:11	107-06-2	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 18:11	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 18:11	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		12/10/24 18:11	100-41-4	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 18:11	637-92-3	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.42	1		12/10/24 18:11	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.64	1		12/10/24 18:11	91-20-3	
Toluene	ND	ug/L	1.0	0.48	1		12/10/24 18:11	108-88-3	
Xylene (Total)	ND	ug/L	1.0	0.34	1		12/10/24 18:11	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.71	1		12/10/24 18:11	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.34	1		12/10/24 18:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	99	%	70-130		1		12/10/24 18:11	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		12/10/24 18:11	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		12/10/24 18:11	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Sample: WSW-BLANK **Lab ID: 92767720002** Collected: 12/04/24 09:45 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0058	1	12/11/24 11:09	12/12/24 04:14	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	93	%	70-130		1	12/11/24 11:09	12/12/24 04:14	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	mg/L	0.00050	0.00021	1		12/08/24 16:49	71-43-2	
1,2-Dichloroethane	ND	mg/L	0.00050	0.00016	1		12/08/24 16:49	107-06-2	
Ethylbenzene	ND	mg/L	0.00050	0.00022	1		12/08/24 16:49	100-41-4	
Methyl-tert-butyl ether	ND	mg/L	0.00050	0.00014	1		12/08/24 16:49	1634-04-4	
Naphthalene	ND	mg/L	0.00050	0.00035	1		12/08/24 16:49	91-20-3	
Toluene	ND	mg/L	0.00050	0.00020	1		12/08/24 16:49	108-88-3	
Xylene (Total)	ND	mg/L	0.00050	0.00022	1		12/08/24 16:49	1330-20-7	
m&p-Xylene	ND	mg/L	0.0010	0.00039	1		12/08/24 16:49	179601-23-1	
o-Xylene	ND	mg/L	0.00050	0.00022	1		12/08/24 16:49	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	78	%	70-130		1		12/08/24 16:49	2199-69-1	
4-Bromofluorobenzene (S)	87	%	70-130		1		12/08/24 16:49	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 18:28	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 18:28	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 18:28	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 18:28	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 18:28	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 18:28	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 18:28	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 18:28	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		12/10/24 18:28	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		12/10/24 18:28	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		12/10/24 18:28	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Sample: WSW-1 **Lab ID: 92767720003** Collected: 12/04/24 10:45 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.020	0.0057	1	12/11/24 11:09	12/12/24 04:25	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	97	%	70-130		1	12/11/24 11:09	12/12/24 04:25	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	mg/L	0.00050	0.00021	1		12/08/24 18:06	71-43-2	
1,2-Dichloroethane	ND	mg/L	0.00050	0.00016	1		12/08/24 18:06	107-06-2	
Ethylbenzene	ND	mg/L	0.00050	0.00022	1		12/08/24 18:06	100-41-4	
Methyl-tert-butyl ether	ND	mg/L	0.00050	0.00014	1		12/08/24 18:06	1634-04-4	
Naphthalene	ND	mg/L	0.00050	0.00035	1		12/08/24 18:06	91-20-3	
Toluene	ND	mg/L	0.00050	0.00020	1		12/08/24 18:06	108-88-3	
Xylene (Total)	ND	mg/L	0.00050	0.00022	1		12/08/24 18:06	1330-20-7	
m&p-Xylene	ND	mg/L	0.0010	0.00039	1		12/08/24 18:06	179601-23-1	
o-Xylene	ND	mg/L	0.00050	0.00022	1		12/08/24 18:06	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	75	%	70-130		1		12/08/24 18:06	2199-69-1	
4-Bromofluorobenzene (S)	86	%	70-130		1		12/08/24 18:06	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 19:58	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 19:58	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 19:58	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 19:58	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 19:58	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 19:58	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 19:58	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 19:58	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		12/10/24 19:58	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		12/10/24 19:58	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		12/10/24 19:58	2037-26-5	

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ANALYTICAL RESULTS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Sample: WSW-DUPLICATE **Lab ID: 92767720004** Collected: 12/04/24 00:00 Received: 12/06/24 09:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
504 GCS EDB and DBCP	Analytical Method: EPA 504.1 Preparation Method: EPA 504.1 Pace Analytical Services - Charlotte								
1,2-Dibromoethane (EDB)	ND	ug/L	0.021	0.0057	1	12/11/24 11:09	12/12/24 04:36	106-93-4	
Surrogates									
1-Chloro-2-bromopropane (S)	102	%	70-130		1	12/11/24 11:09	12/12/24 04:36	301-79-56	
524.2 MSV SC List	Analytical Method: EPA 524.2 Pace Analytical Services - Charlotte								
Benzene	ND	mg/L	0.00050	0.00021	1		12/08/24 18:32	71-43-2	
1,2-Dichloroethane	ND	mg/L	0.00050	0.00016	1		12/08/24 18:32	107-06-2	
Ethylbenzene	ND	mg/L	0.00050	0.00022	1		12/08/24 18:32	100-41-4	
Methyl-tert-butyl ether	ND	mg/L	0.00050	0.00014	1		12/08/24 18:32	1634-04-4	
Naphthalene	ND	mg/L	0.00050	0.00035	1		12/08/24 18:32	91-20-3	
Toluene	ND	mg/L	0.00050	0.00020	1		12/08/24 18:32	108-88-3	
Xylene (Total)	ND	mg/L	0.00050	0.00022	1		12/08/24 18:32	1330-20-7	
m&p-Xylene	ND	mg/L	0.0010	0.00039	1		12/08/24 18:32	179601-23-1	
o-Xylene	ND	mg/L	0.00050	0.00022	1		12/08/24 18:32	95-47-6	
Surrogates									
1,2-Dichlorobenzene-d4 (S)	75	%	70-130		1		12/08/24 18:32	2199-69-1	
4-Bromofluorobenzene (S)	87	%	70-130		1		12/08/24 18:32	460-00-4	
8260 MSV Low Level SC	Analytical Method: EPA 8260D Pace Analytical Services - Charlotte								
tert-Amyl Alcohol	ND	ug/L	100	36.4	1		12/10/24 20:15	75-85-4	
tert-Amylmethyl ether	ND	ug/L	10.0	2.7	1		12/10/24 20:15	994-05-8	
3,3-Dimethyl-1-Butanol	ND	ug/L	100	51.9	1		12/10/24 20:15	624-95-3	
tert-Butyl Alcohol	ND	ug/L	100	26.8	1		12/10/24 20:15	75-65-0	
tert-Butyl Formate	ND	ug/L	50.0	29.4	1		12/10/24 20:15	762-75-4	
Diisopropyl ether	ND	ug/L	1.0	0.31	1		12/10/24 20:15	108-20-3	
Ethanol	ND	ug/L	200	72.2	1		12/10/24 20:15	64-17-5	
Ethyl-tert-butyl ether	ND	ug/L	10.0	3.2	1		12/10/24 20:15	637-92-3	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		12/10/24 20:15	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		12/10/24 20:15	17060-07-0	
Toluene-d8 (S)	102	%	70-130		1		12/10/24 20:15	2037-26-5	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

QC Batch: 901164
QC Batch Method: EPA 524.2
Analysis Method: EPA 524.2
Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767720002, 92767720003, 92767720004

METHOD BLANK: 4638583 Matrix: Water
Associated Lab Samples: 92767720002, 92767720003, 92767720004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	mg/L	ND	0.00050	0.00016	12/08/24 13:48	
Benzene	mg/L	ND	0.00050	0.00021	12/08/24 13:48	
Ethylbenzene	mg/L	ND	0.00050	0.00022	12/08/24 13:48	
m&p-Xylene	mg/L	ND	0.0010	0.00039	12/08/24 13:48	
Methyl-tert-butyl ether	mg/L	ND	0.00050	0.00014	12/08/24 13:48	
Naphthalene	mg/L	ND	0.00050	0.00035	12/08/24 13:48	
o-Xylene	mg/L	ND	0.00050	0.00022	12/08/24 13:48	
Toluene	mg/L	ND	0.00050	0.00020	12/08/24 13:48	
Xylene (Total)	mg/L	ND	0.00050	0.00022	12/08/24 13:48	
1,2-Dichlorobenzene-d4 (S)	%	86	70-130		12/08/24 13:48	
4-Bromofluorobenzene (S)	%	92	70-130		12/08/24 13:48	

LABORATORY CONTROL SAMPLE: 4638584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	mg/L	0.02	0.020	102	70-130	
Benzene	mg/L	0.02	0.021	103	70-130	
Ethylbenzene	mg/L	0.02	0.020	98	70-130	
m&p-Xylene	mg/L	0.04	0.039	98	70-130	
Methyl-tert-butyl ether	mg/L	0.02	0.019	95	70-130	
Naphthalene	mg/L	0.02	0.019	94	70-130	
o-Xylene	mg/L	0.02	0.021	103	70-130	
Toluene	mg/L	0.02	0.020	101	70-130	
Xylene (Total)	mg/L	0.06	0.060	100		
1,2-Dichlorobenzene-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

QC Batch: 902335
QC Batch Method: EPA 524.2
Analysis Method: EPA 524.2
Analysis Description: 524.2 MSV
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767720001

METHOD BLANK: 4644428 Matrix: Water
Associated Lab Samples: 92767720001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	mg/L	ND	0.00050	0.00016	12/12/24 17:08	
Benzene	mg/L	ND	0.00050	0.00021	12/12/24 17:08	
Ethylbenzene	mg/L	ND	0.00050	0.00022	12/12/24 17:08	
m&p-Xylene	mg/L	ND	0.0010	0.00039	12/12/24 17:08	
Methyl-tert-butyl ether	mg/L	ND	0.00050	0.00014	12/12/24 17:08	
Naphthalene	mg/L	ND	0.00050	0.00035	12/12/24 17:08	
o-Xylene	mg/L	ND	0.00050	0.00022	12/12/24 17:08	
Toluene	mg/L	ND	0.00050	0.00020	12/12/24 17:08	
Xylene (Total)	mg/L	ND	0.00050	0.00022	12/12/24 17:08	
1,2-Dichlorobenzene-d4 (S)	%	98	70-130		12/12/24 17:08	
4-Bromofluorobenzene (S)	%	97	70-130		12/12/24 17:08	

LABORATORY CONTROL SAMPLE: 4644429

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	mg/L	0.02	0.024	122	70-130	
Benzene	mg/L	0.02	0.023	114	70-130	
Ethylbenzene	mg/L	0.02	0.023	114	70-130	
m&p-Xylene	mg/L	0.04	0.046	115	70-130	
Methyl-tert-butyl ether	mg/L	0.02	0.024	119	70-130	
Naphthalene	mg/L	0.02	0.023	115	70-130	
o-Xylene	mg/L	0.02	0.024	120	70-130	
Toluene	mg/L	0.02	0.023	115	70-130	
Xylene (Total)	mg/L	0.06	0.070	116		
1,2-Dichlorobenzene-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			107	70-130	

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REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

QC Batch: 901417
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260 MSV Low Level SC
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767720001, 92767720002, 92767720003, 92767720004

METHOD BLANK: 4639586 Matrix: Water
Associated Lab Samples: 92767720001, 92767720002, 92767720003, 92767720004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	ND	1.0	0.32	12/10/24 13:44	
3,3-Dimethyl-1-Butanol	ug/L	ND	100	51.9	12/10/24 13:44	
Benzene	ug/L	ND	1.0	0.34	12/10/24 13:44	
Diisopropyl ether	ug/L	ND	1.0	0.31	12/10/24 13:44	
Ethanol	ug/L	ND	200	72.2	12/10/24 13:44	
Ethyl-tert-butyl ether	ug/L	ND	10.0	3.2	12/10/24 13:44	
Ethylbenzene	ug/L	ND	1.0	0.30	12/10/24 13:44	
m&p-Xylene	ug/L	ND	2.0	0.71	12/10/24 13:44	
Methyl-tert-butyl ether	ug/L	ND	1.0	0.42	12/10/24 13:44	
Naphthalene	ug/L	ND	1.0	0.64	12/10/24 13:44	
o-Xylene	ug/L	ND	1.0	0.34	12/10/24 13:44	
tert-Amyl Alcohol	ug/L	ND	100	36.4	12/10/24 13:44	
tert-Amylmethyl ether	ug/L	ND	10.0	2.7	12/10/24 13:44	
tert-Butyl Alcohol	ug/L	ND	100	26.8	12/10/24 13:44	
tert-Butyl Formate	ug/L	ND	50.0	29.4	12/10/24 13:44	
Toluene	ug/L	ND	1.0	0.48	12/10/24 13:44	
Xylene (Total)	ug/L	ND	1.0	0.34	12/10/24 13:44	
1,2-Dichloroethane-d4 (S)	%	98	70-130		12/10/24 13:44	
4-Bromofluorobenzene (S)	%	98	70-130		12/10/24 13:44	
Toluene-d8 (S)	%	101	70-130		12/10/24 13:44	

LABORATORY CONTROL SAMPLE: 4639587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	20	21.5	108	70-130	
3,3-Dimethyl-1-Butanol	ug/L	400	403	101	70-130	
Benzene	ug/L	20	20.4	102	70-130	
Diisopropyl ether	ug/L	20	20.4	102	70-130	
Ethanol	ug/L	800	863	108	70-130	
Ethyl-tert-butyl ether	ug/L	40	39.1	98	70-130	
Ethylbenzene	ug/L	20	19.6	98	70-130	
m&p-Xylene	ug/L	40	39.4	99	70-130	
Methyl-tert-butyl ether	ug/L	20	20.4	102	70-130	
Naphthalene	ug/L	20	20.8	104	70-130	
o-Xylene	ug/L	20	20.4	102	70-130	
tert-Amyl Alcohol	ug/L	400	413	103	70-130	
tert-Amylmethyl ether	ug/L	40	38.9	97	70-130	
tert-Butyl Alcohol	ug/L	200	201	101	70-130	
tert-Butyl Formate	ug/L	160	170	107	70-130	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

LABORATORY CONTROL SAMPLE: 4639587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	20	19.7	98	70-130	
Xylene (Total)	ug/L	60	59.8	100	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 4639588

Parameter	Units	92767891026 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	ND	20	27.0	135	70-137	
3,3-Dimethyl-1-Butanol	ug/L	ND	400	350	88	39-157	v3
Benzene	ug/L	ND	20	27.9	139	70-151	
Diisopropyl ether	ug/L	ND	20	26.4	132	63-144	
Ethanol	ug/L	ND	800	1030	128	39-176	
Ethyl-tert-butyl ether	ug/L	ND	40	48.8	122	66-137	
Ethylbenzene	ug/L	ND	20	24.9	125	66-153	
m&p-Xylene	ug/L	ND	40	49.8	124	69-152	
Methyl-tert-butyl ether	ug/L	ND	20	24.5	123	54-156	
Naphthalene	ug/L	ND	20	21.7	109	61-148	
o-Xylene	ug/L	ND	20	25.0	125	70-148	
tert-Amyl Alcohol	ug/L	ND	400	437	109	54-153	
tert-Amylmethyl ether	ug/L	ND	40	49.5	124	69-139	
tert-Butyl Alcohol	ug/L	ND	200	269	135	43-188	
tert-Butyl Formate	ug/L	ND	160	63.7	40	10-170	
Toluene	ug/L	ND	20	26.2	131	59-148	
Xylene (Total)	ug/L	ND	60	74.8	125	63-158	
1,2-Dichloroethane-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				103	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 4639589

Parameter	Units	92767891032 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	ND	ND		30	
3,3-Dimethyl-1-Butanol	ug/L	ND	ND		30	v2
Benzene	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethanol	ug/L	ND	ND		30	
Ethyl-tert-butyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	

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QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

SAMPLE DUPLICATE: 4639589

Parameter	Units	92767891032 Result	Dup Result	RPD	Max RPD	Qualifiers
tert-Amyl Alcohol	ug/L	ND	ND		30	
tert-Amylmethyl ether	ug/L	ND	ND		30	
tert-Butyl Alcohol	ug/L	ND	ND		30	
tert-Butyl Formate	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	100	96			
4-Bromofluorobenzene (S)	%	98	104			
Toluene-d8 (S)	%	102	104			

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

QC Batch: 901870
QC Batch Method: EPA 504.1
Analysis Method: EPA 504.1
Analysis Description: GCS 504 EDB DBCP
Laboratory: Pace Analytical Services - Charlotte
Associated Lab Samples: 92767720002, 92767720003, 92767720004

METHOD BLANK: 4641615 Matrix: Water
Associated Lab Samples: 92767720002, 92767720003, 92767720004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	0.021	0.0060	12/12/24 01:58	
1-Chloro-2-bromopropane (S)	%	107	70-130		12/12/24 01:58	

LABORATORY CONTROL SAMPLE & LCSD: 4641616 4641617

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	0.28	0.26	0.24	96	92	70-130	10	20	
1-Chloro-2-bromopropane (S)	%				100	95	70-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4641619 4641620

Parameter	Units	92767226010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dibromoethane (EDB)	ug/L	ND	0.26	0.26	0.20	0.22	75	84	65-135	11	20	
1-Chloro-2-bromopropane (S)	%						80	87	70-130			

SAMPLE DUPLICATE: 4641618

Parameter	Units	92767226009 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		20	
1-Chloro-2-bromopropane (S)	%	91	84			

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(704)875-9092

QUALIFIERS

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ONE STOP MARINA 1872
Pace Project No.: 92767720

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92767720002	**WSW-BLANK**	EPA 504.1	901870	EPA 504.1	901893
92767720003	**WSW-1**	EPA 504.1	901870	EPA 504.1	901893
92767720004	**WSW-DUPLICATE**	EPA 504.1	901870	EPA 504.1	901893
92767720001	**WSW-TRIP**	EPA 524.2	902335		
92767720002	**WSW-BLANK**	EPA 524.2	901164		
92767720003	**WSW-1**	EPA 524.2	901164		
92767720004	**WSW-DUPLICATE**	EPA 524.2	901164		
92767720001	**WSW-TRIP**	EPA 8260D	901417		
92767720002	**WSW-BLANK**	EPA 8260D	901417		
92767720003	**WSW-1**	EPA 8260D	901417		
92767720004	**WSW-DUPLICATE**	EPA 8260D	901417		

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DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

Laboratory receiving samples:

Asheville ☒ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐

Sample Condition Upon Receipt

Client Name: Envirosouth

Project #: **WO# : 92767720**

92767720

Courier: ☐ Commercial ☒ Pace ☐ Fed Ex ☐ UPS ☐ USPS ☐ Other:____ ☐ Client

Custody Seal Present? ☐ Yes ☒ No Seals Intact? ☐ Yes ☐ No ☒ N/A

Date/Initials Person Examining Contents: MM 12/6/24

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☒ N/A

Thermometer:

☒ IR Gun ID: 93T090 Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temp: 3.3 Correction Factor: Add/Subtract (°C) 0

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 3.3

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

				Comments/Discrepancy:
Chain of Custody Present?	☒ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☒ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☒ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☒ No	☐ N/A	4.
Sufficient Volume?	☒ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☒ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☒ Yes	☐ No	☐ N/A	
Containers Intact?	☒ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☒ N/A	8.
Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: DW	☒ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☒ No	☐ N/A	10.
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	11.
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Pace ANALYTICAL SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt

Effective Date: 05/24/2024

WO#: 92767720

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.
Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg
**Bottom half of box is to list number of bottles
***Check all unpreserved Nitrates for chlorine

Project #

PM: MWB Due Date: 12/17/24
CLIENT: 92-ENVIROSOU

Laboratory Receiving Location: Asheville [X] Eden [ ] Greenwood [ ] Huntersville [ ] Raleigh [ ] Mechanicsville [ ] Atlanta [ ] Kernersville [ ]

Client Envirosouth Profile/EZ (Circle one) 4494-14 Notes Title - One Stop Marina

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)		BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																	CH	CH												
1																	2													
2																	6	3												
3																	6	3												
4																	6	3												
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: EnviroSouth	Report To:	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order #:	Pace Quote:
Phone: Fax:	Project Name: One Stop Marina	Pace Project Manager:
Requested Due Date:	Project Number: 1873	Pace Profile #:

Regulatory Agency

State / Location

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analyses Test: BTEXMN, OCA	Oxys + Ethanol	EDB	Residual Chlorine (Y/N)
1	WSW - Trip	DW	G	12/4	930			2.7	2										X	X		
2	WSW - Blank	DW	G	12/4	945				9										X	X	X	
3	WSW - 1	DW	G	12/4	1045				9										X	X	X	
4	WSW - Duplicate	DW	G	12/4	—				9										X	X	X	
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		12/6/24	0945	Trevor Hudson Pace	12/6/24	0945				
	Trevor Hudson	12/6/24	1430	Michael Martin AVL	12/6/24	1430	3.3	Y	N	Y

SAMPLER NAME AND SIGNATURE

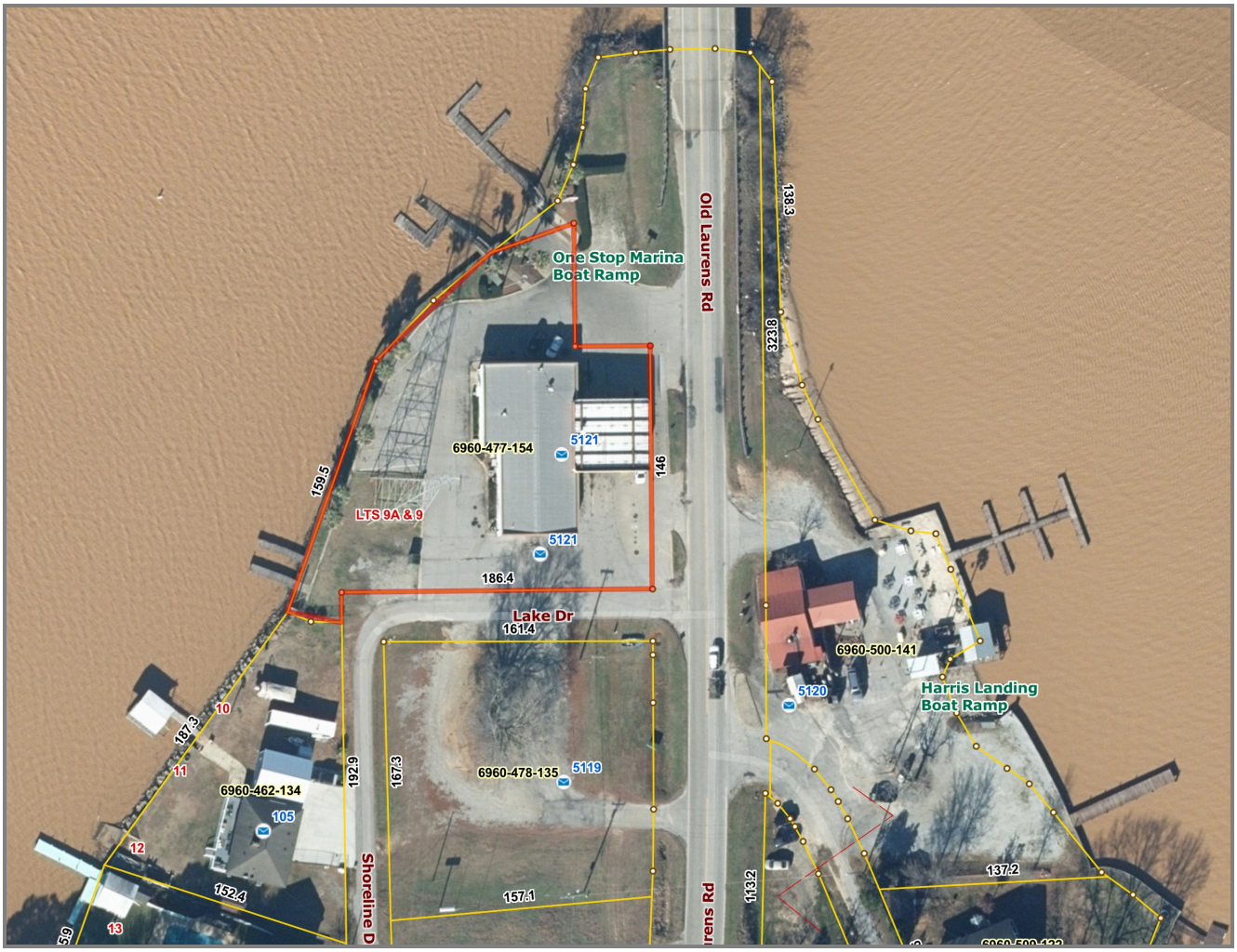
PRINT Name of SAMPLER: Trevor Hudson

SIGNATURE of SAMPLER:

DATE Signed:

APPENDIX C – TAX MAP INFORMATION

Greenwood County, SC



Parcel ID	6960-477-154	Area	0.76
Property Address	5121 Old Laurens Rd	Description	LTS 9A&9B & PAR A LAKEVIEW HGTS
Owner Name	Siddhi Ganesh 2 LLC	Year Built	1992
Mail Address	205 FAIRWAY DR	SqFt	4,490
City State Zip	LAURENS, SC 29360-0000	Bedrooms	0
Purchase Date	3/30/2015	Bathrooms	0
Deed	1460-260	Half Baths	0
Plat	140-7	Fin Bsmt Sqft	0
FEMA LOMA	No	Unfin Bsmt Sqft	0
Total Tax Value	$465,000	Tax Exemption	
Total Cap Value	$534,800	Appraised By	County
Total Market Value	$465,000	Tax District	6-Greenwood Metro
Assessed Value	27900	On Lake Gwd	Y
Subdivision	Lakeview Hgts		

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search,appraisal, survey, or for zoning verification.

Map Scale
1 inch = 69 feet
1/29/2025

Greenwood County, SC



Parcel ID	6960-500-141	Area	1.14
Property Address	5120 Old Laurens Rd	Description	LTS 1,5,6 SEC A LAKEVIEW HGTS
Owner Name	Harris Landing on Lake Greenwood	Year Built	0
Mail Address	1057 STILLWATER RD	SqFt	1,433
City State Zip	WATERLOO, SC 29384-0000	Bedrooms	0
Purchase Date	6/13/2018	Bathrooms	0
Deed	1604-42	Half Baths	0
Plat	5-2	Fin Bsmt Sqft	0
FEMA LOMA	No	Unfin Bsmt Sqft	0
Total Tax Value	$175,000	Tax Exemption	
Total Cap Value	$201,300	Appraised By	County
Total Market Value	$175,000	Tax District	6-Greenwood Metro
Assessed Value	10500	On Lake Gwd	Y
Subdivision	Lakeview Hgts		

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search,appraisal, survey, or for zoning verification.

Map Scale
1 inch = 138 feet
1/29/2025

Greenwood County, SC



Parcel ID	6960-478-135	Area	0.59
Property Address	5119 Old Laurens Rd	Description	LT B .57AC
Owner Name	Siddhi Ganesh 2 LLC	Year Built	0
Mail Address	205 FAIRWAY DR	SqFt	0
City State Zip	LAURENS, SC 29360-0000	Bedrooms	0
Purchase Date	3/30/2015	Bathrooms	0
Deed	1460-260	Half Baths	0
Plat	140-7	Fin Bsmt Sqft	0
FEMA LOMA	No	Unfin Bsmt Sqft	0
Total Tax Value	$10,000	Tax Exemption	
Total Cap Value	$11,500	Appraised By	County
Total Market Value	$10,000	Tax District	6-Greenwood Metro
Assessed Value	600	On Lake Gwd	N
Subdivision	Lakeview Hgts		

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search,appraisal, survey, or for zoning verification.

Map Scale
1 inch = 69 feet
1/29/2025

Greenwood County, SC



Parcel ID	6960-462-134	Area	0.38
Property Address	105 Shoreline Dr	Description	LTS 10-12 & PAR B LAKEVIEW HGTS
Owner Name	Land Danny R/Krista	Year Built	1940
Mail Address	105 SHORELINE DR	SqFt	1,452
City State Zip	GREENWOOD, SC 29649-0000	Bedrooms	3
Purchase Date	6/9/2021	Bathrooms	1
Deed	1625-2643	Half Baths	0
Plat	69-84	Fin Bsmt Sqft	0
FEMA LOMA	No	Unfin Bsmt Sqft	0
Total Tax Value	$175,000	Tax Exemption	
Total Cap Value	$201,300	Appraised By	County
Total Market Value	$175,000	Tax District	6-Greenwood Metro
Assessed Value	7000	On Lake Gwd	Y
Subdivision	Lakeview Hgts		

Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search,appraisal, survey, or for zoning verification.

Map Scale
1 inch = 47 feet
1/29/2025

APPENDIX D – GEOLOGIST LOGS AND SOIL BORING LOGS

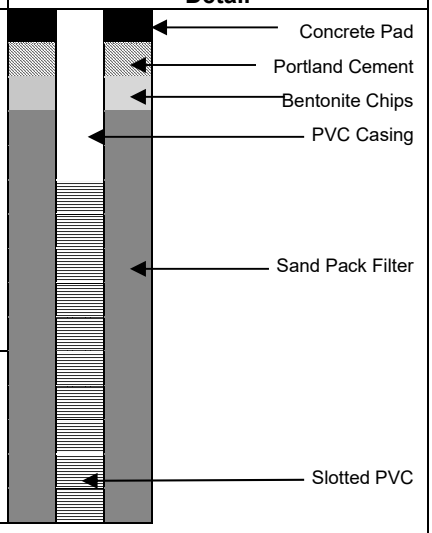
ENVIROSOUTH Environmental Consultants

GEOLOGIST LOG

Boring/Well No.: MW-1

Project: One Stop Marina	**Location:** 5121 Old Laurens Road Greenwood, South Carolina		**Logged By:** William H. Lyons	
County: Greenwood **State:** South Carolina	**Latitude/Longitude:**	**Drilling/Installation Date:** 11/27/2024	**Drilled Depth:** 15 feet	**Well Depth:** 15 feet
Driller: Jason Chiorazzi (B-1790) **Drilling Company:** Verco Drilling	**Method:** Hollow Stem Auger **Equipment:** Geoprobe 7728 DT		**Development Method:** Over pumping **Sampling Method:** Low Flow	
TOC Elevation: 444.40	**Ground Elevation:** 444.77	**Static Water Level/Date:** 8.22/12-4-2024	**Reference Point:** TOC	**Groundwater Elevation:** 436.18
Casing Type: Schedule 40 PVC	**Casing Diameter:** 2-inch	**Depth Interval** 0 – 5 feet		**Hole Diameter** 8”
Screen Type: Schedule 40 PVC	**Screen Diameter:** 2-inch	**Depth Interval:** 5 – 15 feet		**Slot Size:** 0.010-inch
Grout: Portland Type I **Interval:** 0 - 1 feet	**Seal:** Bentonite Chips **Interval:** 1 - 3 feet		**Gravel Pack:** No. 2 Sand **Interval:** 3 - 15 feet	

Depth	PID Test Data (ppm)	Lithology / Remarks	Well Construction Detail
5		Asphalt to reddish brown fine sandy silt with clay	
10		Tan medium to coarse sand with minor silt	
15		Total depth = 15 feet	
20			
25			
30			



Notes:

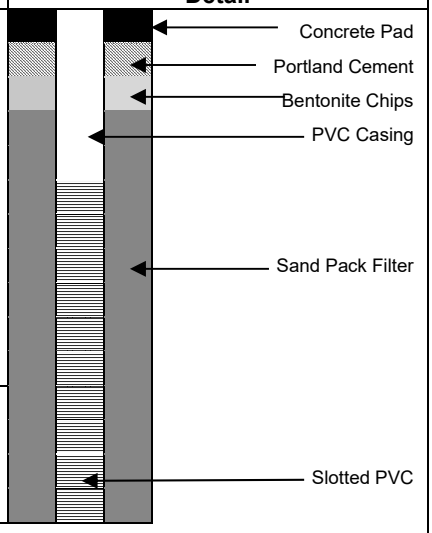
Job No. 1872	Grid No.:	Page 1 of 1

ENVIROSOUTH Environmental Consultants

GEOLOGIST LOG

Boring/Well No.: MW-2

Project: One Stop Marina	**Location:** 5121 Old Laurens Road Greenwood, South Carolina			**Logged By:** William H. Lyons
County: Greenwood **State:** South Carolina	**Latitude/Longitude:**	**Drilling/Installation Date:** 11/27/2024	**Drilled Depth:** 15 feet	**Well Depth:** 15 feet
Driller: Jason Chiorazzi (B-1790) **Drilling Company:** Verco Drilling	**Method:** Hollow Stem Auger **Equipment:** Geoprobe 7728 DT			**Development Method:** Over pumping **Sampling Method:** Low Flow
TOC Elevation: 444.79	**Ground Elevation:** 445.07	**Static Water Level/Date:** 8.40/12-4-2024	**Reference Point:** TOC	**Groundwater Elevation:** 436.39
Casing Type: Schedule 40 PVC	**Casing Diameter:** 2-inch	**Depth Interval** 0 – 5 feet		**Hole Diameter** 8”
Screen Type: Schedule 40 PVC	**Screen Diameter:** 2-inch	**Depth Interval:** 5 – 15 feet		**Slot Size:** 0.010-inch
Grout: Portland Type I **Interval:** 0 - 1 feet	**Seal:** Bentonite Chips **Interval:** 1 - 3 feet			**Gravel Pack:** No. 2 Sand **Interval:** 3 - 15 feet

Depth	PID Test Data (ppm)	Lithology / Remarks	Well Construction Detail
5		Asphalt to reddish brown fine sandy silt with clay	
10		Tan medium to coarse sand with minor silt	
15		Total depth = 15 feet	
20			
25			
30			

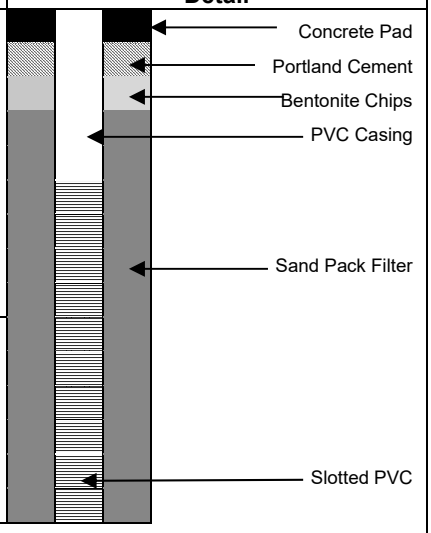
Notes:

ENVIROSOUTH Environmental Consultants

GEOLOGIST LOG

Boring/Well No.: MW-3

Project: One Stop Marina	**Location:** 5121 Old Laurens Road Greenwood, South Carolina		**Logged By:** William H. Lyons	
County: Greenwood **State:** South Carolina	**Latitude/Longitude:**	**Drilling/Installation Date:** 11/27/2024	**Drilled Depth:** 15 feet	**Well Depth:** 15 feet
Driller: Jason Chiorazzi (B-1790) **Drilling Company:** Verco Drilling	**Method:** Hollow Stem Auger **Equipment:** Geoprobe 7728 DT		**Development Method:** Over pumping **Sampling Method:** Low Flow	
TOC Elevation: 444.12	**Ground Elevation:** 444.36	**Static Water Level/Date:** 7.87/12-4-2024	**Reference Point:** TOC	**Groundwater Elevation:** 436.25
Casing Type: Schedule 40 PVC	**Casing Diameter:** 2-inch	**Depth Interval** 0 – 5 feet		**Hole Diameter** 8”
Screen Type: Schedule 40 PVC	**Screen Diameter:** 2-inch	**Depth Interval:** 5 – 15 feet		**Slot Size:** 0.010-inch
Grout: Portland Type I **Interval:** 0 - 1 feet	**Seal:** Bentonite Chips **Interval:** 1 - 3 feet		**Gravel Pack:** No. 2 Sand **Interval:** 3 - 15 feet	

Depth	PID Test Data (ppm)	Lithology / Remarks	Well Construction Detail
5		Asphalt to reddish brown fine sandy silt with clay	
10		Tan medium to coarse sand with minor silt	
15		Total depth = 15 feet	
20			
25			
30			

Notes:

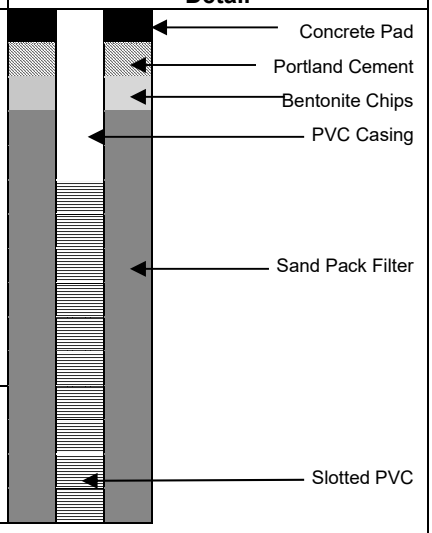
ENVIROSOUTH Environmental Consultants

GEOLOGIST LOG

Boring/Well No.: MW-4

Project: One Stop Marina	**Location:** 5121 Old Laurens Road Greenwood, South Carolina		**Logged By:** William H. Lyons	
County: Greenwood **State:** South Carolina	**Latitude/Longitude:**	**Drilling/Installation Date:** 11/27/2024	**Drilled Depth:** 15 feet	**Well Depth:** 15 feet
Driller: Jason Chiorazzi (B-1790) **Drilling Company:** Verco Drilling	**Method:** Hollow Stem Auger **Equipment:** Geoprobe 7728 DT		**Development Method:** Over pumping **Sampling Method:** Low Flow	
TOC Elevation: 445.97	**Ground Elevation:** 446.27	**Static Water Level/Date:** 9,71/12-4-2024	**Reference Point:** TOC	**Groundwater Elevation:** 436.26
Casing Type: Schedule 40 PVC	**Casing Diameter:** 2-inch	**Depth Interval** 0 – 5 feet	**Hole Diameter** 8”	
Screen Type: Schedule 40 PVC	**Screen Diameter:** 2-inch	**Depth Interval:** 5 – 15 feet	**Slot Size:** 0.010-inch	
Grout: Portland Type I **Interval:** 0 - 1 feet	**Seal:** Bentonite Chips **Interval:** 1 - 3 feet		**Gravel Pack:** No. 2 Sand **Interval:** 3 - 15 feet	

Depth	PID Test Data (ppm)	Lithology / Remarks	Well Construction Detail
5		Grass to reddish brown fine sandy silt with clay	
10		Tan medium to coarse sand with minor silt	
15		Total depth = 15 feet	
20			
25			
30			



Notes:

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S- 4

Project:	Location:	Logged By:
One Stop Marina	5121 Old Laurens Rd	TH

County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date:	Drilled Depth:	Well Depth:
		11/27/2024	15'	N/A

Driller: Jason Chirozzi Drilling Company: Verco	Method: Macrocore Equipment: Geoprobe	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
0		2.1	Asphalt then red-brown fine sandy silt with clay
	Vi slight	12.6	Dry
		12.0	
5		11.3	Moist
		11.0	
		10.9	
		25.4	Moist
		50.6	
	Slight odor	75.7	
10		120.2	Tan Sand (medium to coarse) with minor silt
		40.5	wet
		14.8	
	None	7.1	
		5.2	
15		3.6	Total Depth: 15'
20			
25			
30			

Notes: Sample taken at 10' (1002)

Job No.:	Grid No.:	Page – of -

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S-5

Project: One stop Marina	Location: 5121 Old Lawyers Road		Logged By: TH	
County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date: 11/27/2024	Drilled Depth: 15'	Well Depth: N/A
Driller: Jason Chiorazzi Drilling Company: Vertex	Method: MacroCore Equipment: Geoprobe		Development Method: N/A Sampling Method: Grab	

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
		69.2	Concrete then Red-brown fine sandy silt with clay
		217.4	
	Mod. odor	357.2	Dry
		509.8	
5		261.9	Moist
		184.9	
		777.6	V. Moist
	Strong odor	1374	Tan Medium to Coarse Sand with minor silt
10		2143	
		3114	
		3200	
		3348	Wet
	Mod. odor	609.5	
		403.8	
15		1013	Total Depth: 15'
20			
25			
30			

Notes: Sampled at 12' (930)

Job No.: | Grid No.: | Page – of -

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S- 6

Project:	Location:	Logged By:
One Stop Marina	5121 Old Laurens Rd	TH

County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date:	Drilled Depth:	Well Depth:
		11/27/2024	15'	N/A

Driller: Jason Chiorazzi Drilling Company: Verco	Method: Macrocore Equipment: Geoprobe	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
	strong odor	200.9	Concrete then Red-brown fine sandy silt with clay
		351.7	Dry
		400.6	
		440.3	
5		517.6	Moist
		666.4	
		1021	V. Moist
		2066	
		2535	Tan medium to coarse Sand with minor silt
10		3155	Wet
		3217	
		3248	
		1091	
		891.7	
15		711.4	Total Depth: 15'
20			
25			
30			

Notes: Sampled at 10' (917)

Job No.:	Grid No.:	Page – of -

Soil Sampled collected at highest PID above water table

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S-7

Project: One Stop Marina	Location: 5121 Old Laurens Road	Logged By: TH
County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date: 11/27/2024
Drilled Depth: 15'	Well Depth: N/A	
Driller: Sean Chiarotti Drilling Company: Verco	Method: Macro Core Equipment: Geoprobe	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
	Slight	31.6	Asphalt then Red-brown fine Sandy Silt with Clay
		40.8	Dry
	Strong	84.6	~~Moist~~
		123.6	
5		156.2	Moist
		174.9	
		361.5	Very Moist
		684.0	
	Vi Strong	2009	Tan medium to coarse Sand with minor silt
10		3297	Wet
		2961	
		2559	
		2411	
		2237	
15		1763	Total Depth: 15'
		~~[illegible]~~	
20			
25			
30			

Notes: Sampled at 10' (955)

Job No.:	Grid No.:	Page – of -

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S- 8

Project:	Location:	Logged By:
One Stop Mariaca	5121 Old Laurens Rd	TH

County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date:	Drilled Depth:	Well Depth:
		11/27/2024	15'	N/A

Driller: Season Chiarelli Drilling Company: Verco	Method: Macrocore Equipment: Geoprobe	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
	Slight	28.4	Asphalt then Red-brown fine Sandy Silt with Clay
		59.3	Dry
	Mod.	171.4	
		344.8	Moist
5		566.0	
	Strong	736.1	
		1437	V. Moist
	V. Strong	2681	
		3005	Tan Medium to Coarse Sand with minor silt
10		3128	Wet
		3111	
		3100	
		1006	
		674.7	
15	Strong	515.3	Total Depth: 15'
20			
25			
30			

Notes: Sample taken at 10' (1028)

Job No.:	Grid No.:	Page – of -

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S- 9

Project: One Stop Marina	Location: 5121 Old Laurens Road	Logged By: TH
County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date: 11/27/2024
Drilled Depth: 15'	Well Depth: N/A	
Driller: Jason Chiarizzi Drilling Company: Vertex	Method: Macrocore Equipment: Geoprobe	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
		16.9	Asphalt then Red-brown fine Sandy Silt with Clay
	slight	27.6	Dry
		64.2	
5	mod.	83.0	Moist
		65.9	
		44.9	
		22.5	Vi Moist
		12.4	
	↓	45.2	Tan Medium to Coarse Sand with minor silt
10	strong	94.7	Wet
		1765	
	V. Strong	3684	
		2135	
		1282	
15		561.2	Total Depth: 15'
20			
25			
30			

Notes: Sample taken at 12' (1049)

Job No.: | Grid No.: | Page – of -

DRO + Grain Size taken at 12'

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S-10

Project:	Location:	Logged By:
One Stop Marina	5721 Old Laurens Rd	TH

County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date:	Drilled Depth:	Well Depth:
		11/27/2024	15'	N/A

Driller: Jason Chiorazzi Drilling Company: Verco	Method: Macrocore Equipment: Geoprobe	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
		0.6	Grass then red-brown fine Sandy Silt with Clay
		1.4	Dry
	mod.	56.7	
5		311.4	Moist
	Strong	917.6	
		750.9	
		736.7	Very moist
		716.4	
		572.8	Tan medium to Coarse Sand with minor Silt
10		460.9	wet
		776.0	
		981.0	
	mod.	765.1	
	Slight	36.9	
15		27.5	Total Depth 15'
20			
25			
30			

Notes: Sample taken at 4' (1105)

Job No.:	Grid No.:	Page – of -

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S- 11

Project: One Stop Mariner	Location: 5121 Old Laurens Rd	Logged By: TH
County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date: 11/27/2024
Driller: Jason Chiocozzi	Method: MacroCore	Development Method: N/A
Drilling Company: Verco	Equipment: Geoprobe	Sampling Method: Grab

Drilled Depth: 15' | Well Depth: N/A

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
0	Slight	22.3	Asphalt then Red-brown fine Sandy Silt with Clay
		44.8	Dry
		45.7	
		50.3	Moist
5	Mod	101.9	
		296.7	V. Moist
	Strong	1271	
	V. Strong	2418	Tan medium to coarse sand with minor silt
		3000	wet
10		3294	
		3311	
		3469	
		861.2	
		373.6	
15	Strong	216.5	Total Depth: 15'
20			
25			
30			

Notes: Sampled at 10' (944)

Job No.: | Grid No.: | Page – of -

Soil sample collected at highest PID above apparent water table

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S-12

Project:	Location:	Logged By:
One Stop Marina	5121 Old Laurens Rd	TH

County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date:	Drilled Depth:	Well Depth:
		11/27/2024	15'	N/A

Driller: Jason Chiorazzi Drilling Company: Verco	Method: Macrocore Equipment: Geoprobe	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
		0.8	Grass then red-brown fine sandy silt with clay
		1.9	Dry
	slight	27.3	
		40.2	Moist
5		167.8	
	mod.	293.3	
		271.6	V. Moist
	strong	269.6	
		1706	
10		2507	Tan Medium to Coarse Sand with minor silt
	V. strong	2777	Wet
	↓	2849	
		2967	
		3044	
15		2901	Total Depth: 15'
20			
25			
30			

Notes: Sampled at 14' (855)

Job No.:	Grid No.:	Page – of -

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S- /3

Project: One Stop Marina	Location: 5121 Old Laurens Rd		Logged By: TH	
County: Greenwood / State: SC	Latitude/Longitude:	Drilling/Installation Date: 11/27/2024	Drilled Depth: 10'	Well Depth: N/A
Driller: Jason Chiorazzi Drilling Company: Verco	Method: Macro Core Equipment: Geoprobe		Development Method: N/A Sampling Method: Grab	

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
	None	1.7	Asphalt to red-brown Sandy silt with Clay
		2.8	Dry
		4.9	
5		6.5	Moist
		4.9	
		4.2	
		6.5	
		9.5	V. Moist
10		8.2	
		4.3	Total Depth to 10'
			Wet
15			
20			
25			
30			

Notes: Sample taken at 2" (1123)

Job No.: | Grid No.: | Page – of –

ENVIROSOUTH
Environmental Consultants

SOIL BORING LOG

Boring/Well No.: S-14

Project: One Stop Marina	Location: 5121 old laurens Rd	Logged By: TH
County: Greenwood State: SC	Latitude/Longitude:	Drilling/Installation Date: 11/27/2024
Drilled Depth: 2'	Well Depth: N/A	
Driller: Jason Chiodarri Drilling Company: Verco	Method: Hand Auger Equipment: TH	Development Method: N/A Sampling Method: Grab

Depth	Sample Recovery	PID Test Data (ppm)	Lithology / Remarks
	strong V.Strong	1556 3657	Grass then brown silty fine sand to total Depth Total depth 2.0 ft
5			
10			
15			
20			
25			
30			

Notes: Sample taken at 2' (1340)

Job No.: | Grid No.: | Page – of -

APPENDIX E – WELL DEVELOPMENT FORMS AND WATER WELL RECORD FORMS

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: One Stop Marina | Site ID#: 18888

Date: 11/27/24 | Field Personnel: EF

Drilling Company: VERCO | Driller's Name: JC

Driller's Certification Number: 1790B | Weather Conditions: Sunny

Well Development Method

Surge Block ☑ | Submersible Pump ☑ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter		Turbidity meter	
serial no.	2361121	serial no.	2361121	serial no.	2361121	serial no.	
pH=4.0		standard	100			NTU=0.0	
pH=7.0	7					NTU=1.0	
pH=10.0						NTU=10.0	10

Drilling Method

Hollow Stem Augers ☑ | Solid Flight Augers ○ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-1 | Well Casing Diameter 2 inches | Borehole Diameter 8 inches

Depth to Ground Water (DGW) 8.21 ft. | Screen Length/Slot Size 10 ft./ 0.010 in.

Total Well Depth (TWD) 15 ft. | Screen Interval 5 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 6.79 ft. | Type of Drilling Fluids used: na

Total Gallons of Water Removed: 9 gals. | Drilling Fluids recovered na gals.

Time (military)	1315	1322	1337				
pH (s.u.)*	4.98	4.91	4.83				
Specific Conductivity (mmhos/cm)*	.289	.277	.274				
Water Temperature (C)*	18.9	18.3	18.1				
Turbidity (NTU) *	1000	217.4	39.12				
Physical Characteristics (color/odor)	Thick	Cloudy	Clear				
Water Level Measurement (ft) from TOC	11.5	12.5	13.5				
Total Well Depth (ft) from TOC	15	15	15				
Cumulative Gallons Removed	3 gals	6 gals	9 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Development by Surge and pump

Driller Signature: [signature] Date: 11/27/24

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: One Stop Marina | Site ID#: 18888

Date: 11/27/24 | Field Personnel: EF

Drilling Company: VERCO | Driller's Name: JC

Driller's Certification Number: 1790B | Weather Conditions: Sunny

Well Development Method

Surge Block ☑ | Submersible Pump ☑ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter		Turbidity meter	
serial no.	2361121	serial no.	2361121	serial no.	2361121	serial no.	
pH=4.0		standard	100			NTU=0.0	
pH=7.0	7					NTU=1.0	
pH=10.0						NTU=10.0	10

Drilling Method

Hollow Stem Augers ☑ | Solid Flight Augers ○ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-2 | Well Casing Diameter 2 inches | Borehole Diameter 8 inches

Depth to Ground Water (DGW) 9.70 ft. | Screen Length/Slot Size 10 ft./ 0.010 in.

Total Well Depth (TWD) 15 ft. | Screen Interval 5 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 5.3 ft. | Type of Drilling Fluids used: na

Total Gallons of Water Removed: 9 gals. | Drilling Fluids recovered na gals.

Time (military)	1417	1425	1440				
pH (s.u.)*	5.23	5.36	5.38				
Specific Conductivity (mmhos/cm)*	.563	.559	.550				
Water Temperature (C)*	19.6	18.6	18.4				
Turbidity (NTU) *	1000	119.9	26.97				
Physical Characteristics (color/odor)	Thick	Clear	Clear				
Water Level Measurement (ft) from TOC	11.5	13.5	14.5				
Total Well Depth (ft) from TOC	15	15	15				
Cumulative Gallons Removed	3 gals	6 gals	9 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Development by Surge and pump

Driller Signature: [signature] Date: 11/27/24

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: One Stop Marina | Site ID#: 18888

Date: 11/27/24 | Field Personnel: EF

Drilling Company: VERCO | Driller's Name: JC

Driller's Certification Number: 1790B | Weather Conditions: Sunny

Well Development Method

Surge Block ☑ | Submersible Pump ☑ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter		Turbidity meter	
serial no.	2361121	serial no.	2361121	serial no.	2361121	serial no.	
pH=4.0		standard	100			NTU=0.0	
pH=7.0	7					NTU=1.0	
pH=10.0						NTU=10.0	10

Drilling Method

Hollow Stem Augers ☑ | Solid Flight Augers ○ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-3 | Well Casing Diameter 2 inches | Borehole Diameter 8 inches

Depth to Ground Water (DGW) 7.85 ft. | Screen Length/Slot Size 10 ft./ 0.010 in.

Total Well Depth (TWD) 15 ft. | Screen Interval 5 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 7.15 ft. | Type of Drilling Fluids used: na

Total Gallons of Water Removed: 9 gals. | Drilling Fluids recovered na gals.

Time (military)	1503	1513	1526				
pH (s.u.)*	6.11	6.13	6.17				
Specific Conductivity (mmhos/cm)*	.541	.538	.535				
Water Temperature (C)*	19.8	19.3	19.1				
Turbidity (NTU) *	1000	347.2	97.32				
Physical Characteristics (color/odor)	Thick	Cloudy	Clear				
Water Level Measurement (ft) from TOC	10.5	13.0	13.5				
Total Well Depth (ft) from TOC	15	15	15				
Cumulative Gallons Removed	3 gals	6 gals	9 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Development by Surge and pump

Driller Signature: [signature] Date: 11/27/24

Well Development Data Verfication Form
Underground Storage Tank Management Division

Facility Name: One Stop Marina | Site ID#: 18888

Date: 11/27/24 | Field Personnel: EF

Drilling Company: VERCO | Driller's Name: JC

Driller's Certification Number: 1790B | Weather Conditions: Sunny

Well Development Method

Surge Block ☑ | Submersible Pump ☑ | Air Lifting ○

* Bailing can be combined with any of the above methods, but not utilized alone for development.

Quality Assurance

pH meter		Conductivity meter		Temperature meter		Turbidity meter	
serial no.	2361121	serial no.	2361121	serial no.	2361121	serial no.	
pH=4.0		standard	100			NTU=0.0	
pH=7.0	7					NTU=1.0	
pH=10.0						NTU=10.0	10

Drilling Method

Hollow Stem Augers ☑ | Solid Flight Augers ○ | Direct Push ○

Air Rotary ○ | Mud Rotary ○ | Sonic ○

Monitoring Well ID# MW-4 | Well Casing Diameter 2 inches | Borehole Diameter 8 inches

Depth to Ground Water (DGW) 8.43 ft. | Screen Length/Slot Size 10 ft./ 0.010 in.

Total Well Depth (TWD) 15 ft. | Screen Interval 5 ft. to 15 ft.

Length of water column (LWC=TWD-DGW) 6.57 ft. | Type of Drilling Fluids used: na

Total Gallons of Water Removed: 9 gals. | Drilling Fluids recovered na gals.

Time (military)	1546	1600	1615				
pH (s.u.)*	6.56	6.59	6.54				
Specific Conductivity (mmhos/cm)*	.203	.209	.207				
Water Temperature (C)*	19.5	19.8	19.9				
Turbidity (NTU) *	786.5	47.32	23.74				
Physical Characteristics (color/odor)	Thick	Cloudy	Clear				
Water Level Measurement (ft) from TOC	11	13.5	14				
Total Well Depth (ft) from TOC	15	15	15				
Cumulative Gallons Removed	3 gals	6 gals	9 gals	gals	gals	gals	gals

* Development is completed once groundwater turbidity is ≤ 10 NTU and all parameters are ± 10%.

Detailed description of Well Development process: Development by Surge and pump

Driller Signature:  Date: 11/27/24

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-4

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-5

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-6

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 12/18/24

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-7

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft._____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 12/18/24

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-8

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 12/18/24

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-9

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-10

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-11

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ (Well Driller) Date: 12/18/24

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-12

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 15 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

DHEC 1903 (08/2017)

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-13

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 10 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	10	10
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		

5. REMARKS:

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
10 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Well Driller Date: 12/18/24

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 S-14

4. ABANDONMENT: ☑ Yes ☐ No
Give Details Below
Grouted Depth: from 2 ft. to 0 ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	2	2
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☐ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
2 ft. Date Completed: 11/27/24

10. CASING: ☐ Threaded ☐ Welded
Diam.: _____
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
_____ in. to _____ ft. depth
_____ in. to _____ ft. depth
Height: Above/Below
Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: _____ Diam.: _____
Slot/Gauge: _____ Length: _____
Set Between: _____ ft. and _____ ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☐ Yes ☐ No
Installed from _____ ft. to _____ ft.
Effective size _____ Uniformity Coefficient _____

16. WELL GROUTED? ☐ Yes ☐ No
☐ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From _____ ft. to _____ ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 MW-1

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 5 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 10'
Set Between: 5 ft. and 15 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 15 ft. to 3 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 MW-2

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 5 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 10'
Set Between: 5 ft. and 15 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 15 ft. to 3 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 MW-3

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 5 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 10'
Set Between: 5 ft. and 15 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 15 ft. to 3 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

Water Well Record
Bureau of Water
2600 Bull Street, Columbia, SC 29201-1708; (803) 898-4300

Note: *Personal information provided on this document is subject to public scrutiny or release.*

1. WELL OWNER INFORMATION:
Name: Siddhi Ganesh 2 LLC (last) (first)
Address: 205 Fairway Drive
City: Laurens State: SC Zip: -
Telephone: Work: Home:

2. LOCATION OF WELL: **COUNTY:** Greenwood
Name: One Stop Marina
Street Address: 5121 Old Laurens Rd
City: Greenwood Zip:
Latitude: Longitude:

3. PUBLIC SYSTEM NAME: **PUBLIC SYSTEM NUMBER:**
18888 MW-4

4. ABANDONMENT: ☐ Yes ☑ No
Give Details Below
Grouted Depth: from _____ ft. to _____ ft.

Formation Description	*Thickness of Stratum	Depth to Bottom of Stratum
See Geologist's Log	15	15
*Indicate Water Bearing Zones (Use a 2nd sheet if needed)		
5. REMARKS:		

6. TYPE: ☐ Mud Rotary ☐ Jetted ☐ Bored ☐ Dug ☐ Air Rotary ☐ Driven ☐ Cable tool ☐ Other

7. PERMIT NUMBER: UST#18888

8. USE:
☐ Residential ☐ Public Supply ☐ Process
☐ Irrigation ☐ Air Conditioning ☐ Emergency
☑ Test Well ☑ Monitor Well ☐ Replacement

9. WELL DEPTH (completed) Date Started: 11/27/24
15 ft. Date Completed: 11/27/24

10. CASING: ☑ Threaded ☐ Welded
Diam.: 2"
Type: ☑ PVC ☐ Galvanized ☐ Steel ☐ Other
2 in. to 5 ft. depth
_____ in. to _____ ft. depth
Height: Above/Below Surface _____ ft.
Weight _____ lb./ft.
Drive Shoe? ☐ Yes ☐ No

11. SCREEN:
Type: PVC Diam.: 2"
Slot/Gauge: 0.010 Length: 10'
Set Between: 5 ft. and 15 ft.
_____ ft. and _____ ft.
NOTE: MULTIPLE SCREENS USE SECOND SHEET
Sieve Analysis ☐ Yes (please enclose) ☐ No

12. STATIC WATER LEVEL _____ ft. below land surface after 24 hours

13. PUMPING LEVEL Below Land Surface.
_____ ft. after _____ hrs. Pumping _____ G.P.M.
Pumping Test: ☐ Yes (please enclose) ☐ No
Yield: _____

14. WATER QUALITY
Chemical Analysis ☐ Yes ☐ No Bacterial Analysis ☐ Yes ☐ No
Please enclose lab results.

15. ARTIFICIAL FILTER (filter pack) ☑ Yes ☐ No
Installed from 15 ft. to 3 ft.
Effective size #2 Uniformity Coefficient _____

16. WELL GROUTED? ☑ Yes ☐ No
☑ Neat Cement ☐ Bentonite ☐ Bentonite/Cement ☐ Other _____
Depth: From 1 ft. to 0 ft.

17. NEAREST SOURCE OF POSSIBLE CONTAMINATION: _____ ft. _____ direction
Type _____
Well Disinfected ☐ Yes ☐ No Type: _____ Amount: _____

18. PUMP: Date installed: _____ Not installed ☐
Mfr. Name: _____ Model No.: _____
H.P._____ Volts_____ Length of drop pipe_____ ft. Capacity ____ gpm
TYPE: ☐ Submersible ☐ Jet (shallow) ☐ Turbine ☐ Jet (deep) ☐ Reciprocating ☐ Centrifugal

19. WELL DRILLER: Jason Chiorazzi **CERT. NO.:** 1790
Address: (Print) 2047 Industrial Blvd, Lexington, SC 29072
Level: A B ✓ C D (circle one)
Telephone No.: 8034295001 Fax No.:

20. WATER WELL DRILLER'S CERTIFICATION: This well was drilled under my direction and this report is true to the best of my knowledge and belief.

Signed: _____ Date: 12/18/24
Well Driller

If D Level Driller, provide supervising driller's name:

COPY 1 MAIL TO SCDHEC, COPY 2 TO WELL OWNER, COPY 3 TO WELL DRILLER

APPENDIX F – SLUG TEST DATA

D H E C
PROMOTE PROTECT PROSPER

Summary of Slug Test
Underground Storage Tank Management Division

Site Data

UST Permit #: 17043 County: Greenwood

Facility Name: One Stop Marina Date Performed: December 10, 2024

Slug Data

See Appendix _____ Table _____ Figure _____ for a list of all data measurements. [water level logs, etc. (complete as appropriate)].

Water Level Recovery Data was measured by In-Situ Level Troll with Yuma Tablet
[Hermit Data Logger, Manually with Water Level Indicator, etc. (list method)].

Complete the following table for each well tested.

COMPLETE A SECOND SHEET IF MORE THAN FOUR WELLS ARE TESTED

Slug Test Conducted in Well(s) Number	MW-3	MW-4		
Time Performed (military)	1730	1800		
Static Water Level (feet)	7.87	9.71		
Initial Rise/Drawdown in Well (+/- feet)	1.37	0.752		
Radius of Well Casing (feet)	.083	0.083		
Effective Radius of Well (feet)	0.334	0.334		
Static Saturated Aquifer Thickness (feet)	61.13	59.29		
Length of Well Screen (feet)	10	10		

Calculations

See Appendix _____ Table _____ Figure _____ for calculations (complete as appropriate).

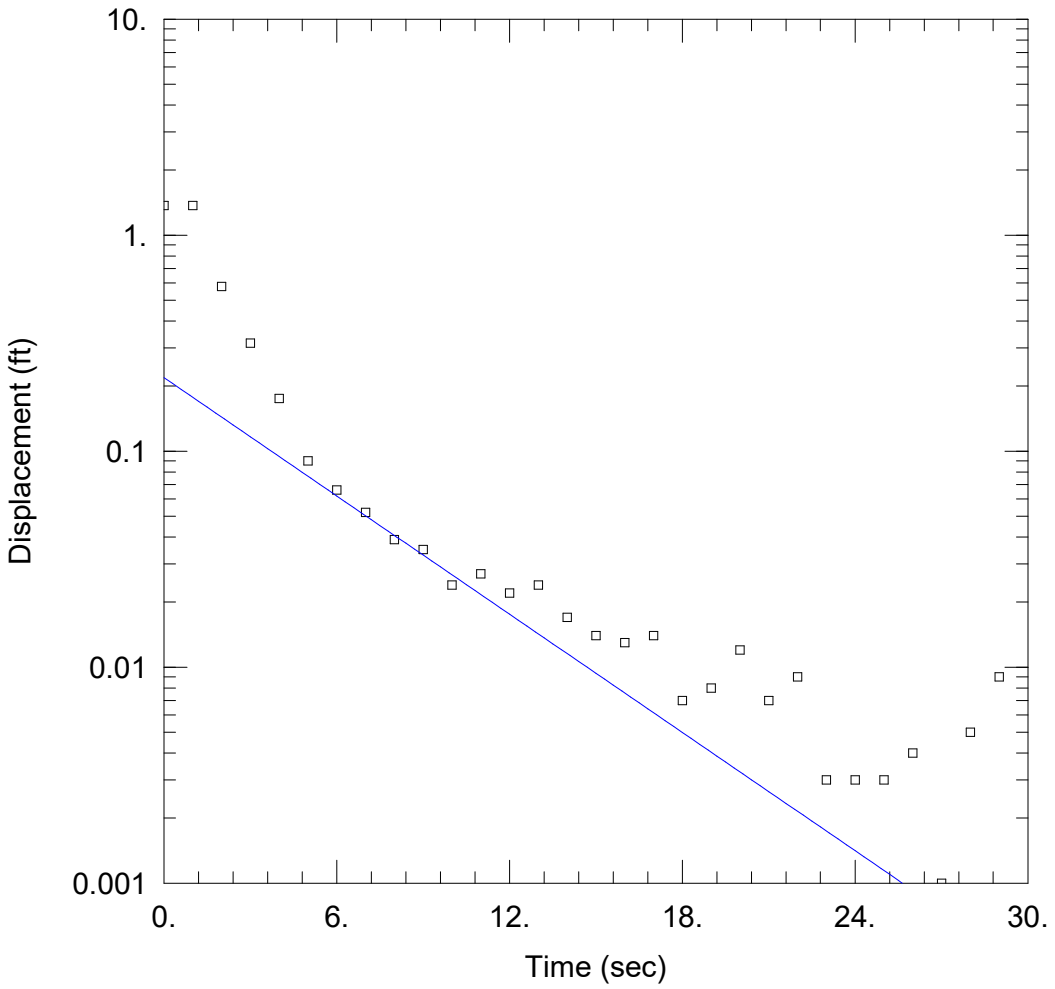
The method for Aquifer calculations was Bouwer-Rice (i.e. Bouwer-Rice, Cooper, etc.).

The Aquifer is ☐ confined ☐ semi-confined ☑ water table (check as appropriate).

A hydraulic gradient of 0.0028

Calculated values by well were as follows:

Slug Test Conducted in Well(s) Number	MW-3	MW-4		
Thickness of Aquifer (feet)	69	69		
Hydraulic Conductivity (feet/ year)	5,240	127.75		
Effective Porosity (%)	0.29	0.24		
Soil Type (i.e., silty sand, clay, etc.)	Silty Sand	Silty Sand		
Seepage Velocity (feet/ year)	50.6	1.5		



MW-3

Data Set:
Date: 12/19/24 Time: 15:04:00

PROJECT INFORMATION

Company: EnviroSouth
Project: 1872
Location: 5121 Old Laurens Rd
Test Date: 12/10/24

AQUIFER DATA

Saturated Thickness: 61.13 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-3)

Initial Displacement: 1.37 ft Static Water Column Height: 7.13 ft
Total Well Penetration Depth: 15. ft Screen Length: 10. ft
Casing Radius: 0.083 ft Well Radius: 0.333 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.005065 cm/sec y0 = 0.2189 ft

Data Set:
Title: MW-3
Date: 12/19/24
Time: 15:04:25

PROJECT INFORMATION

Company: EnviroSouth
Project: 1872
Location: 5121 Old Laurens Rd
Test Date: 12/10/24

AQUIFER DATA

Saturated Thickness: 61.13 ft
Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: MW-3

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 1.37 ft
Static Water Column Height: 7.13 ft
Casing Radius: 0.083 ft
Well Radius: 0.333 ft
Well Skin Radius: 0.334 ft
Screen Length: 10. ft
Total Well Penetration Depth: 15. ft

No. of Observations: 29

Observation Data

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
1.	1.37	16.	0.013
2.	0.578	17.	0.014
3.	0.316	18.	0.007
4.	0.175	19.	0.008
5.	0.09	20.	0.012
6.	0.066	21.	0.007
7.	0.052	22.	0.009
8.	0.039	23.	0.003
9.	0.035	24.	0.003
10.	0.024	25.	0.003
11.	0.027	26.	0.004
12.	0.022	27.	0.001
13.	0.024	28.	0.005
14.	0.017	29.	0.009
15.	0.014		

SOLUTION

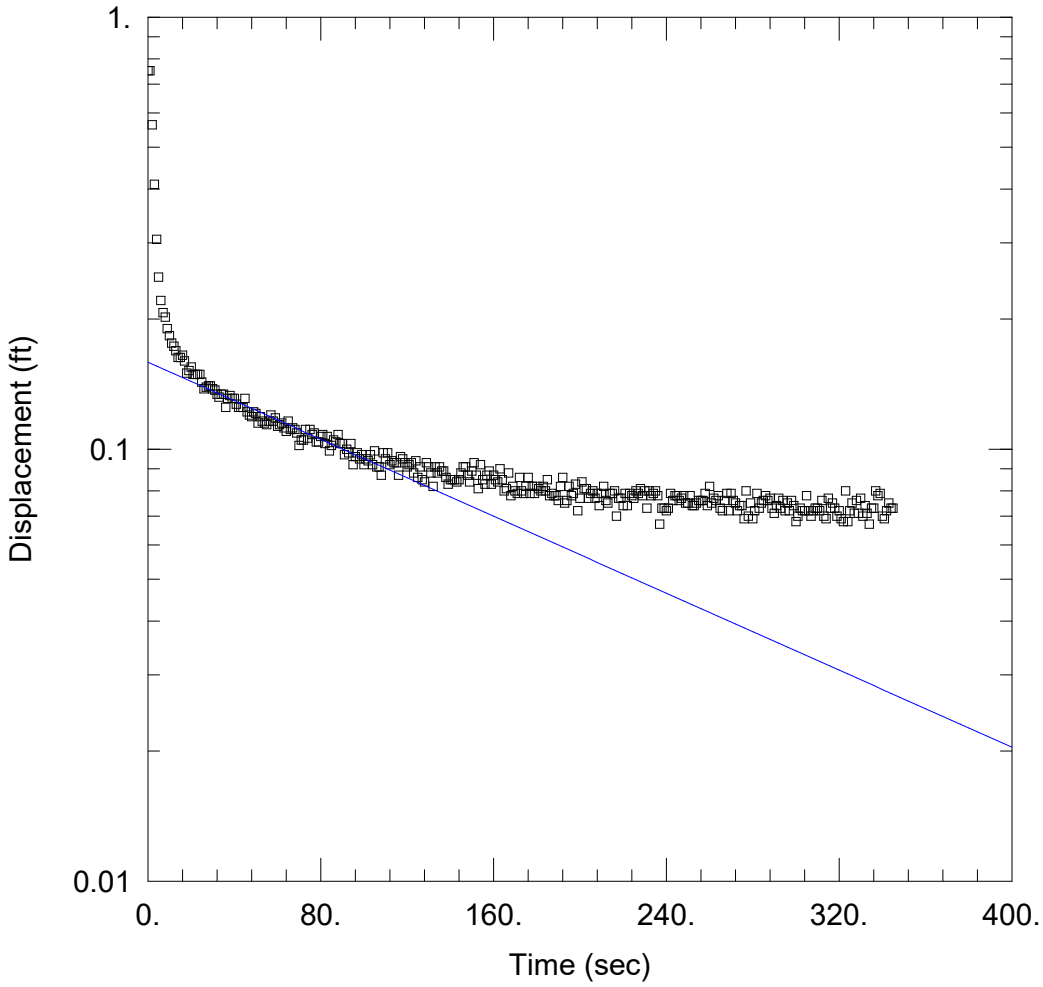
Slug Test
Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 2.296

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	0.005065	cm/sec
y0	0.2189	ft

$T = K*b = 9.437$ cm²/sec



MW-4

Data Set:
Date: 12/19/24 Time: 15:14:04

PROJECT INFORMATION

Company: EnviroSouth
Project: 1872
Location: 5121 Old Laurens Rd
Test Date: 12/10/24

AQUIFER DATA

Saturated Thickness: 59.29 ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (MW-4)

Initial Displacement: 0.752 ft Static Water Column Height: 5.29 ft
Total Well Penetration Depth: 15. ft Screen Length: 10. ft
Casing Radius: 0.083 ft Well Radius: 0.333 ft

SOLUTION

Aquifer Model: Unconfined Solution Method: Bouwer-Rice

K = 0.0001238 cm/sec y0 = 0.1589 ft

Data Set:
Title: MW-4
Date: 12/19/24
Time: 15:14:23

PROJECT INFORMATION

Company: EnviroSouth
Project: 1872
Location: 5121 Old Laurens Rd
Test Date: 12/10/24

AQUIFER DATA

Saturated Thickness: 59.29 ft
Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: MW-4

X Location: 0. ft
Y Location: 0. ft

Initial Displacement: 0.752 ft
Static Water Column Height: 5.29 ft
Casing Radius: 0.083 ft
Well Radius: 0.333 ft
Well Skin Radius: 0.334 ft
Screen Length: 10. ft
Total Well Penetration Depth: 15. ft

No. of Observations: 345

Observation Data

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
1.	0.752	174.	0.079
2.	0.563	175.	0.082
3.	0.41	176.	0.086
4.	0.306	177.	0.079
5.	0.25	178.	0.082
6.	0.221	179.	0.079
7.	0.207	180.	0.082
8.	0.202	181.	0.081
9.	0.19	182.	0.08
10.	0.183	183.	0.082
11.	0.176	184.	0.08
12.	0.173	185.	0.085
13.	0.169	186.	0.078
14.	0.163	187.	0.079
15.	0.163	188.	0.078
16.	0.165	189.	0.078
17.	0.16	190.	0.076
18.	0.15	191.	0.082

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
19.	0.152	192.	0.086
20.	0.155	193.	0.075
21.	0.149	194.	0.076
22.	0.149	195.	0.082
23.	0.149	196.	0.078
24.	0.149	197.	0.079
25.	0.143	198.	0.083
26.	0.138	199.	0.072
27.	0.139	200.	0.077
28.	0.14	201.	0.084
29.	0.14	202.	0.081
30.	0.138	203.	0.081
31.	0.137	204.	0.077
32.	0.134	205.	0.079
33.	0.132	206.	0.08
34.	0.134	207.	0.077
35.	0.134	208.	0.079
36.	0.125	209.	0.074
37.	0.131	210.	0.079
38.	0.133	211.	0.082
39.	0.131	212.	0.076
40.	0.131	213.	0.075
41.	0.127	214.	0.079
42.	0.125	215.	0.079
43.	0.125	216.	0.08
44.	0.125	217.	0.07
45.	0.131	218.	0.077
46.	0.122	219.	0.077
47.	0.12	220.	0.074
48.	0.119	221.	0.079
49.	0.122	222.	0.074
50.	0.121	223.	0.079
51.	0.115	224.	0.078
52.	0.119	225.	0.077
53.	0.116	226.	0.08
54.	0.115	227.	0.079
55.	0.114	228.	0.081
56.	0.116	229.	0.078
57.	0.12	230.	0.08
58.	0.116	231.	0.073
59.	0.118	232.	0.08
60.	0.113	233.	0.078
61.	0.114	234.	0.079
62.	0.115	235.	0.08
63.	0.112	236.	0.078
64.	0.11	237.	0.067
65.	0.116	238.	0.073
66.	0.111	239.	0.073
67.	0.112	240.	0.072
68.	0.111	241.	0.073
69.	0.109	242.	0.079
70.	0.102	243.	0.076
71.	0.105	244.	0.078

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
72.	0.105	245.	0.078
73.	0.111	246.	0.076
74.	0.106	247.	0.077
75.	0.111	248.	0.078
76.	0.108	249.	0.075
77.	0.109	250.	0.075
78.	0.104	251.	0.078
79.	0.104	252.	0.074
80.	0.107	253.	0.074
81.	0.108	254.	0.075
82.	0.103	255.	0.076
83.	0.107	256.	0.076
84.	0.099	257.	0.076
85.	0.102	258.	0.079
86.	0.105	259.	0.074
87.	0.104	260.	0.082
88.	0.108	261.	0.075
89.	0.103	262.	0.077
90.	0.103	263.	0.076
91.	0.097	264.	0.078
92.	0.1	265.	0.073
93.	0.098	266.	0.072
94.	0.103	267.	0.076
95.	0.092	268.	0.079
96.	0.096	269.	0.072
97.	0.098	270.	0.079
98.	0.095	271.	0.076
99.	0.097	272.	0.075
100.	0.092	273.	0.072
101.	0.095	274.	0.074
102.	0.094	275.	0.074
103.	0.097	276.	0.069
104.	0.092	277.	0.08
105.	0.099	278.	0.07
106.	0.091	279.	0.075
107.	0.091	280.	0.069
108.	0.087	281.	0.072
109.	0.098	282.	0.079
110.	0.095	283.	0.073
111.	0.098	284.	0.075
112.	0.092	285.	0.076
113.	0.094	286.	0.078
114.	0.093	287.	0.076
115.	0.093	288.	0.077
116.	0.087	289.	0.073
117.	0.096	290.	0.071
118.	0.095	291.	0.074
119.	0.093	292.	0.077
120.	0.091	293.	0.073
121.	0.092	294.	0.076
122.	0.093	295.	0.072
123.	0.088	296.	0.075
124.	0.094	297.	0.072

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
125.	0.086	298.	0.076
126.	0.091	299.	0.074
127.	0.085	300.	0.068
128.	0.084	301.	0.07
129.	0.093	302.	0.073
130.	0.091	303.	0.072
131.	0.088	304.	0.072
132.	0.082	305.	0.078
133.	0.091	306.	0.072
134.	0.088	307.	0.07
135.	0.091	308.	0.072
136.	0.089	309.	0.073
137.	0.089	310.	0.073
138.	0.086	311.	0.072
139.	0.083	312.	0.076
140.	0.085	313.	0.07
141.	0.085	314.	0.069
142.	0.085	315.	0.077
143.	0.084	316.	0.073
144.	0.085	317.	0.075
145.	0.088	318.	0.073
146.	0.091	319.	0.07
147.	0.091	320.	0.072
148.	0.087	321.	0.069
149.	0.084	322.	0.068
150.	0.089	323.	0.08
151.	0.093	324.	0.068
152.	0.087	325.	0.072
153.	0.081	326.	0.075
154.	0.092	327.	0.071
155.	0.085	328.	0.076
156.	0.083	329.	0.071
157.	0.087	330.	0.077
158.	0.089	331.	0.07
159.	0.083	332.	0.074
160.	0.087	333.	0.071
161.	0.085	334.	0.067
162.	0.084	335.	0.073
163.	0.09	336.	0.073
164.	0.085	337.	0.08
165.	0.08	338.	0.078
166.	0.081	339.	0.079
167.	0.088	340.	0.07
168.	0.078	341.	0.069
169.	0.082	342.	0.072
170.	0.08	343.	0.075
171.	0.079	344.	0.073
172.	0.086	345.	0.073
173.	0.08		

SOLUTION

Slug Test

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
ln(Re/rw): 2.299

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	0.0001238	cm/sec
y0	0.1589	ft

T = K*b = 0.2237 cm²/sec

APPENDIX G – WASTE DISPOSAL MANIFESTS

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

3. Generator's Name and Mailing Address
EnviroSouth
5121 Old Laurens Road, ~~Greenville~~ Greenwood, SC
4. Generator's Phone ( )

One Stop Marina
1872

5. Transporter 1 Company Name
EnviroSouth, inc.

6. US EPA ID Number

A. State Transorter's ID
B. Transporter 1 Phone

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
elabs
15 Sulphur Springs Rd, Greenville, SC

10. US EPA ID Number

E. State Facility's ID
F. Facility's Phone

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Petroleum Contact water	1	drum	4.25	gal
b.				
c.				
d.				

G. Additonal Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

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: Trevor Hudson
Signature:
Date: Month 12 Day 19 Year 24

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Trevor Hudson
Signature:
Date: Month 12 Day 19 Year 24

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Date: Month Day Year

FACILITY

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: Kevin Poe
Signature:
Date: Month 12 Day 19 Year 24

NON-HAZARDOUS WASTE

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PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Rev. 3/95

INBOUND
02:47 PM Dec/05/2024
ID: 28286
23120 lb

OUTBOUND
03:04 PM Dec/05/2024
ID: 28286
23120 lb G
17680 lb PT
~~5440 lb~~ N 3020 lbs

regulatory solutions, inc.

CUSTOMER NAME: Verco

GENERATOR: ~~2285 Boundary St/401 Lee St~~ 572 Old Cavfc-5 Rd

TRUCK/CONTAINER #:

MANIFEST #: 43541

WEIGHER (INITIALS):

28286

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
			43541

GENERATOR

5. Generator's Name and Mailing Address: VERCO, 2047 Industrial Blvd, Lexington, SC 29072
Generator's Phone: (803) 429-5001

Generator's Site Address (if different than mailing address): One Stop Mining, 5121 old Laurens Rd, Greenwood, SC

6. Transporter 1 Company Name: VERCO — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Regulatory Solutions, 40 Pascon ct, Gaston, SC — U.S. EPA ID Number:

Facility's Phone:

	9. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	~~Non Hazardous / Non Impacted~~ SOIL	A	D			
2.	Non Hazardous / Non Impacted Soil / Mud	5	D			3020 lbs
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Christopher Scott Jr — Signature: C Scott — Month: 12 Day: 5 Year: 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Diego Gomez — Signature — Month: 12 Day: 05 Year: 24

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Savannah Peele — Signature: Savannah Peele — Month: 12 Day: 5 Year: 24

6-NHM-C-SO-1158

1-DESIGNATED FACILITY TO DESTINATION

APPENDIX H – CONTRACTOR CHECKLIST

Contractor Checklist

For each report submitted to the UST Management Division, the contractor will be required to verify that all data elements for the required scope of work have been provided. For items not required for the scope of work, the N/A box should be checked. For items required and not completed or provided, the "No" box should be checked and a thorough description of the reason must be provided.

Item #	Item	Yes	No	N/A
1	Is Facility Name, Permit #, and address provided?	✓		
2	Is UST Owner/Operator name, address, & phone number provided?	✓		
3	Is name, address, & phone number of current property owner provided?	✓		
4	Is the SCDHEC Certified UST Site Rehabilitation Contractor's Name, Address, telephone number, and certification number provided?	✓		
5	Is the name, address, telephone number, and certification number of the well driller that installed borings/monitoring wells provided?	✓		
6	Is the name, address, telephone number, and certification number of the certified laboratory(ies) performing analytical analyses provided?	✓		
7	Has the facility history been summarized?	✓		
8	Has the regional geology and hydrogeology been described?	✓		
9	Are the receptor survey results provided as required?	✓		
10	Has current use of the site and adjacent land been described?	✓		
11	Has the site-specific geology and hydrogeology been described?	✓		
12	Has the primary soil type been described?	✓		
13	Have field screening results been described?			✓
14	Has a description of the soil sample collection and preservation been detailed?	✓		
15	Has the field screening methodology and procedure been detailed?			✓
16	Has the monitoring well installation and development dates been provided?	✓		
17	Has the method of well development been detailed?	✓		
18	Has justification been provided for the locations of the monitoring wells?	✓		
19	Have the monitoring wells been labeled in accordance with the UST QAPP guidelines?	✓		
20	Has the groundwater sampling methodology been detailed?	✓		
21	Have the groundwater sampling dates and groundwater measurements been provided?	✓		
22	Has the purging methodology been detailed?	✓		
23	Has the volume of water purged from each well been provided along with measurements to verify that purging is complete?	✓		
24	If free-product is present, has the thickness been provided?			✓
25	Does the report include a brief discussion of the assessment done and the results?	✓		
26	Does the report include a brief discussion of the aquifer evaluation and results?	✓		
27	Does the report include a brief discussion of the fate & transport models used?			✓

Item #	Item	Yes	No	N/A
28	Are the site-conceptual model tables included? (Tier 1 Risk Evaluation)	✓		
29	Have the exposure pathways been analyzed? (Tier 2 Risk Evaluation)			✓
30	Have the SSTLs for each compound and pathway been calculated? (Tier 2 Risk Evaluation)			✓
31	Have recommendations for further action been provided and explained?	✓		
32	Has the soil analytical data for the site been provided in tabular format? (Table 1)	✓		
33	Has the potentiometric data for the site been provided in tabular format? (Table 2)	✓		
34	Has the current and historical laboratory data been provided in tabular format?	✓		
35	Have the aquifer characteristics been provided and summarized on the appropriate form?	✓		
36	Have the Site conceptual model tables been included? (Tier 1 Risk Evaluation)	✓		
37	Has the topographic map been provided with all required elements? (Figure 1)	✓		
38	Has the site base map been provided with all required elements? (Figure 2)	✓		
39	Have the CoC site maps been provided? (Figure 3 & Figure 4)	✓		
40	Has the site potentiometric map been provided? (Figure 5)	✓		
41	Have the geologic cross-sections been provided? (Figure 6)			✓
42	Have maps showing the predicted migration of the CoCs through time been provided? (Tier 2 Risk Evaluation)			✓
43	Has the site survey been provided and include all necessary elements? (Appendix A)	✓		
44	Have the sampling logs, chain of custody forms, and the analytical data package been included with all required elements? (Appendix B)	✓		
45	Is the laboratory performing the analyses properly certified?	✓		
46	Has the tax map been included with all necessary elements? (Appendix C)	✓		
47	Have the soil boring/field screening logs been provided? (Appendix D)	✓		
48	Have the well completion logs, DHEC Form 2099, and DHEC Form 1903 been provided? (Appendix E)	✓		
49	Have the aquifer evaluation forms, data, graphs, equations, etc. been provided? (Appendix F)	✓		
50	Have the disposal manifests been provided? (Appendix G)	✓		
51	Has a copy of the local zoning regulations been provided? (Appendix H)			✓
52	Has all fate and transport modeling been provided? (Appendix I)			✓
53	Have copies of all access agreements obtained by the contractor been provided? (Appendix J)			✓
54	Has a copy of this form been attached to the final report and are explanations for any missing or incomplete data been provided?	✓		

SC DEPARTMENT *of*
ENVIRONMENTAL SERVICES

Niki Hill
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
2600 Bull Street
Columbia, SC 29201

SIDDHI GANESH 2 LLC
205 FAIRWAY DRIVE
LAURENS SC 29360

MAR 13 2025

UST 5 Tech DOCKETING

Re: **Site-Specific Work Plan Request for Tier II Assessment**
One Stop Marina, 5121 Old Laurens Rd., Greenwood, SC
UST Permit #17043
Releases #2 & 3 reported February 3, 2025
Tier I report received February 7, 2025
Greenwood County

To Whom It May Concern:

The Underground Storage Tank Management (UST Division) of the S.C. Department of Environmental Services (SCDES) has reviewed the referenced report submitted by your contractor. The report documents petroleum chemicals in the soil and/or groundwater above Risk-Based Screening Levels.

To determine what risk the referenced release may pose to human health and the environment, in accordance with Section 280.65 of the S.C. UST Control Regulations R.61-92, implementation of a Tier II Assessment is necessary. The assessment must be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and all applicable regulations. The QAPP is available at des.sc.gov/programs/bureau-land-waste-management/underground-storage-tanks/ust-quality-assurance-program-plan-qapp.

Your contractor must complete the Site Specific Work Plan and submit it within 30 days from the date of this letter. Every component may not be necessary to complete the above scope of work. The State Underground Petroleum Environmental Response Bank (SUPERB) Account allowable cost for each component is included on the Assessment Component Cost Agreement Form. **Please note that approval from SCDES must be issued before work begins**.

If the plan cannot be submitted by the required due date, an extension may be requested by submitting a written request, either via postal mail or email, to my attention prior to the due date. The Department will issue a Notice of Alleged Violation if the report is not submitted by the required due date.

Please be aware that the above referenced release is not currently qualified for funding from the State Underground Petroleum Environmental Response Bank (SUPERB) Account. SUPERB funds cannot be expended for site rehabilitation until a completed SUPERB application is on file with the UST Division and the release is determined to be qualified for funding from the SUPERB Account. The SUPERB application form should be completed and sent to this office to the attention of Denise Place for review. A copy of the SUPERB application has been enclosed.

Please note that in accordance with R.61-92, Subpart H, Section 280.114, you are required to notify the UST Division by certified mail within ten (10) days of commencing a voluntary or involuntary proceeding in bankruptcy.

Our records indicate that a site rehabilitation contractor has not been selected for this release. The enclosed form should be completed and returned to my attention within fifteen (15) days of the date of this letter. A list of certified contractors is enclosed for your information.

On all correspondence concerning this site, please reference the above UST Permit number. Should you have any questions, please contact me by phone at (803) 898-0599, by fax at (803) 898-0673, or by email at Niki.Hill@des.sc.gov.

Sincerely,

Niki Hill, Hydrogeologist

enc: SUPERB Application
Owner/Operator Lead Information Form
Certified Contractors List

cc: Technical file (w/ Owner/Operator Lead Info Form)

Owner/Operator Contractor Selection Form
Underground Storage Tank (UST) Management Division

1. CONTRACTOR OF CHOICE

As the current or former UST Owner/Operator and the designated party responsible for the confirmed release reported on the date and permit number provided.	Date:	Permit Number:
I would like to use the contractor listed below and request that they represent me for:	☐ Directed work scope: ☐ All future site rehabilitation scopes, except pay-for-performance contract solicitation.	
Name of Contractor:		
Address:		
City:	State:	Zip:
Telephone Number: ( )	UCC Number:	

NOTE: After September 20, 1997, rehabilitation activities must be performed by a S.C. Certified Site Rehabilitation Contractor per Section 44-2-120(A) of the SUPERB Act and Section IV(A) of the S.C. DHEC SUPERB Site Rehabilitation and Fund Access Regulation R.61-98.

2. FINANCIAL OR FAMILIAL RELATIONSHIP

Does a financial or familial relationship, as defined below, exist between you and the contractor/person that you listed above?	◯ Yes ◯ No	O/O Initial:

FINANCIAL RELATIONSHIP: A connection or association through a material interest of sources of income which exceed five percent of annual gross income from a business entity.

FAMILIAL RELATIONSHIP: A connection or association by family or relatives, in which a family member or relative has a material interest. Family or relatives include: father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, half sister, grandparent, grandchild, great-grandchild, step-grandparent, step-great-grandparent, step-grandchild, step-great-grandchild or fiancée.

3. PAYMENT

A. The first $25,000.00 in eligible site rehabilitation costs for releases reported subsequent to July 1, 1993 will be applied against the applicable SUPERB deductible per Section 44-2-40(D) of the SUPERB Act, upon submittal of the canceled check (front and back) or a notarized statement from the contractor verifying payment.

B. For eligible costs exceeding the $25,000.00 deductible, you can pay the contractor and, upon the submittal of the canceled check (front and back) or a notarized statement from the contractor verifying payment, be compensated from the SUPERB Account, or have payment issued directly from the SUPERB Account to the contractor. (Check one.)

◯ For eligible costs exceeding the deductible, I request that payment be made to me after I have paid the contractor.	O/O Initial:
– OR –	
◯ For eligible costs exceeding the deductible, I request that payment be made directly to the contractor.	O/O Initial:

C. If the release qualifies under amnesty (reported prior to July 1, 1993) per Section 44-2-40(B) of the SUPERB Act, you can pay the contractor and be compensated from the SUPERB Account, or have payment issued directly from the SUPERB Account to the contractor. (Check one.)

◯ For eligible costs, I request that payment be made to me after I have paid the contractor.	O/O Initial:
– OR –	
◯ For eligible costs, I request that payment be made directly to the contractor.	O/O Initial:

NOTE: As required by the SUPERB Act, all costs must receive prior financial approval from DHEC regardless of payment option.

4. UST OWNER/OPERATOR OR PARTY RESPONSIBLE FOR ABOVE REFERENCED RELEASE

Signature:	Date Signed:
Printed Name:	Telephone Number: ( )
Affiliation (if applicable):	Email Address:

N. Hill

RECEIVED
MAR 14 2025
UST DIVISION

Owner/Operator Contractor Selection Form
Underground Storage Tank (UST) Management Division

UST DOCKETING 6T

1. CONTRACTOR OF CHOICE

As the current or former UST Owner/Operator and the designated party responsible for the confirmed release reported on the date and permit number provided.	Release Report Date: 2/3/2025 - Releases 2 & 3	Permit Number: 17043

I would like to use the contractor listed below to conduct all site rehabilitation work for the referenced release reported above:

Name of Contractor: EnviroSouth, Inc.

Address: 3440 Augusta Road

City: Greenville	State: South Carolina	Zip: 29605
Telephone Number: 864-236-9010	Certification Number: 257	

NOTE: Site rehabilitation activities must be performed by a S.C. Certified Site Rehabilitation Contractor per Section 44-2-120(A) of the SUPERB Act and Section IV(A) of the S.C. DHEC SUPERB Site Rehabilitation and Fund Access Regulation R.61-98.

2. FINANCIAL OR FAMILIAL RELATIONSHIP

Does a financial or familial relationship, as defined below, exist between you and the contractor/person that you listed above?	☐ Yes ☑ No	O/O Initial: AP

FINANCIAL RELATIONSHIP: A connection or association through a material interest of sources of income which exceed five percent of annual gross income from a business entity.

FAMILIAL RELATIONSHIP: A connection or association by family or relatives, in which a family member or relative has a material interest. Family or relatives include: father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, son-in-law, daughter-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, half sister, grandparent, grandchild, great-grandchild, step-grandparent, step-great-grandparent, step-grandchild, step-great-grandchild or fiancée.

3. PAYMENT

A. The first $25,000.00 in eligible site rehabilitation costs for releases reported subsequent to July 1, 1993 will be applied against the applicable SUPERB deductible per Section 44-2-40(D) of the SUPERB Act, upon submittal of the canceled check (front and back) or a notarized statement from the contractor verifying payment.

B. For eligible costs exceeding the $25,000.00 deductible, you can pay the contractor and, upon the submittal of the canceled check (front and back) or a notarized statement from the contractor verifying payment, be compensated from the SUPERB Account, or have payment issued directly from the SUPERB Account to the contractor. (Check one.)

☐ For eligible costs exceeding the deductible, I request that payment be made to me after I have paid the contractor.	O/O Initial:
– OR –	
☑ For eligible costs exceeding the deductible, I request that payment be made directly to the contractor.	O/O Initial: AP

C. If the release qualifies under amnesty (reported prior to July 1, 1993) per Section 44-2-40(B) of the SUPERB Act, you can pay the contractor and be compensated from the SUPERB Account, or have payment issued directly from the SUPERB Account to the contractor. (Check one.)

☐ For eligible costs, I request that payment be made to me after I have paid the contractor.	O/O Initial:
– OR –	
☐ For eligible costs, I request that payment be made directly to the contractor.	O/O Initial:

NOTE: As required by the SUPERB Act, all costs must receive prior financial approval from DHEC regardless of payment option.

4. UST OWNER/OPERATOR OR PARTY RESPONSIBLE FOR ABOVE REFERENCED RELEASE

Signature: Ankur Patel	Date Signed: 03/11/2025
Printed Name: Ankur Patel	Telephone Number: ( ) 864-354-1729
Affiliation (if applicable):	Email Address: avpatelin@yahoo.com

ENVIROSOUTH
Environmental Consultants

RECEIVED
MAR 20 2025
UST DIVISION

March 20, 2025

UST
7T
DOCKETING

Ms. Niki Hill
SCDHEC
UST Management Division
Bureau of Land & Waste Management
2600 Bull Street
Columbia, South Carolina 29201

Re: Site-Specific Work Plan
One Stop Marina
5121 Old Laurens Road
Greenwood, South Carolina
SCDHEC Site ID No. 17043
EnviroSouth Job No. 1872

Dear Ms. Hill:

On behalf of One Stop Marina, EnviroSouth is pleased to provide you with the attached Site-Specific Work Plan for the above-referenced property.

If you have any questions concerning this work plan or need additional information, please do not hesitate to contact us.

Sincerely,

EnviroSouth, Inc.

M. Allen Meadows
Environmental Engineer

cc: Mr. Ankur Patel, Siddhi Ganesh 2, LLC

Site-Specific Work Plan for Approved ACQAP
Underground Storage Tank Management Division

RECEIVED
MAR 20 2025
UST DIVISION

To: Ms. Niki Hill (SCDHEC Project Manager)
From: Mr. William H. Lyons, P.G. (Contractor Project Manager)
Contractor: EnviroSouth, Inc. UST Contractor Certification Number: 257

Facility Name: One Stop Marina UST Permit #: 17043
Facility Address: 5121 Old Laurens Road, Greenwood, South Carolina 29649
Responsible Party: Siddhi Ganesh 2, LLC Phone: 864-364-1729
RP Address: 205 Fairway Drive, Laurens, South Carolina 29360
Property Owner (if different):
Property Owner Address:
Current Use of Property: Convenience Store and Gas Station (also used for boat refueling)

UST DOCKETING 7T

Scope of Work (Please check all that apply)

- ☐ IGWA
- ☑ Tier II
- ☐ Groundwater Sampling
- ☐ GAC
- ☐ Tier I
- ☐ Monitoring Well Installation
- ☐ Other

Analyses (Please check all that apply)

Groundwater/Surface Water:

- ☑ BTEXNMDCA (8260D)
- ☑ Oxygenates (8260D)
- ☑ EDB (8011)
- ☑ PAH (8270E)
- ☑ Lead
- ☐ 8 RCRA Metals
- ☐ TPH
- ☐ pH
- ☐ BOD
- ☐ Nitrate
- ☐ Sulfate
- ☐ Other
- ☐ Methane
- ☐ Ethanol
- ☐ Dissolved Iron

Drinking Water Supply Wells:

- ☑ BTEXNMDCA (524.2)
- ☑ Oxygenates & Ethanol (8260D)
- ☐ Mecury (200.8 245.1 or 245.2)
- ☐ RCRA Metals (200.8)
- ☑ EDB (504.1)

Soil:

- ☑ BTEXNM
- ☑ PAH
- ☑ Lead
- ☐ RCRA Metals
- ☐ Oil & Grease (9071)
- ☐ TPH-DRO (3550B/8015B)
- ☐ TPH-GRO (5030B/8015B)
- ☑ Grain Size
- ☐ TOC

Air:

- ☐ BTEXN

Sample Collection (Estimate the number of samples of each matrix that are expected to be collected.)

66 Soil	3 Water Supply Wells	Air	4 Field Blank
28 Monitoring Wells	2 Surface Water	3 Duplicate	4 Trip Blank

Field Screening Methodology

Estimate number and total completed depth for each point, and include their proposed locations on the attached map.

of shallow points proposed: 29 Estimated Footage: 15 feet per point
of deep points proposed: 29 intermediate and 29 deep Estimated Footage: 35 (intermediate) and 55 (deep) feet per point
Field Screening Methodology: Samples will be collected, screened with an OVA, and sent to a certified laboratory for analysis of BTEXMN.

Permanent Monitoring Wells

Estimate number and total completed depth for each well, and include their proposed locations on the attached map.

of shallow wells: 10 Estimated Footage: 15 feet per point
of deep wells: 7 intermediate and 7 deep Estimated Footage: 35 (intermediate) and 55 (deep) feet per point
of recovery wells: Estimated Footage: feet per point
Comments, if warranted: The SCDES project manager will be consulted on locations prior to installation.

UST Permit #: 17043 Facility Name: One Stop Marina

Implementation Schedule (Number of calendar days from approval)

Field Work Start-Up: 15 Field Work Completion: 60

Report Submittal: 90 # of Copies Provided to Property Owners: _____

Aquifer Characterization

Pump Test: ☐ Slug Test: ☑ (Check one and provide explanation below for choice)

Two (2) intermediate and two (2) deep slug tests will be performed to determine aquifer characteristics.

Investigation Derived Waste Disposal

Soil: 25 Tons Purge Water: 420 Gallons

Drilling Fluids: _____ Gallons Free-Phase Product: _____ Gallons

Additional Details For This Scope of Work

For example, list wells to be sampled, wells to be abandoned/repaired, well pads/bolts/caps to replace, details of AFVR event, etc.

See attached.

Compliance With Annual Contractor Quality Assurance Plan (ACQAP)

Y Laboratory as indicated in ACQAP? (Yes/No) If no, indicate laboratory information below.

Name of Laboratory: _____

SCDHEC Certification Number: _____

Name of Laboratory Director: _____

N Well Driller as indicated in ACQAP? (Yes/No) If no, indicate driller information below.

Name of Well Driller: Jason Chiorazzi, Verco

SCLLR Certification Number: B-1790

N/A Other variations from ACQAP. Please describe below.

Attachments

1. Attach a copy of the relevant portion of the USGS topographic map showing the site location.
2. Prepare a site base map. This map must be accurately scaled, but does not need to be surveyed. The map must include the following:
   - North Arrow
   - Location of property lines
   - Location of buildings
   - Previous soil sampling locations
   - Previous monitoring well locations
   - Proposed soil boring locations
   - Proposed monitoring well locations
   - Legend with facility name and address, UST permit number, and bar scale
   - Streets or highways (indicate names and numbers)
   - Location of all present and former ASTs and USTs
   - Location of all potential receptors
3. Assessment Component Cost Agreement, SCDHEC Form D-3664

SCOPE OF SERVICES

Perform a GPR survey at the site to mark underground storage tanks, dispensers, and product lines. Obtain access agreements and South Carolina Department of Transportation (SCDOT) encroachment permits as needed.

Perform a Tier II investigation at the site.

Install thirty-three (33) soil borings utilizing Geoprobe dual tube (DT-22) technology to determine the approximate extent of petroleum hydrocarbon contamination in the areas around the product lines and dispensers (see Figure 3). Approximately one half of the total number of soil borings will be installed to a depth of 15 feet below ground surface (bgs). The remaining soil borings will be installed to an estimated depth of 20 feet bgs in zones considered to be of increased levels of petroleum contamination (based on previous assessment data). Each soil boring will be analyzed with an photoionization detector (PID) at 1-foot intervals. Soil samples will be collected at the depth of the highest PID reading and at the termination depth of the soil boring. The soil samples will be analyzed for benzene, toluene, ethylbenzene, xylene (total), methyl-tert-butyl ether, and naphthalene (BTEXMN) by EPA method 8260, lead by EPA method 6010, and polynuclear aromatic hydrocarbons (PAHs) by EPA method 8270. Eight (8) soil samples from various intervals will be collected for analysis of grain size with hydrometer

Install eighty-seven (87) temporary groundwater monitoring wells for field screening purposes. An estimated total of twenty-nine (29) shallow field screening points will be installed to a depth of 15 feet bgs in a 40 foot by 40-foot grid. An estimated total of twenty-nine (29) intermediate field screening points will be installed to a depth of 35 feet bgs and an additional twenty-nine (29) deep field screening points are planned to be installed to a depth of 55 feet bgs. Each temporary groundwater monitoring well will be screened with a photoionization detector (PID) within the screened interval. The planned locations of field screening points are shown on Figure 4. Groundwater samples will be collected from all field screening points and sent to a South Carolina certified laboratory for analysis of BTEXMN by EPA method 8260. The number of field screening points and depths will likely be different based on field conditions.

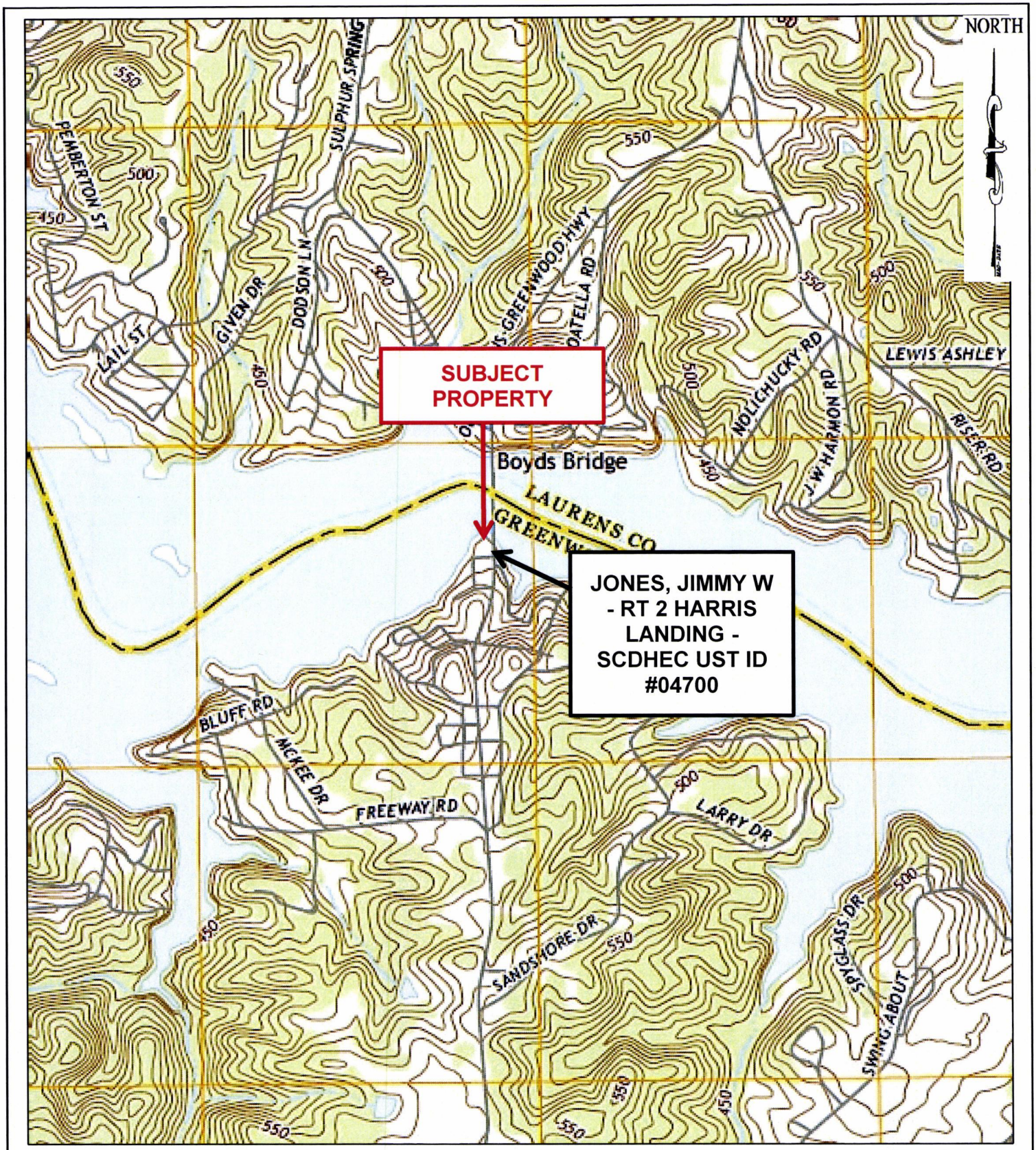
The SCDES project manager will be consulted on the location and number of the permanent wells prior to installation. EnviroSouth estimates that an additional ten (10) shallow wells to a depth of 15 feet, seven (7) intermediate wells to a depth of 35 feet, and seven (7) deep wells to 55 feet will be installed at the site (see Figure 5). After installation, the newly installed monitoring wells will be developed by a licensed driller.

The twenty-eight (28) monitoring wells (4 existing and 24 newly installed) will be purged using a low flow pumping method and field parameters will be recorded on field sheets. The monitoring wells will be sampled and submitted to a certified laboratory for analysis of benzene, toluene, ethylbenzene, xylene, methyl-tert-butyl ether, naphthalene, 1,2-dichloroethane, and oxygenates by EPA method 8260, 1,2-dibromoethane (EDB) by EPA method 8011, PAHs by EPA method

8270, and lead by EPA method 6010. Two (2) intermediate and two (2) deep wells will be slug tested to determine aquifer characteristics.

Based on the previous receptor survey performed during the Tier I investigation, multiple receptors exist within 1,000 feet of the site. Lake Greenwood is located west, northwest, and east of the property. Two (2) surface water samples will be collected from the previous sample locations (SW-1 and SW-2) as shown on Figure 2. The surface water samples will be analyzed for benzene, toluene, ethylbenzene, xylene, methyl-tert-butyl ether, naphthalene, 1,2-dichloroethane, and oxygenates by EPA method 8260, EDB by EPA method 8011, PAHs by EPA method 8270, and lead by EPA method 6010. Additionally, samples will be collected from the on-site water supply well (WSW-1), a water supply well on the adjoining Harris Landing property to the east across Old Laurens Road (WSW-2), and a water supply well to the southeast at 105 Shoreline Drive (WSW-3) along with one (1) duplicate (WSW-Duplicate), one (1) field blank (WSW-FB), and one (1) trip blank (WSW-TB). The water-supply well samples will be analyzed for benzene, toluene, ethylbenzene, xylene, methyl-tert-butyl ether, and 1,2-dichloroethane by EPA method 524.2, oxygenates by EPA method 8260, and EDB by EPA method 504.1.

A comprehensive survey will be performed to tie the newly-installed wells into the existing well network. All investigation derived waste (soil, development water, and purge water) will be properly disposed of and waste disposal manifests will be included in the report. A report documenting field activities and findings with all required documentation will be submitted.



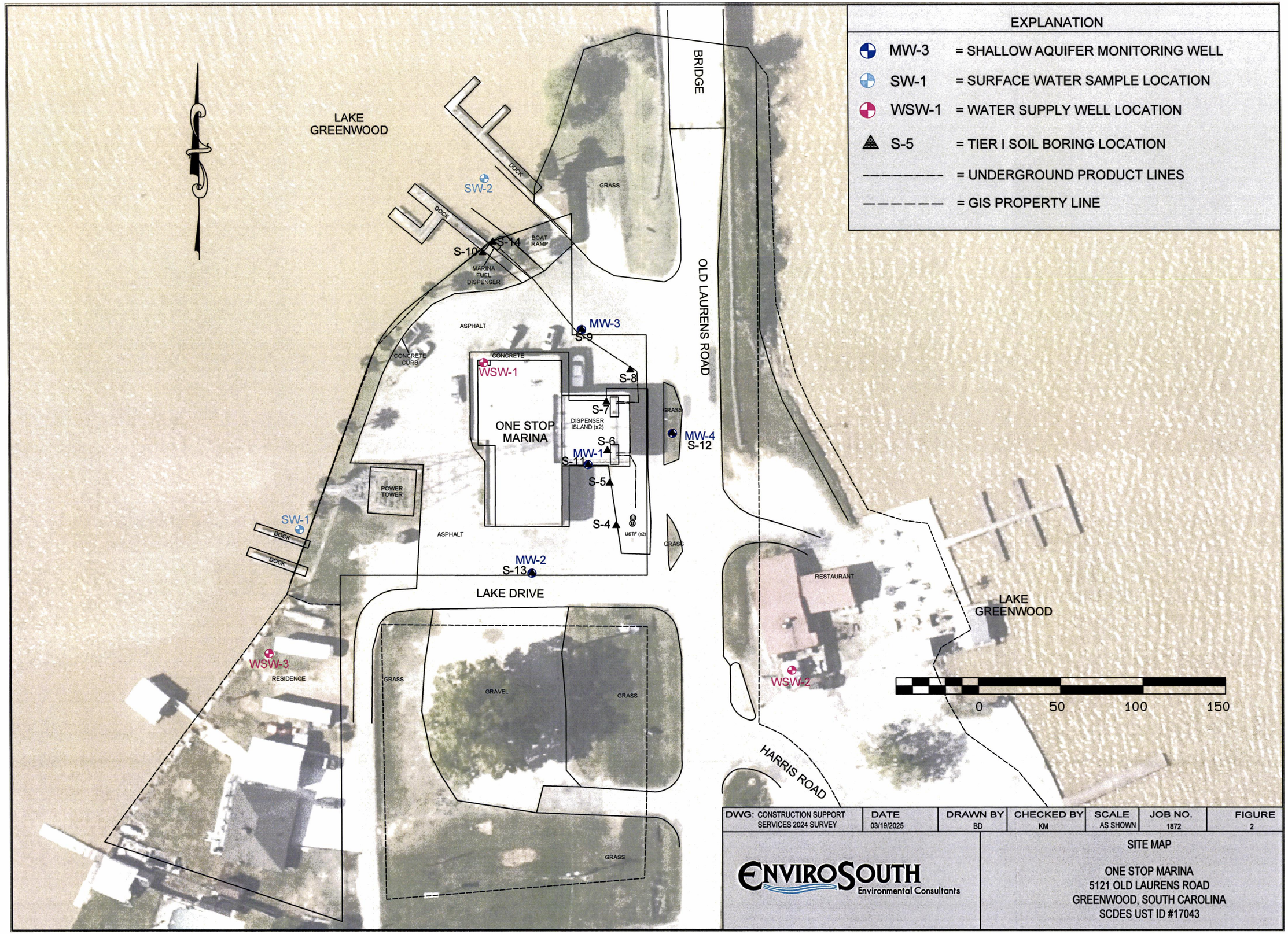
SOURCE: USGS 7.5' QUADRANGLE MAP 2020, WATERLOO, SC

ENVIROSOUTH
Environmental Consultants

SITE VICINITY MAP

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA

JOB NO.: 1872	CHECKED BY: MAM	FIGURE: 1
SCALE: NOT SHOWN	DRAWN BY: BD	DATE: 06/14/2024



DWG: CONSTRUCTION SUPPORT SERVICES 2024 SURVEY	DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
	03/19/2025	BD	KM	AS SHOWN	1872	2

ENVIROSOUTH Environmental Consultants

SITE MAP

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA
SCDES UST ID #17043

EXPLANATION

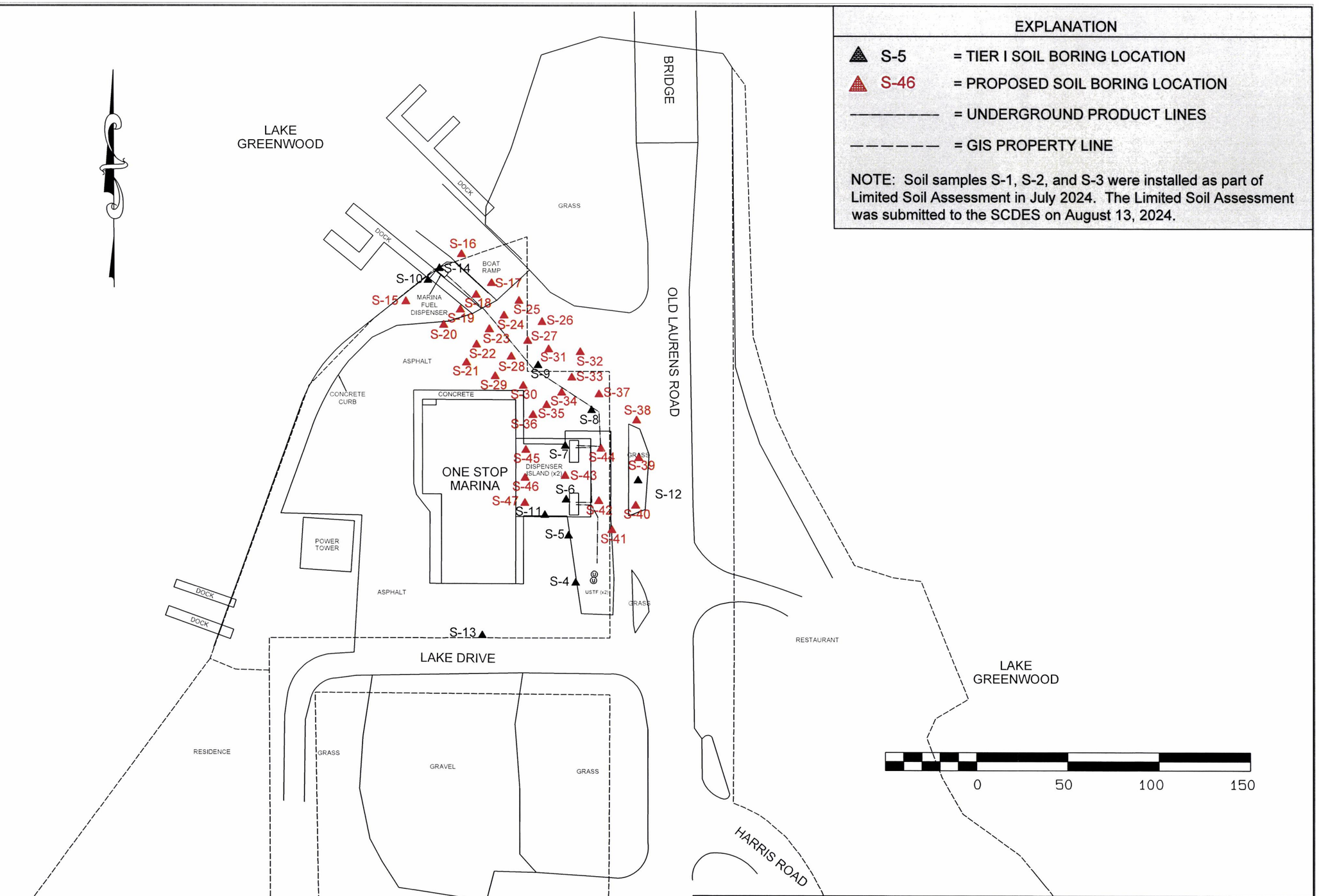
S-5 = TIER I SOIL BORING LOCATION

S-46 = PROPOSED SOIL BORING LOCATION

———— = UNDERGROUND PRODUCT LINES

– – – – – – = GIS PROPERTY LINE

NOTE: Soil samples S-1, S-2, and S-3 were installed as part of Limited Soil Assessment in July 2024. The Limited Soil Assessment was submitted to the SCDES on August 13, 2024.

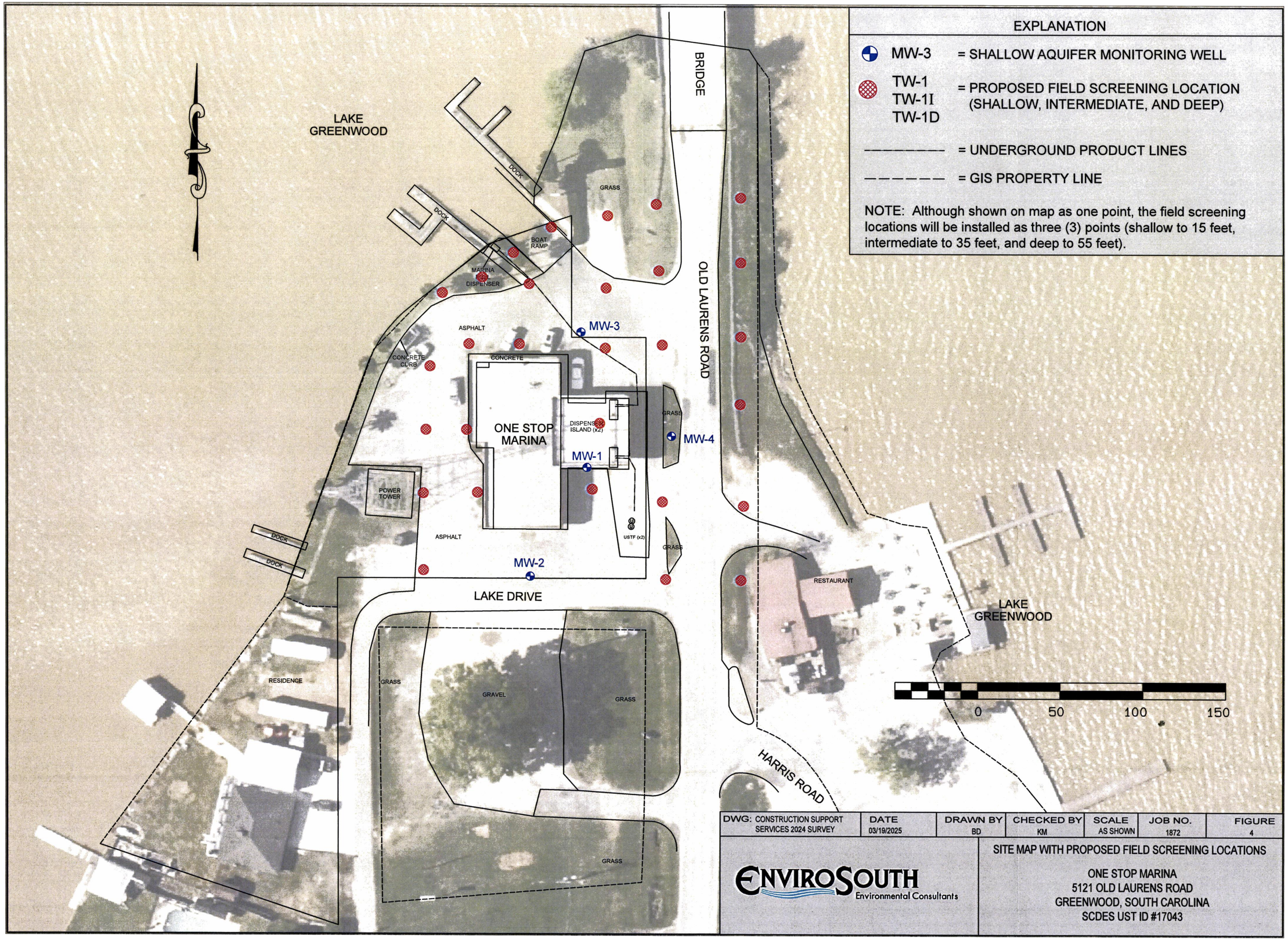


DWG: CONSTRUCTION SUPPORT SERVICES 2024 SURVEY	DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
	03/19/2025	BD	KM	AS SHOWN	1872	3

ENVIROSOUTH Environmental Consultants

SITE MAP WITH PROPOSED SOIL BORING LOCATIONS

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA
SCDES UST ID #17043



EXPLANATION

- MW-3 = SHALLOW AQUIFER MONITORING WELL
- TW-1, TW-1I, TW-1D = PROPOSED FIELD SCREENING LOCATION (SHALLOW, INTERMEDIATE, AND DEEP)
- ———— = UNDERGROUND PRODUCT LINES
- — — — — — = GIS PROPERTY LINE

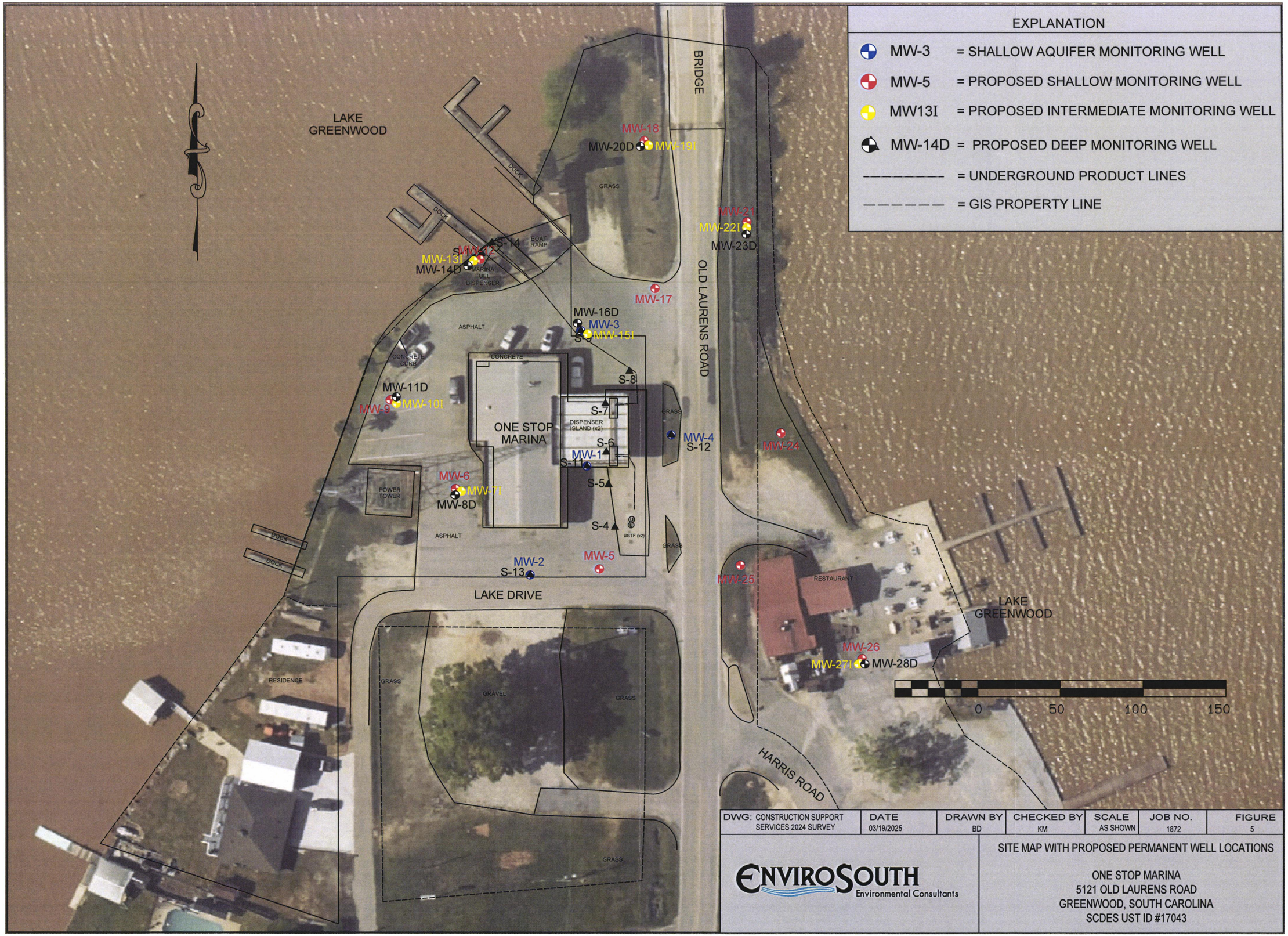
NOTE: Although shown on map as one point, the field screening locations will be installed as three (3) points (shallow to 15 feet, intermediate to 35 feet, and deep to 55 feet).

DWG:	DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
CONSTRUCTION SUPPORT SERVICES 2024 SURVEY	03/19/2025	BD	KM	AS SHOWN	1872	4

ENVIROSOUTH Environmental Consultants

SITE MAP WITH PROPOSED FIELD SCREENING LOCATIONS

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA
SCDES UST ID #17043



DWG: CONSTRUCTION SUPPORT SERVICES 2024 SURVEY	DATE	DRAWN BY	CHECKED BY	SCALE	JOB NO.	FIGURE
	03/19/2025	BD	KM	AS SHOWN	1872	5

ENVIROSOUTH Environmental Consultants

SITE MAP WITH PROPOSED PERMANENT WELL LOCATIONS

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA
SCDES UST ID #17043

ASSESSMENT COMPONENT COST AGREEMENT

South Carolina Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
August 9, 2023

Facility Name: One Stop Marina

UST Permit #: 17043 **Cost Agreement #:**

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. Plan Preparation					
1.2 Site-specific Work Plan	1	each	$183.22		$183.22
2.2 Tax Map		each	$85.50		$0.00
3.2 QAPP Contractor Addendum (App B)		each	$250.00		$0.00
B. Survey					
1.1 Receptor Survey		each	$673.06		$0.00
C. Survey					
1.2 Comprehensive Survey	1	each	$1,270.36		$1,270.36
5.1 Ground Penetrating Radar Survey (100 x 100)	2	each	$1,111.57		$2,223.14
D. Mob/Demob					
1.2 Equipment	2	each	$1,245.93		$2,491.86
2.2 Personnel (1 FS, 1 Drilling, 2 Sampling, 1 Disposal, 1 Slug Test)	6	each	$516.69		$3,100.14
3.2 Adverse Terrain Vehicle		each	$610.75		$0.00
E. Soil Borings					
1.1 Soil Borings (hand auger)		foot	$21.80		$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)					
1.2 Standard	3625	per foot	$33.50		$121,437.50
2.2 Fractured Rock		per foot	$41.40		$0.00
G.					
H. Well Abandonment					
1.2 2" diameter or less	3625	per foot	$3.79		$13,738.75
2.2 Greater than 2" to 6" diameter		per foot	$5.50		$0.00
3.2 Dug/Bored well (up to 6 feet diameter)		per foot	$18.32		$0.00
I. **Well Installation (In accordance with R.61-71)**					
1.2 Water Table (hand augered)		per foot	$31.40		$0.00
2.B Water Table (drill rig) 2" Diameter	745	per foot	$54.90		$40,900.50
2.2 Single-cased 2" Diameter Monitoring Well >50f	35	per foot	$59.80		$2,093.00
3.2 Telescoping		per foot	$84.70		$0.00
4.2 Rock Drilling		per foot	$81.80		$0.00
5.2 2" Rock Coring		per foot	$88.50		$0.00
6.2 Multi-sampling ports/screens		per foot	$59.40		$0.00
7.2 Recovery Well (4" diameter)		per foot	$69.60		$0.00
9.2 Rotosonic (2" diameter)		per foot	$119.00		$0.00
10.2 Re-develop Existing Well		per foot	$13.44		$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product					
1.2 Groundwater Purge		per well	$73.29		$0.00
2.2 Air or Vapors		sample	$14.66		$0.00

3.2 Water Supply Sample	3	sample	$26.87		$80.61
4.1A HydraSleeve		sample	$34.20		$0.00
4.2B No-purge Groundwater Sample/Surface wate	2	sample	$57.24		$114.48
5.2 Gauge Well only		sample	$8.55		$0.00
6.2 Sample Below Product		sample	$14.66		$0.00
7.2 Passive Diffusion Bag		sample	$31.75		$0.00
8.2 Field Duplicates (MWs & WSWs) and Field Bla	7	sample	$30.06		$210.42
9.2 Groundwater (low flow purge)	28	sample	$111.16		$3,112.48
10.2 Equipment Blank		sample	$30.06		$0.00
11.1 Sample Product		per well	$52.66		$0.00
K. Laboratory Analyses-Groundwater					
1.2 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	38	per sample	$149.02		$5,662.76
2.2 Lead, Filtered		per sample	$16.85		$0.00
3.2 Rush EPA Method 8260B		per sample	$187.62		$0.00
4.2 Trimethal, Butyl, and Isopropyl Benzenes		per sample	$34.20		$0.00
5.2 PAH's	35	per sample	$74.02		$2,590.70
6.2 Lead (35 Groundwater, 66 soil)	101	per sample	$19.54		$1,973.54
7.2 EDB by EPA 8011	35	per sample	$55.21		$1,932.35
8.2 EDB by EPA Method 8011 Rush		per sample	$83.31		$0.00
9.2 8 RCRA Metals		per sample	$77.45		$0.00
10.2 TPH (9070)		per sample	$50.09		$0.00
11.2 PH		per sample	$6.35		$0.00
12.2 BOD		per sample	$24.42		$0.00
13.2 Ethanol		per sample	$18.08		$0.00
K. Analyses-Drinking Water					
14.2 BTEXNM+1,2 DCA (524.2)	6	per sample	$151.52		$909.12
15.2 7-OXYGENATES & ETHANOL (8260D)	6	per sample	$112.07		$672.42
16.2 EDB (504.1)	5	per sample	$97.11		$485.55
17.2 RCRA METALS (200.8)		per sample	$122.15		$0.00
K. Analyses-Soil					
18.2 BTEX + Naphth.	66	per sample	$78.18		$5,159.88
19.2 PAH's	66	per sample	$78.22		$5,162.52
20.2 8 RCRA Metals		per sample	$68.89		$0.00
21.2 TPH-DRO (3550C/8015C)		per sample	$48.86		$0.00
22.2 TPH-GRO (5035B/8015C)		per sample	$43.92		$0.00
23.2 Grain size/hydrometer	8	per sample	$127.04		$1,016.32
24.2 Total Organic Carbon		per sample	$37.38		$0.00
K. Analyses-Air					
25.2 BTEX + Naphthalene		per sample	$263.84		$0.00
K. Hydrocarbon Fuel Identification					
27.1 C3-C44 Whole Oil (ASTM D3328)		per sample	$465.93		$0.00
28.1 Fuel Oxygenates (1624 Mod)		per sample	$398.39		$0.00
29.1 ALKYL Leads, EDB MMT (8080)		per sample	$398.39		$0.00
30.1 C8-C40 Full Scan (ASTM 5739)		per sample	$629.64		$0.00
31.1 Simulated Distillation (ASTM 2887)		per sample	$398.39		$0.00
32.1 Parent & Alk. PAH Com. (8270 SIM)		per sample	$723.63		$0.00
33.1 C3-C10 Piano (8260 MOD)		per sample	$599.88		$0.00

34.1 C10+Alkane Fingerprints		per sample	$599.88		$0.00
35.1 Expert Data Interpretation & Report		each	$595.30		$0.00
L. Aquifer Characterization					
1.2 Pumping Test		per hour	$28.09		$0.00
2.2 Slug Test	4	per test	$233.31		$933.24
3.2 Fractured Rock		per test	$122.15		$0.00
M. Free Product					
1.1 Free Product Recovery Rate Test		each	$46.42		$0.00
N.					
O. Risk Evaluation					
1.2 Tier I Risk Evaluation		each	$366.45		$0.00
2.2 Tier II Risk Evaluation		each	$122.15		$0.00
P. Survey					
1.1 Subsequent Survey		each	$297.65		$0.00
Q. Disposal (gallons or tons)					
1.2 Wastewater	420	gallon	$1.19		$499.80
2.2 Free Product		gallon	$1.63		$0.00
3.2 Soil Treatment/Disposal	25	ton	$156.25		$3,906.25
4.2 Drilling fluids		gallon	$1.25		$0.00
R. Miscellaneous (attach receipts)					
Skid Steer	1	each	$2,104.02		$2,104.02
		each	$0.00		$0.00
		each	$0.00		$0.00
T. Tier I Assessment (Use DHEC 3665 form)					
1.2 Southeast Region		standard	$12,622.56		$0.00
2.2 All Other Counties		standard	$13,844.06		$0.00
U. IGWA (Use DHEC 3666 form)					
1.2 Southeast Region		standard	$4,353.67		$0.00
2.2 All Other Counties		standard	$4,720.01		$0.00
22. Active Correction Action		PFP	Bid Cost		$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)					
1.2 8-hour Event		per event	$1,787.40		$0.00
2.1 24-hour Event		per event	$4,407.78		$0.00
3.1 48-hour Event		per event	$7,242.29		$0.00
4.1 96-hour Event		per event	$14,482.28		$0.00
5.1 Off-gas Treatment 8 hour		per event	$141.17		$0.00
6.2 Off-gas Treatment 24 hour		per event	$294.30		$0.00
7.2 Off-gas Treatment 48 hour		per event	$386.10		$0.00
8.1 Off-gas Treatment 96 hour		per event	$898.84		$0.00
9.1 Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$464.40		$0.00
10.1 Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$540.00		$0.00
11.1 Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,080.00		$0.00
12.1 Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,160.00		$0.00
13.2 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.64		$0.00
14.2 AFVR Site Reconnaissance		each	$302.40		$0.00
15.1 Additional Hook-ups		each	$29.68		$0.00
16.2 AFVR Effluent Disposal		gallon	$0.53		$0.00

17.2 AFVR Mobilization/Demobilization		each	$777.60		$0.00
18.1 Mobilization for absorbents/skimmers		each	$516.69		$0.00
19.1 Well sock 2" ID well		each	$36.94		$0.00
20.1 Well sock 4" ID well		each	$49.03		$0.00
21.1 pad (per pad)		each	$49.95		$0.00
22.1 3" diameter x 10' length boom		each	$108.00		$0.00
23.1 5" diameter x 10' length boom		each	$132.84		$0.00
24.1 New FPP recovery skimmer (2" wells)		each	$791.10		$0.00
25.1 New FPP recovery skimmer (4" wells)		each	$1,247.40		$0.00
26.1 Refurbished FPP recovery skimmer (2" or 4" wells)		each	$760.32		$0.00
27.1 Disposal of Absorbents		pound	$4.10		$0.00
28.1 Disposal of product from skimmers		gallon	$0.50		$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:					
1.2 New GAC System Installation		each	$2,320.86		$0.00
2.2 Refurbished GAC Sys. Install		each	$1,099.35		$0.00
3.2 Filter replacement/removal		each	$427.53		$0.00
4.2 GAC System removal, cleaning, & refurbishment		each	$335.92		$0.00
5.2 GAC System housing		each	$305.38		$0.00
6.2 In-line particulate filter		each	$183.22		$0.00
7.2 Additional piping & fittings		foot	$1.84		$0.00
Y. Well Repair					
1.2 Additional Copies of the Report Delivered		each	$61.07		$0.00
2.2 Repair 2x2 MW pad		each	$61.07		$0.00
3.2 Repair 4x4 MW pad		each	$107.49		$0.00
4.2 Replace well vault		each	$144.14		$0.00
5.2 Replace well cover bolts		each	$3.18		$0.00
6.2 Replace locking well cap & lock		each	$18.32		$0.00
7.2 Replace/Repair stick-up		each	$163.68		$0.00
8.2 Convert Flush-mount to Stick-up		each	$183.22		$0.00
9.2 Convert Stick-up to Flush-mount		each	$158.79		$0.00
10.2 Replace missing/illegible well ID plate		each	$14.66		$0.00
11.1 Down-hole Camera		per foot	$29.25		$0.00
Z. High Resolution Site Characterization					
1.1 HRSC Screening Equipment Mobilization		each	$1,468.80		$0.00
2.1 HRSC Drilling Category 1		per foot	$31.32		$0.00
3.1 HRSC Drilling Category 2		per foot	$36.18		$0.00
4.1 HRSC Drilling Category 3		per foot	$29.16		$0.00
5.1 HRSC 3-D Model		each	$4,363.20		$0.00
S. Report Prep & Project Management	12%	percent	$223,964.93		$26,875.79
TOTAL					$250,840.72

Outlook

RE: One Stop Marina SSWP

From William Lyons <wlyons@envirosouth.com>
Date Tue 4/15/2025 2:57 PM
To Niki Hill <Niki.Hill@des.sc.gov>

Thank you Niki.

-Will



Will Lyons, P.G.
UST Coordinator and Senior Hydrogeologist

3440 Augusta Road
Greenville, SC 29605
864-236-9010 (Greenville)
864-979-7862 (Cell)
www.envirosouth.com

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From: Niki Hill <Niki.Hill@des.sc.gov>
Sent: Tuesday, April 15, 2025 2:10 PM
To: William Lyons <wlyons@envirosouth.com>
Cc: Trevor Hudson <thudson@envirosouth.com>
Subject: Re: One Stop Marina SSWP

Hey Will,

That sounds fine to me!

Thanks,

Niki Hill
Hydrogeologist

Assessment and Non-Permitted Petroleum Section
Underground Storage Tank Division

Bureau of Land and Waste Management
O: 803.898.0599

Niki.Hill@des.sc.gov
DES.SC.gov

From: William Lyons <wlyons@envirosouth.com>
Sent: Tuesday, April 15, 2025 1:29 PM
To: Niki Hill <Niki.Hill@des.sc.gov>
Cc: Trevor Hudson <thudson@envirosouth.com>
Subject: One Stop Marina SSWP

Niki, I just spoke to our drillers and we are a go for next week!!!

They did mention that based on the expected lithology at and below the water table the preferred soil sampling method would be the Geoprobe dual-tube sampling system. If we field screen soils using this method at 1.0 foot intervals, there wont be enough soil to fill the sample jars.

My recommendation is that we use the dual tube system but field screen every 2 feet. Will this be acceptable to you?

Thanks,

Will

Will Lyons, P.G.
UST Coordinator and Senior Hydrogeologist

3440 Augusta Road
Greenville, SC 29605
864-236-9010 (Greenville)
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SC DEPARTMENT *of*
ENVIRONMENTAL SERVICES

Niki Hill
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
2600 Bull Street
Columbia, SC 29201

SIDDHI GANESH 2 LLC
205 FAIRWAY DRIVE
LAURENS SC 29360

APR 14 2025

UST DOCKETING

Re: **Tier II Assessment Notice to Proceed**
One Stop Marina, 5121 Old Laurens Rd., Greenwood, SC
UST Permit #17043; CA #69850 & 69851; UMW-30113
Release# 2 & 3 reported February 3, 2025
Site-Specific Work Plan received April 1, 2025
Greenwood County

To Whom It May Concern:

The Underground Storage Tank Management Division (UST Division) of S.C. Department of Environmental Services (SCDES) has reviewed and approved the referenced Site Specific Work Plan (SSWP) submitted by your contractor. All work should be conducted in compliance with the current revision of the UST Quality Assurance Program Plan (QAPP), your contractor's Annual Contractor Quality Assurance Plan (ACQAP), and all applicable regulations. The QAPP is available at des.sc.gov/programs/bureau-land-waste-management/underground-storage-tanks/ust-quality-assurance-program-plan-qapp.

The Tier II Assessment should begin immediately upon receipt of this letter. A monitoring well approval has been enclosed for the monitoring well installation. The above referenced cost agreement number has been approved for tracking purposes for the amount shown on the enclosed cost agreement form.

Please note the following changes to the cost agreement and SSWP:

- Wells installed in close proximity and screened at different depths and nested wells should be given the same identification number but can be differentiated with a suffix 'I' for intermediate and 'D' for deep. Ex: MW-6, MW-6I, MW-6D.
- K.6.2 Removed 36 as soil samples and field blanks do not need to be analyzed for Lead.
- K.23.2 Removed 2 as discussed during 3/31/25 phone conversation.
- K.24.2 Added 1, please also collect a soil sample from a background soil boring to be analyzed for TOC.

Please be aware that the August 9, 2023 State Underground Petroleum Environmental Response Bank (SUPERB) Allowable Costs sheet states that "If the vertical and horizontal extent of chemicals of concern is not fully defined by the Tier II Report, the Division may not approve additional future mobilizations for additional screening or well installation." Any screening point that is converted to a permanent monitoring well will be reimbursed at the approved well installation rate. **Please contact the UST Division prior to well installation for concurrence regarding the final well locations. Please note that you and/or your contractor are responsible for obtaining all property access agreements and/or encroachment permits necessary for this scope of work.** The contractor is responsible for ensuring that the subsurface is free of any obstructions (e.g. utilities, supply lines, etc.) prior to the installation of any boring or well.

The Contractor must provide the UST Project Manager with a Project Status Report on a weekly basis via e-mail or notify the UST Project Manager via email 4 days prior to initiation of any site rehabilitation activities. If there are any changes or conflicts with the date(s) of site activities, the UST Project Manager must be contacted within 24 hours of those changes.

The Tier II Report and contractor checklist (QAPP Appendix K) should be submitted to the UST Division within one hundred and twenty (120) days of the date of this correspondence. The report submitted at the completion of these activities should include the required information outlined in the QAPP.

If the report cannot be submitted by the required due date, an extension may be requested by submitting a written request, either via postal mail or email, to my attention prior to the due date. The Department will issue a Notice of Alleged Violation if the report is not submitted by the required due date.

In accordance with Section IV.A.4.c of the SUPERB Site Rehabilitation & Fund Access Regulation (R.61-98), the contractor shall be required to indemnify the property owner, underground storage tank owner/operator and the State of South Carolina from and against all claims, damages, losses and expenses arising out of or resulting from activity conducted by the contractor, its agents, employees or subcontractors.

According to UST Division records, the release at the facility was reported to SCDES on the above referenced date. In accordance with Section 44-2-40(D) of the State Underground Petroleum Environmental Response Bank (SUPERB) Act, you are responsible for the first $25,000 of site rehabilitation costs. To ensure that costs for the assessment apply to the $25,000 deductible, please provide proof of costs that will be applied to the deductible with the invoice. Acceptable proof or payment of deductible costs include a copy of the cancelled check (front and back) of payment made to your contractor or a signed notarized statement by your contractor for the amount that was paid directly to your contractor. Your contractor can submit an invoice for direct payment from the State Underground Petroleum Environmental Response Bank (SUPERB) Account for preapproved costs that exceed the $25,000 deductible.

Please note that in accordance with R.61-92, Subpart H, Section 280.114, you are required to notify the UST Division by certified mail within ten (10) days of commencing a voluntary or involuntary proceeding in bankruptcy.

Please note that sections 44-2-110(4) and 44-2-130 of the SUPERB Statute state that the SUPERB Account cannot compensate any costs that are not pre-approved. If for any reason additional tasks will be completed, these additional tasks, and the associated cost, must be pre-approved by the UST Division for the cost to be paid. The UST Division reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria. Further, the UST Division reserves the right to question and/or reject costs if deemed unreasonable and the right to audit project records at any time during the project or after completion of work. Per Section III.3.b of the SUPERB Site Rehabilitation and Fund Access Regulations (R.61-98), reimbursement for site rehabilitation activities shall in no event exceed the actual costs incurred.

Please note that applicable South Carolina certification requirements regarding laboratory services, well installation, and report preparation must be satisfied. Any site rehabilitation activity associated with the UST release must be performed by a SCDES-certified site rehabilitation contractor as required by R.61-98.

The UST Division grants pre-approval for transportation of virgin petroleum impacted soil and groundwater from the referenced site to a permitted treatment facility. There can be no spillage or leakage in transport. All investigation-derived waste (IDW) must be properly contained and labeled prior to disposal. IDW should not be stored on-site longer than ninety (90) days. A copy of the disposal manifest and/or acceptance letter from the receiving facility that clearly designates the quantity received must be included as an appendix to the report. If the Chemical of Concern (CoC) concentrations based on laboratory analysis are below Risk-Based Screening Levels (RBSLs), please contact the project manager for approval to dispose of soil and/or groundwater on-site. Transportation or treatment of soil and/or groundwater with concentrations below RBSLs will not be reimbursed by the SUPERB Account or applied towards the deductible.

The contractor will be responsible for keeping and preserving suitable records of hydrological and other site assessments, site plans, contracts, accounts, invoices, or other transactions related to the cleanup and rehabilitation and the records must be accessible to the department during regular business hours. In addition, this includes all subcontractor agreements, invoices, correspondence, plans, reports, records, including electronic and paper formats. All records must be maintained for 10 years after project completion.

On all correspondence regarding this site, please reference the UST Permit number above. Should you have any questions, please contact me by phone at (803) 898-0599, by fax at (803) 898-0673, or by email at Niki.Hill@des.sc.gov.

Sincerely,

Niki Hill, Hydrogeologist

enc: Approved Cost Agreements
Monitoring Well Approval

cc: EnviroSouth Inc., 3440 Augusta Rd., Greenville, SC 29605 (w/ enc)
Technical file (w/ enc)

SC DEPARTMENT *of*
ENVIRONMENTAL SERVICES

Niki Hill
Assessment & Non-Permitted Petroleum Section
Underground Storage Tank Management Division
2600 Bull Street
Columbia, SC 29201

Monitoring Well Approval

Approval is granted to: EnviroSouth, Inc.
On behalf of: Siddhi Ganesh 2 LLC
Facility: One Stop Marina, 5121 Old Laurens Rd., Greenwood, SC
UST Permit: #17043
County: Greenwood

This approval is for the installation of twenty soil borings, fifty-nine temporary wells, ten shallow, seven intermediate, and seven deep groundwater monitoring wells. The monitoring wells are to be installed in the approved locations. Monitoring wells are to be installed following the S.C. Well Standards, R.61-71, and the applicable guidance documents.

Please note that R.61-71 requires the following:

1. All wells shall be drilled, constructed, and abandoned by a S.C. certified well driller per R.61-71.D.1.
2. All monitoring wells shall be labeled as required by R.61-71.H.2.c.
3. A Water Well Record Form or other form provided or approved by the UST Division shall be completed and submitted to the UST Division within 30 days after well completion or abandonment unless another schedule has been approved by the UST Division. The form should contain the "as-built" construction details and all other information required by R.61-71.H.1.f
4. All analytical data and water levels obtained from each monitoring well shall be submitted to the UST Division within 30 days of receipt of laboratory results unless another schedule has been approved by the UST Division as required by R.61-71.H.1.d.
5. If any of the information provided to the UST Division changes, notification to Niki Hill, the project manager (phone: (803) 898-0599 or email: Niki.Hill@des.sc.gov.) shall be provided a minimum of twenty-four (24) hours prior to well construction as required by R.61-71.H.1.a.
6. All temporary monitoring wells shall be abandoned within 5 days of borehole completion using appropriate methods as required by R.61-71.H.4.c. All other wells shall be properly developed per R.61-71.H.2.d.
7. UST Division approval is required prior to abandonment of all monitoring wells as required by R.61-71.H.1.a.

This approval is pursuant to the provisions of Section 44-55-40 of the 1976 S.C. Code of Laws and R.61-71 of the S.C. Well Standards and Regulations, dated May 27, 2016. A copy of this approval should be on the site during well installation.

Date of Issuance: April 1, 2025 **Approval #: UMW-30113**

Niki Hill, Hydrogeologist

Approved Cost Agreement 69850

Facility: 17043 ONE STOP MARINA

HILLNL

PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION						
		1.2	SITE SPECIFIC WORK PLAN	0.5000	$183.220	91.61
C SURVEY						
		1.2	COMPREHENSIVE SURVEY	0.5000	$1,270.360	635.18
		5.1	GROUND PENET. RADAR (100 X100)	1.0000	$1,111.570	1,111.57
D MOB/DEMOB						
		1.2	EQUIPMENT	1.0000	$1,245.930	1,245.93
		2.2	PERSONNEL	3.0000	$516.690	1,550.07
F SOIL BORINGS (DRILLED)						
		1.2	STANDARD	1,092.5000	$33.500	36,598.75
H ABANDONMENT						
		1.2	2" DIAMETER OR LESS	1,092.5000	$3.790	4,140.58
I WELL INSTALLATION						
		2.2	SINGLE-CASED 2" DIA. MONT. >50	17.5000	$59.800	1,046.50
		2.B	WATER TABLE DRILL RIG 2" DIA	372.5000	$54.900	20,450.25
J SAMPLE COLLECTION						
		3.2	WATER SUPPLY SAMPLE	1.5000	$26.870	40.31
		4.2B	NO-PURGE GROUNDWATER	1.0000	$57.240	57.24
		8.2	FIELD DUPL. (MWS & WSWS) & FB	3.5000	$30.060	105.21
		9.2	GROUNDWATER (LOW FLOW PURGE)	14.0000	$111.160	1,556.24
K ANALYSES						
	DW DRINKING WATER	14.2	BTEXNM+1,2 DCA (524.2) WSW	3.0000	$151.520	454.56
		15.2	OXYGENATES & ETHANOL 8260D	3.0000	$112.070	336.21
		16.2	EDB (504.1)	2.5000	$97.110	242.78
	GW GROUNDWATER	1.2	BTEXNM+OXYGS+1,2 DCA+ETH 8260D	19.0000	$149.020	2,831.38
		5.2	PAH'S	17.5000	$74.020	1,295.35
		6.2	LEAD	16.0000	$19.540	312.64
		7.2	EDB BY EPA 8011	17.5000	$55.210	966.18
	SOIL SOIL	18.2	BTEX+NAPHTHALENE	20.0000	$78.180	1,563.60
		19.2	SOIL PAH'S	20.0000	$78.220	1,564.40
		23.2	GRAIN SIZE HYDROMETER	3.0000	$127.040	381.12
		24.2	TOTAL ORGANIC CARBON	0.5000	$37.380	18.69
L AQUIFER CHARACTERIZATION						
		2.2	SLUG TEST	2.0000	$233.310	466.62
Q DISPOSAL						
		1.2	WASTEWATER	210.0000	$1.190	249.90
		3.2	SOIL TREATMENT DISPOSAL	12.5000	$156.250	1,953.13
R MISCELLANEOUS						
			SKID STEER	0.5000	$2,104.020	1,052.01
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ. MANAGEMENT	0.1200	$82,318.010	9,878.16
					Total Amount	92,196.17

Approved Cost Agreement 69851

Facility: 17043 ONE STOP MARINA
HILLNL
PO Number:

Task / Description	Categories	Item	Description	Qty / Pct	Unit Price	Amount
A PLAN PREPARATION						
		1.2	SITE SPECIFIC WORK PLAN	0.5000	$183.220	91.61
C SURVEY						
		1.2	COMPREHENSIVE SURVEY	0.5000	$1,270.360	635.18
		5.1	GROUND PENET. RADAR (100 X100)	1.0000	$1,111.570	1,111.57
D MOB/DEMOB						
		1.2	EQUIPMENT	1.0000	$1,245.930	1,245.93
		2.2	PERSONNEL	3.0000	$516.690	1,550.07
F SOIL BORINGS (DRILLED)						
		1.2	STANDARD	1,092.5000	$33.500	36,598.75
H ABANDONMENT						
		1.2	2" DIAMETER OR LESS	1,092.5000	$3.790	4,140.58
I WELL INSTALLATION						
		2.2	SINGLE-CASED 2" DIA. MONT. >50	17.5000	$59.800	1,046.50
		2.B	WATER TABLE DRILL RIG 2" DIA	372.5000	$54.900	20,450.25
J SAMPLE COLLECTION						
		3.2	WATER SUPPLY SAMPLE	1.5000	$26.870	40.31
		4.2B	NO-PURGE GROUNDWATER	1.0000	$57.240	57.24
		8.2	FIELD DUPL. (MWS & WSWS) & FB	3.5000	$30.060	105.21
		9.2	GROUNDWATER (LOW FLOW PURGE)	14.0000	$111.160	1,556.24
K ANALYSES						
	DW DRINKING WATER	14.2	BTEXNM+1,2 DCA (524.2) WSW	3.0000	$151.520	454.56
		15.2	OXYGENATES & ETHANOL 8260D	3.0000	$112.070	336.21
		16.2	EDB (504.1)	2.5000	$97.110	242.78
	GW GROUNDWATER	1.2	BTEXNM+OXYGS+1,2 DCA+ETH 8260D	19.0000	$149.020	2,831.38
		5.2	PAH'S	17.5000	$74.020	1,295.35
		6.2	LEAD	16.0000	$19.540	312.64
		7.2	EDB BY EPA 8011	17.5000	$55.210	966.18
	SOIL SOIL	18.2	BTEX+NAPHTHALENE	20.0000	$78.180	1,563.60
		19.2	SOIL PAH'S	20.0000	$78.220	1,564.40
		23.2	GRAIN SIZE HYDROMETER	3.0000	$127.040	381.12
		24.2	TOTAL ORGANIC CARBON	0.5000	$37.380	18.69
L AQUIFER CHARACTERIZATION						
		2.2	SLUG TEST	2.0000	$233.310	466.62
Q DISPOSAL						
		1.2	WASTEWATER	210.0000	$1.190	249.90
		3.2	SOIL TREATMENT DISPOSAL	12.5000	$156.250	1,953.13
R MISCELLANEOUS						
			SKID STEER	0.5000	$2,104.020	1,052.01
S REPORT PROJECT MANAGEMENT						
		S	REPORT PREP & PROJ. MANAGEMENT	0.1200	$82,318.010	9,878.16
					Total Amount	92,196.17



Outlook

One Stop Marina (SCDES UST ID 17043) Follow-up

From Beth Dalke <bdalke@envirosouth.com>
Date Tue 4/22/2025 11:31 AM
To Jeymaris Sample-Hilerio <Jeymaris.Sample-Hilerio@des.sc.gov>
Cc William Lyons <wlyons@envirosouth.com>; Trevor Hudson <thudson@envirosouth.com>; ameadows <ameadows@envirosouth.com>; kmennetti <kmennetti@envirosouth.com>; Niki Hill <Niki.Hill@des.sc.gov>

Jeymie,

Per your phone conversation today with Mr. Will Lyons, EnviroSouth has requested 100 additional feet of soil boring footage to be split between CA's 69580 and 69581 (two CAs for two releases). The additional footage is needed at the One Stop Marina facility (5121 Old Laurens Road, Greenwood, SC – SCDES UST ID 17043) because the extent of soil contamination appears to be larger than previously estimated.

Please let us know if you have any questions.

Thanks,
Beth Dalke

Upstate
3440 Augusta Road
Greenville, SC 29605
864-236-9010

Lowcountry
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
854-258-5393

Check out the helpful environmental resources on our website at ***envirosouth.com***

ENVIROSOUTH
Environmental Consultants

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Outlook

One Stop Marina Cost Agreement Addendums (UST ID 17043 Release 2 & 3 - CAs 69850 and 69851)

From Beth Dalke <bdalke@envirosouth.com>
Date Fri 7/25/2025 10:57 AM
To Niki Hill <Niki.Hill@des.sc.gov>
Cc Teresa Donn <teresad@envirosouth.com>; ameadows <ameadows@envirosouth.com>; kmennetti <kmennetti@envirosouth.com>; William Lyons <wlyons@envirosouth.com>; Trevor Hudson <thudson@envirosouth.com>

2 attachments (160 KB)
CA Addendum - Release 2.pdf; CA Addendum - Release 3.pdf;



Niki,

Please see the attached Cost Agreement Addendums (CAs 69850 and 69851) for the One Stop Marina facility located at 5121 Old Laurens Road, Greenwood, South Carolina (SCDES UST ID #17043 Release #2 and #3).

Please let us know if you have any questions.

Thanks,
Beth Dalke

Upstate
3440 Augusta Road
Greenville, SC 29605
864-236-9010

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4900 O'Hear Avenue, Suite 100
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ASSESSMENT COMPONENT COST AGREEMENT
South Carolina Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
August 9, 2023

Facility Name: One Stop Marina

UST Permit #: 17043 Release #3 **Cost Agreement #:** 69851

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. Plan Preparation					
1.2 Site-specific Work Plan		each	$183.22		$0.00
2.2 Tax Map		each	$85.50		$0.00
3.2 QAPP Contractor Addendum (App B)		each	$250.00		$0.00
B. Survey					
1.1 Receptor Survey		each	$673.06		$0.00
C. Survey					
1.2 Comprehensive Survey		each	$1,270.36		$0.00
5.1 Ground Penetrating Radar Survey (100 x 100)		each	$1,111.57		$0.00
D. Mob/Demob					
1.2 Equipment		each	$1,245.93		$0.00
2.2 Personnel		each	$516.69		$0.00
3.2 Adverse Terrain Vehicle		each	$610.75		$0.00
E. Soil Borings					
1.1 Soil Borings (hand auger)		foot	$21.80		$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)					
1.2 Standard	-188.25	per foot	$33.50		($6,306.38)
2.2 Fractured Rock		per foot	$41.40		$0.00
G.					
H. Well Abandonment					
1.2 2" diameter or less	-188.25	per foot	$3.79		($713.47)
2.2 Greater than 2" to 6" diameter		per foot	$5.50		$0.00
3.2 Dug/Bored well (up to 6 feet diameter)		per foot	$18.32		$0.00
I. Well Installation (In accordance with R.61-71)					
1.2 Water Table (hand augered)		per foot	$31.40		$0.00
2.B Water Table (drill rig) 2" Diameter	-210	per foot	$54.90		($11,529.00)
2.2 Single-cased 2" Diameter Monitoring Well >50f	-17.5	per foot	$59.80		($1,046.50)
3.2 Telescoping		per foot	$84.70		$0.00
4.2 Rock Drilling		per foot	$81.80		$0.00
5.2 2" Rock Coring		per foot	$88.50		$0.00
6.2 Multi-sampling ports/screens		per foot	$59.40		$0.00
7.2 Recovery Well (4" diameter)		per foot	$69.60		$0.00
9.2 Rotosonic (2" diameter)		per foot	$119.00		$0.00
10.2 Re-develop Existing Well		per foot	$13.44		$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product					
1.2 Groundwater Purge		per well	$73.29		$0.00
2.2 Air or Vapors		sample	$14.66		$0.00
3.2 Water Supply Sample	-0.5	sample	$26.87		($13.44)
4.1A HydraSleeve		sample	$34.20		$0.00
4.2B No-purge Groundwater Sample/Surface water		sample	$57.24		$0.00
5.2 Gauge Well only		sample	$8.55		$0.00
6.2 Sample Below Product		sample	$14.66		$0.00
7.2 Passive Diffusion Bag		sample	$31.75		$0.00
8.2 Field Duplicates (MWs & WSWs) and Field Bla	-0.5	sample	$30.06		($15.03)
9.2 Groundwater (low flow purge)	-4.5	sample	$111.16		($500.22)
10.2 Equipment Blank		sample	$30.06		$0.00
11.1 Sample Product		per well	$52.66		$0.00
K. Laboratory Analyses-Groundwater					
1.2 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	-5.5	per sample	$149.02		($819.61)
2.2 Lead, Filtered		per sample	$16.85		$0.00
3.2 Rush EPA Method 8260B		per sample	$187.62		$0.00
4.2 Trimethal, Butyl, and Isopropyl Benzenes		per sample	$34.20		$0.00
5.2 PAH's	-5	per sample	$74.02		($370.10)
6.2 Lead	-3.5	per sample	$19.54		($68.39)

Addendum

Previously Approved:	$92,196.17
Increase:	($26,896.98)
New Approved Total:	**$65,299.20**
Project Manager:	
Section Manager:	
Finance:	
Date:	

# of pages ___	
	From:
	UST/SCDHEC
fax # ( )	
Phone # ( )	

The SCDHEC reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria.

7.2 EDB by EPA 8011	-5	per sample	$55.21		($276.05)
8.2 EDB by EPA Method 8011 Rush		per sample	$83.31		$0.00
9.2 8 RCRA Metals		per sample	$77.45		$0.00
10.2 TPH (9070)		per sample	$50.09		$0.00
11.2 PH		per sample	$6.35		$0.00
12.2 BOD		per sample	$24.42		$0.00
13.2 Ethanol		per sample	$18.08		$0.00
K. Analyses-Drinking Water					
14.2 BTEXNM+1,2 DCA (524.2)	-0.5	per sample	$151.52		($75.76)
15.2 7-OXYGENATES & ETHANOL (8260D)	-0.5	per sample	$112.07		($56.04)
16.2 EDB (504.1)	-0.5	per sample	$97.11		($48.56)
17.2 RCRA METALS (200.8)		per sample	$122.15		$0.00
K. Analyses-Soil					
18.2 BTEX + Naphth.	-2	per sample	$78.18		($156.36)
19.2 PAH's	-2	per sample	$78.22		($156.44)
20.2 8 RCRA Metals		per sample	$68.89		$0.00
21.2 TPH-DRO (3550C/8015C)		per sample	$48.86		$0.00
22.2 TPH-GRO (5035B/8015C)		per sample	$43.92		$0.00
23.2 Grain size/hydrometer		per sample	$127.04		$0.00
24.2 Total Organic Carbon		per sample	$37.38		$0.00
K. Analyses-Air					
25.2 BTEX + Naphthalene		per sample	$263.84		$0.00
K. Hydrocarbon Fuel Identification					
27.1 C3-C44 Whole Oil (ASTM D3328)		per sample	$465.93		$0.00
28.1 Fuel Oxygenates (1624 Mod)		per sample	$398.39		$0.00
29.1 ALKYL Leads, EDB MMT (8080)		per sample	$398.39		$0.00
30.1 C8-C40 Full Scan (ASTM 5739)		per sample	$629.64		$0.00
31.1 Simulated Distillation (ASTM 2887)		per sample	$398.39		$0.00
32.1 Parent & Alk. PAH Com. (8270 SIM)		per sample	$723.63		$0.00
33.1 C3-C10 Piano (8260 MOD)		per sample	$599.88		$0.00
34.1 C10+Alkane Fingerprints		per sample	$599.88		$0.00
35.1 Expert Data Interpretation & Report		each	$595.30		$0.00
L. Aquifer Characterization					
1.2 Pumping Test		per hour	$28.09		$0.00
2.2 Slug Test	-1	per test	$233.31		($233.31)
3.2 Fractured Rock		per test	$122.15		$0.00
M. Free Product					
1.1 Free Product Recovery Rate Test		each	$46.42		$0.00
N.					
O. Risk Evaluation					
1.2 Tier I Risk Evaluation		each	$366.45		$0.00
2.2 Tier II Risk Evaluation		each	$122.15		$0.00
P. Survey					
1.1 Subsequent Survey		each	$297.65		$0.00
Q. Disposal (gallons or tons)					
1.2 Wastewater	-90.375	gallon	$1.19		($107.55)
2.2 Free Product		gallon	$1.63		$0.00
3.2 Soil Treatment/Disposal	-10.315	ton	$156.25		($1,611.72)
4.2 Drilling fluids		gallon	$1.25		$0.00
R. Miscellaneous (attach receipts)					
Skid Steer	0.5	each	$177.49		$88.75
		each	$0.00		$0.00
		each	$0.00		$0.00
T. Tier I Assessment (Use DHEC 3665 form)					
1.2 Southeast Region		standard	$12,622.56		$0.00
2.2 All Other Counties		standard	$13,844.06		$0.00
U. IGWA (Use DHEC 3666 form)					
1.2 Southeast Region		standard	$4,353.67		$0.00
2.2 All Other Counties		standard	$4,720.01		$0.00
22. Active Correction Action		PFP	Bid Cost		$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)					
1.2 8-hour Event		per event	$1,787.40		$0.00
2.1 24-hour Event		per event	$4,407.78		$0.00
3.1 48-hour Event		per event	$7,242.29		$0.00
4.1 96-hour Event		per event	$14,482.28		$0.00
5.1 Off-gas Treatment 8 hour		per event	$141.17		$0.00
6.2 Off-gas Treatment 24 hour		per event	$294.30		$0.00

8.1 Off-gas Treatment 96 hour		per event	$898.84		$0.00
9.1 Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$464.40		$0.00
10.1 Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$540.00		$0.00
11.1 Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,080.00		$0.00
12.1 Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,160.00		$0.00
13.2 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.64		$0.00
14.2 AFVR Site Reconnaissance		each	$302.40		$0.00
15.1 Additional Hook-ups		each	$29.68		$0.00
16.2 AFVR Effluent Disposal		gallon	$0.53		$0.00
17.2 AFVR Mobilization/Demobilization		each	$777.60		$0.00
18.1 Mobilization for absorbents/skimmers		each	$516.69		$0.00
19.1 Well sock 2" ID well		each	$36.94		$0.00
20.1 Well sock 4" ID well		each	$49.03		$0.00
21.1 pad (per pad)		each	$49.95		$0.00
22.1 3" diameter x 10' length boom		each	$108.00		$0.00
23.1 5" diameter x 10' length boom		each	$132.84		$0.00
24.1 New FPP recovery skimmer (2" wells)		each	$791.10		$0.00
25.1 New FPP recovery skimmer (4" wells)		each	$1,247.40		$0.00
26.1 Refurbished FPP recovery skimmer (2" or 4" wells)		each	$760.32		$0.00
27.1 Disposal of Absorbents		pound	$4.10		$0.00
28.1 Disposal of product from skimmers		gallon	$0.50		$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:					
1.2 New GAC System Installation		each	$2,320.86		$0.00
2.2 Refurbished GAC Sys. Install		each	$1,099.35		$0.00
3.2 Filter replacement/removal		each	$427.53		$0.00
4.2 GAC System removal, cleaning, & refurbishment		each	$335.92		$0.00
5.2 GAC System housing		each	$305.38		$0.00
6.2 In-line particulate filter		each	$183.22		$0.00
7.2 Additional piping & fittings		foot	$1.84		$0.00
Y. Well Repair					
1.2 Additional Copies of the Report Delivered		each	$61.07		$0.00
2.2 Repair 2x2 MW pad		each	$61.07		$0.00
3.2 Repair 4x4 MW pad		each	$107.49		$0.00
4.2 Replace well vault		each	$144.14		$0.00
5.2 Replace well cover bolts		each	$3.18		$0.00
6.2 Replace locking well cap & lock		each	$18.32		$0.00
7.2 Replace/Repair stick-up		each	$163.68		$0.00
8.2 Convert Flush-mount to Stick-up		each	$183.22		$0.00
9.2 Convert Stick-up to Flush-mount		each	$158.79		$0.00
10.2 Replace missing/illegible well ID plate		each	$14.66		$0.00
11.1 Down-hole Camera		per foot	$29.25		$0.00
Z. High Resolution Site Characterization					
1.1 HRSC Screening Equipment Mobilization		each	$1,468.80		$0.00
2.1 HRSC Drilling Category 1		per foot	$31.32		$0.00
3.1 HRSC Drilling Category 2		per foot	$36.18		$0.00
4.1 HRSC Drilling Category 3		per foot	$29.16		$0.00
5.1 HRSC 3-D Model		each	$4,363.20		$0.00
S. Report Prep & Project Management	12%	percent	($24,015.16)		($2,881.82)
TOTAL					($26,896.98)

Outlook

One Stop Marina Cost Agreement Addendums (UST ID 17043 Release 2 & 3 - CAs 69850 and 69851)

From Beth Dalke <bdalke@envirosouth.com>
Date Fri 7/25/2025 10:57 AM
To Niki Hill <Niki.Hill@des.sc.gov>
Cc Teresa Donn <teresad@envirosouth.com>; ameadows <ameadows@envirosouth.com>; kmennetti <kmennetti@envirosouth.com>; William Lyons <wlyons@envirosouth.com>; Trevor Hudson <thudson@envirosouth.com>

2 attachments (160 KB)
CA Addendum - Release 2.pdf; CA Addendum - Release 3.pdf;



Niki,

Please see the attached Cost Agreement Addendums (CAs 69850 and 69851) for the One Stop Marina facility located at 5121 Old Laurens Road, Greenwood, South Carolina (SCDES UST ID #17043 Release #2 and #3).

Please let us know if you have any questions.

Thanks,
Beth Dalke

Upstate
3440 Augusta Road
Greenville, SC 29605
864-236-9010

Lowcountry
4900 O'Hear Avenue, Suite 100
North Charleston, SC 29405
854-258-5393

Check out the helpful environmental resources on our website at ***envirosouth.com***

ENVIROSOUTH
Environmental Consultants

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ASSESSMENT COMPONENT COST AGREEMENT

South Carolina Department of Health and Environmental Control
Underground Storage Tank Management Division
State Underground Petroleum Environmental Response Bank Account
August 9, 2023

Facility Name: One Stop Marina

UST Permit #: 17043 Release #2 **Cost Agreement #:** 69850

ITEM	QUANTITY	UNIT	UNIT PRICE		TOTAL
A. Plan Preparation					
1.2 Site-specific Work Plan		each	$183.22		$0.00
2.2 Tax Map		each	$85.50		$0.00
3.2 QAPP Contractor Addendum (App B)		each	$250.00		$0.00
B. Survey					
1.1 Receptor Survey		each	$673.06		$0.00
C. Survey					
1.2 Comprehensive Survey		each	$1,270.36		$0.00
5.1 Ground Penetrating Radar Survey (100 x 100)		each	$1,111.57		$0.00
D. Mob/Demob					
1.2 Equipment		each	$1,245.93		$0.00
2.2 Personnel		each	$516.69		$0.00
3.2 Adverse Terrain Vehicle		each	$610.75		$0.00
E. Soil Borings					
1.1 Soil Borings (hand auger)		foot	$21.80		$0.00
F. Soil Borings (requiring equipment, push technology, etc) or Field Screening (including sampling and analyst)					
1.2 Standard	-188.25	per foot	$33.50		($6,306.38)
2.2 Fractured Rock		per foot	$41.40		$0.00
G.					
H. Well Abandonment					
1.2 2" diameter or less	-188.25	per foot	$3.79		($713.47)
2.2 Greater than 2" to 6" diameter		per foot	$5.50		$0.00
3.2 Dug/Bored well (up to 6 feet diameter)		per foot	$18.32		$0.00
I. Well Installation (In accordance with R.61-71)					
1.2 Water Table (hand augered)		per foot	$31.40		$0.00
2.B Water Table (drill rig) 2" Diameter	-210	per foot	$54.90		($11,529.00)
2.2 Single-cased 2" Diameter Monitoring Well >50f	-17.5	per foot	$59.80		($1,046.50)
3.2 Telescoping		per foot	$84.70		$0.00
4.2 Rock Drilling		per foot	$81.80		$0.00
5.2 2" Rock Coring		per foot	$88.50		$0.00
6.2 Multi-sampling ports/screens		per foot	$59.40		$0.00
7.2 Recovery Well (4" diameter)		per foot	$69.60		$0.00
9.2 Rotosonic (2" diameter)		per foot	$119.00		$0.00
10.2 Re-develop Existing Well		per foot	$13.44		$0.00
J. Groundwater Sample Collection / Gauging Depth to Water/Product					
1.2 Groundwater Purge		per well	$73.29		$0.00
2.2 Air or Vapors		sample	$14.66		$0.00
3.2 Water Supply Sample	-0.5	sample	$26.87		($13.44)
4.1A HydraSleeve		sample	$34.20		$0.00
4.2B No-purge Groundwater Sample/Surface water		sample	$57.24		$0.00
5.2 Gauge Well only		sample	$8.55		$0.00
6.2 Sample Below Product		sample	$14.66		$0.00
7.2 Passive Diffusion Bag		sample	$31.75		$0.00
8.2 Field Duplicates (MWs & WSWs) and Field Bla	-0.5	sample	$30.06		($15.03)
9.2 Groundwater (low flow purge)	-4.5	sample	$111.16		($500.22)
10.2 Equipment Blank		sample	$30.06		$0.00
11.1 Sample Product		per well	$52.66		$0.00
K. Laboratory Analyses-Groundwater					
1.2 BTEXNM+Oxyg's+1,2 DCA+Eth(8260D)	-5.5	per sample	$149.02		($819.61)
2.2 Lead, Filtered		per sample	$16.85		$0.00
3.2 Rush EPA Method 8260B		per sample	$187.62		$0.00
4.2 Trimethal, Butyl, and Isopropyl Benzenes		per sample	$34.20		$0.00
5.2 PAH's	-5	per sample	$74.02		($370.10)
6.2 Lead	-3.5	per sample	$19.54		($68.39)

Addendum

Previously Approved:	$92,196.17
Increase:	($26,896.98)
New Approved Total:	**$65,299.20**
Project Manager:	
Section Manager:	
Finance:	
Date:	

# of pages ___	
	From:
	UST/SCDHEC
fax # ( )	
Phone # ( )	

The SCDHEC reserves the authority to pay only for work properly performed and/or technically justified and will only pay rates in accordance with established criteria.

7.2 EDB by EPA 8011	-5	per sample	$55.21		($276.05)
8.2 EDB by EPA Method 8011 Rush		per sample	$83.31		$0.00
9.2 8 RCRA Metals		per sample	$77.45		$0.00
10.2 TPH (9070)		per sample	$50.09		$0.00
11.2 PH		per sample	$6.35		$0.00
12.2 BOD		per sample	$24.42		$0.00
13.2 Ethanol		per sample	$18.08		$0.00
K. Analyses-Drinking Water					
14.2 BTEXNM+1,2 DCA (524.2)	-0.5	per sample	$151.52		($75.76)
15.2 7-OXYGENATES & ETHANOL (8260D)	-0.5	per sample	$112.07		($56.04)
16.2 EDB (504.1)	-0.5	per sample	$97.11		($48.56)
17.2 RCRA METALS (200.8)		per sample	$122.15		$0.00
K. Analyses-Soil					
18.2 BTEX + Naphth.	-2	per sample	$78.18		($156.36)
19.2 PAH's	-2	per sample	$78.22		($156.44)
20.2 8 RCRA Metals		per sample	$68.89		$0.00
21.2 TPH-DRO (3550C/8015C)		per sample	$48.86		$0.00
22.2 TPH-GRO (5035B/8015C)		per sample	$43.92		$0.00
23.2 Grain size/hydrometer		per sample	$127.04		$0.00
24.2 Total Organic Carbon		per sample	$37.38		$0.00
K. Analyses-Air					
25.2 BTEX + Naphthalene		per sample	$263.84		$0.00
K. Hydrocarbon Fuel Identification					
27.1 C3-C44 Whole Oil (ASTM D3328)		per sample	$465.93		$0.00
28.1 Fuel Oxygenates (1624 Mod)		per sample	$398.39		$0.00
29.1 ALKYL Leads, EDB MMT (8080)		per sample	$398.39		$0.00
30.1 C8-C40 Full Scan (ASTM 5739)		per sample	$629.64		$0.00
31.1 Simulated Distillation (ASTM 2887)		per sample	$398.39		$0.00
32.1 Parent & Alk. PAH Com. (8270 SIM)		per sample	$723.63		$0.00
33.1 C3-C10 Piano (8260 MOD)		per sample	$599.88		$0.00
34.1 C10+Alkane Fingerprints		per sample	$599.88		$0.00
35.1 Expert Data Interpretation & Report		each	$595.30		$0.00
L. Aquifer Characterization					
1.2 Pumping Test		per hour	$28.09		$0.00
2.2 Slug Test	-1	per test	$233.31		($233.31)
3.2 Fractured Rock		per test	$122.15		$0.00
M. Free Product					
1.1 Free Product Recovery Rate Test		each	$46.42		$0.00
N.					
O. Risk Evaluation					
1.2 Tier I Risk Evaluation		each	$366.45		$0.00
2.2 Tier II Risk Evaluation		each	$122.15		$0.00
P. Survey					
1.1 Subsequent Survey		each	$297.65		$0.00
Q. Disposal (gallons or tons)					
1.2 Wastewater	-90.375	gallon	$1.19		($107.55)
2.2 Free Product		gallon	$1.63		$0.00
3.2 Soil Treatment/Disposal	-10.315	ton	$156.25		($1,611.72)
4.2 Drilling fluids		gallon	$1.25		$0.00
R. Miscellaneous (attach receipts)					
Skid Steer	0.5	each	$177.49		$88.75
		each	$0.00		$0.00
		each	$0.00		$0.00
T. Tier I Assessment (Use DHEC 3665 form)					
1.2 Southeast Region		standard	$12,622.56		$0.00
2.2 All Other Counties		standard	$13,844.06		$0.00
U. IGWA (Use DHEC 3666 form)					
1.2 Southeast Region		standard	$4,353.67		$0.00
2.2 All Other Counties		standard	$4,720.01		$0.00
22. Active Correction Action		PFP	Bid Cost		$0.00
W. Aggressive Fluid & Vapor Recovery (AFVR)					
1.2 8-hour Event		per event	$1,787.40		$0.00
2.1 24-hour Event		per event	$4,407.78		$0.00
3.1 48-hour Event		per event	$7,242.29		$0.00
4.1 96-hour Event		per event	$14,482.28		$0.00
5.1 Off-gas Treatment 8 hour		per event	$141.17		$0.00
6.2 Off-gas Treatment 24 hour		per event	$294.30		$0.00

8.1 Off-gas Treatment 96 hour		per event	$898.84		$0.00
9.1 Off-gas Treatment 8 hour (w/chlorinated compounds)		per event	$464.40		$0.00
10.1 Off-gas Treatment 24 hour (w/chlorinated compounds)		per event	$540.00		$0.00
11.1 Off-gas Treatment 48 hour (w/chlorinated compounds)		per event	$1,080.00		$0.00
12.1 Off-gas Treatment 96 hour (w/chlorinated compounds)		per event	$2,160.00		$0.00
13.2 AFVR Effluent Disposal(w/chlorinated compounds)		gallon	$0.64		$0.00
14.2 AFVR Site Reconnaissance		each	$302.40		$0.00
15.1 Additional Hook-ups		each	$29.68		$0.00
16.2 AFVR Effluent Disposal		gallon	$0.53		$0.00
17.2 AFVR Mobilization/Demobilization		each	$777.60		$0.00
18.1 Mobilization for absorbents/skimmers		each	$516.69		$0.00
19.1 Well sock 2" ID well		each	$36.94		$0.00
20.1 Well sock 4" ID well		each	$49.03		$0.00
21.1 pad (per pad)		each	$49.95		$0.00
22.1 3" diameter x 10' length boom		each	$108.00		$0.00
23.1 5" diameter x 10' length boom		each	$132.84		$0.00
24.1 New FPP recovery skimmer (2" wells)		each	$791.10		$0.00
25.1 New FPP recovery skimmer (4" wells)		each	$1,247.40		$0.00
26.1 Refurbished FPP recovery skimmer (2" or 4" wells)		each	$760.32		$0.00
27.1 Disposal of Absorbents		pound	$4.10		$0.00
28.1 Disposal of product from skimmers		gallon	$0.50		$0.00
X. Granulated Activated Carbon (GAC) filter system installation & service:					
1.2 New GAC System Installation		each	$2,320.86		$0.00
2.2 Refurbished GAC Sys. Install		each	$1,099.35		$0.00
3.2 Filter replacement/removal		each	$427.53		$0.00
4.2 GAC System removal, cleaning, & refurbishment		each	$335.92		$0.00
5.2 GAC System housing		each	$305.38		$0.00
6.2 In-line particulate filter		each	$183.22		$0.00
7.2 Additional piping & fittings		foot	$1.84		$0.00
Y. Well Repair					
1.2 Additional Copies of the Report Delivered		each	$61.07		$0.00
2.2 Repair 2x2 MW pad		each	$61.07		$0.00
3.2 Repair 4x4 MW pad		each	$107.49		$0.00
4.2 Replace well vault		each	$144.14		$0.00
5.2 Replace well cover bolts		each	$3.18		$0.00
6.2 Replace locking well cap & lock		each	$18.32		$0.00
7.2 Replace/Repair stick-up		each	$163.68		$0.00
8.2 Convert Flush-mount to Stick-up		each	$183.22		$0.00
9.2 Convert Stick-up to Flush-mount		each	$158.79		$0.00
10.2 Replace missing/illegible well ID plate		each	$14.66		$0.00
11.1 Down-hole Camera		per foot	$29.25		$0.00
Z. High Resolution Site Characterization					
1.1 HRSC Screening Equipment Mobilization		each	$1,468.80		$0.00
2.1 HRSC Drilling Category 1		per foot	$31.32		$0.00
3.1 HRSC Drilling Category 2		per foot	$36.18		$0.00
4.1 HRSC Drilling Category 3		per foot	$29.16		$0.00
5.1 HRSC 3-D Model		each	$4,363.20		$0.00
S. Report Prep & Project Management	12%	percent	($24,015.16)		($2,881.82)
TOTAL					($26,896.98)

[redacted] Hard Copy [redacted] CD ☐ Email

RECEIVED
AUG 15 2025
UST DIVISION

Date Received _____

Permit Number 17043

Project Manager Niki Hill

Name of Contractor Envirosouth

Description Tier II Assessment Report

Docket Number 13T

Scanned _____

Verified _____

ENVIROSOUTH
Environmental Consultants

August 8, 2025

Ms. Niki Hill
SCDES BLWM
UST Management Division
2600 Bull Street
Columbia, South Carolina 29201

Re: Tier II Assessment Report
One Stop Marina
5121 Old Laurens Road
Greenwood, South Carolina
SCDES Site ID No. 17043
Cost Agreement #s: 69850 & 69851
EnviroSouth Job No. 1872

Dear Ms. Hill,

On behalf of Siddhi Ganesh 2, LLC, EnviroSouth, Inc. is pleased to submit the attached Tier II Assessment Report for the above-referenced site in Greenwood, South Carolina.

If you have any questions concerning our findings, please do not hesitate to call.

Sincerely,

EnviroSouth, Inc.

Keigan K. Mennetti, P.E.
Environmental Engineer
S.C. License No. 40996

cc: Mr. Ankur Patel, Siddhi Ganesh 2, LLC

Prepared for:

Siddhi Ganesh 2 LLC
205 Fairway Drive
Laurens, South Carolina 29360

TIER II ASSESSMENT REPORT

ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA

Job No. 1872
SCDES UST Permit No. 17043
Cost Agreement Nos. 69850 & 69851

SCDES UST Contractor No. 257

Prepared by:

EnviroSouth, Inc.
3440 Augusta Road
Greenville, South Carolina 29605

August 8, 2025

A report prepared for:

Siddhi Ganesh 2, LLC
205 Fairway Drive
Laurens, South Carolina 29360

TIER II ASSESSMENT REPORT
ONE STOP MARINA
5121 OLD LAURENS ROAD
GREENWOOD, SOUTH CAROLINA

EnviroSouth Job No. 1872
SCDES UST Permit No. 17043
Cost Agreement Nos. 69850 & 69851

Prepared by:

William H. Lyons, P.G.
Senior Hydrogeologist and UST Coordinator
S.C. Registration No. 2705

Reviewed by:

Keigan K. Mennetti, P.E.
Environmental Engineer
S.C. License No. 40996

EnviroSouth, Inc.
3440 Augusta Road
Greenville, South Carolina 29605
864-236-9010

August 8, 2025

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INTRODUCTION

EnviroSouth, Inc. has completed a Tier II Assessment at the One Stop Marina facility located in the City of Greenwood, Greenwood County, South Carolina. The work was performed in accordance with the Tier II Site-Specific Work Plan (SSWP) prepared for the site by EnviroSouth, Inc., and approved by Ms. Niki Hill of the South Carolina Department of Environmental Services (SCDES). The purpose of the assessment was to characterize subsurface conditions and determine the horizontal and vertical extent of petroleum hydrocarbon impact to soil and groundwater underlying the site. This report includes a description of the activities performed, detailed findings of the investigation, and conclusions and recommendations.

BACKGROUND

The site is a convenience store and gasoline station that maintains two (2) regulated underground storage tanks (USTs) and associated piping and dispensers. The store address is 5121 Old Laurens Road, Greenwood, South Carolina (Figure 1). The site is located in a light commercial/residential district in Greenwood County and is bounded by Lake Greenwood to the west and north.

A release from the active UST system was reported in 2023 because the former facility operator admitted to manually removing a fuel/water mixture from a UST sump and disposing of the mixture by pouring it onto the asphalt paving adjacent to the tank basin. A soil assessment consisting of three (3) soil borings to ten (10) feet below the ground surface (bgs) was performed and identified low petroleum concentrations in the vadose zone and higher petroleum concentrations at the shallow water table. The concentrations of petroleum hydrocarbons that significantly exceeded RBSLs were identified at the termination depths (10 feet below ground surface) of the installed soil borings. Because of the thickness and competency of the on-site paving, the limited impact of petroleum contamination to shallow soils, and the obvious increase in the concentrations of petroleum constituents as a function of total boring depth, it was the opinion of the environmental professionals responsible for the soil assessment report that the identified petroleum contamination in the soils at the water table was likely attributable to past leak(s) associated with UST equipment (piping or tanks) and was not attributable to the improper surface dumping of fuel / water mixtures by the former UST operator.

In response to the results of the soil assessment the SCDES requested a Tier I assessment be performed at the site. A Tier I assessment report for the non-permitted release ID #18888 was completed by

EnviroSouth, Inc. in February 2025. Soil and groundwater impact in the vicinity of the gasoline UST basin and the dock dispenser were identified in the Tier I report. Based on the results of the Tier I assessment, it appeared very likely that the contamination on the property was from the permitted underground storage tank system and not from the actions of the former operator. The SCDES subsequently opened two (2) permitted releases (Release #2 and Release #3) and requested completion of a Tier II assessment based on the findings of the Tier I assessment.

SITE CHARACTERIZATION

A ground penetrating radar (GPR) survey was performed prior to beginning drilling activities. The survey was performed to delineate the UST basin and associated buried underground product piping to minimize risk to personnel and the environment during subsurface exploration.

A total of fifty-nine (59) groundwater field screening points including thirty-seven (37) shallow points, eleven (11) intermediate, and eleven (11) deep field screening points (paired with shallow points) were installed during this investigation to determine the horizontal and vertical extent of hydrocarbon impact to the saprolite aquifer at the site. Forty (40) soil borings were installed to determine soil conditions on the site.

Sixteen (16) permanent monitoring wells were completed during the investigation to determine site hydrogeology and to evaluate groundwater conditions. The locations of the soil borings, field screening points, and permanent wells are displayed on Figures 2, 4, and 6, respectively. Placement of the permanent wells was determined based on the data acquired during soil and groundwater field screening.

The permanent monitoring wells were installed on the subject property, the adjoining South Carolina Department of Transportation (SCDOT) vacant lot to the northeast, and SCDOT right-of-way to the east across Old Laurens Road.

A comprehensive site survey performed by a South Carolina registered land surveyor was completed as part of this assessment. The survey included groundwater monitoring well locations, top of casing (TOC) elevations, all known underground utilities, buildings, and walls/fencing. A copy of the survey is provided in the appendix. The surveyed area was approximately 330,000 square feet (600 feet by 550 feet).

Soil Field Screening

Forty (40) soil borings were installed in and around the potential sources areas of the UST system on the subject site and the SCDOT right-of-way to the east across Old Laurens Road (Figure 2). The borings were installed using a Geoprobe 7822DT equipped with a 5-foot dual-tube sampler. Continuous soil cores were collected at each of the locations and classified in the field. Soil borings were installed to a depth range of 15 to 30 feet below ground surface (bgs). Soils samples were collected from the continuous cores at 5-foot intervals and screened for total organic vapors using a calibrated Phocheck Tiger photo-ionization detector (PID) manufactured by Ion Science. The lithology encountered and organic vapor analysis (OVA) results for the soil samples collected at the boring locations are included on the soil boring logs in the appendix.

Soil samples were collected for laboratory analysis from the interval in each boring that displayed the highest PID reading. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes, methyl-tert-butyl ether, and naphthalene (BTEXMN), polynuclear aromatic hydrocarbons (PAHs), and lead. Soil boring S-42 was analyzed for total organic carbon only. Soil analytical results are summarized in Table 1. Figure 3 displays the soil laboratory results.

Additionally, six (6) soil samples (GS-1, GS-2, GS-3, GS-4, GS-5, and GS-6) were collected from soil borings S-43 (GS-1 at 12.5 feet bgs, GS-2 at 22.5 feet bgs, and GS-3 at 30 feet bgs), S-44 (GS-4 at 22.5 feet bgs), and S-45 (GS-5 at 12.5 feet bgs and GS-6 at 22.5 feet bgs) and were analyzed for grain size by sieve and hydrometer to determine the percentage of sand, silt, and clay within the soil. The grain size laboratory report is included in the appendix.

The soil borings were abandoned from the base of the borehole to the land surface with a pressure-injected neat cement grout. The SCDES water well record forms documenting installation and abandonment details are attached.

Groundwater Field Screening

Thirty-seven (37) shallow, eleven (11) intermediate, and eleven (11) deep field screening points were performed with a Geoprobe® direct-push groundwater sampler to evaluate the horizontal and vertical extent of hydrocarbon impact to groundwater (Figure 4). Water samples were collected from the locations with polyethylene tubing, placed in resealable plastic bags, and allowed to volatilize. The vapors collected within the headspace of each bag were screened using the same calibrated PID previously described for soils.

Groundwater samples for laboratory analysis were also collected from each field screening point and analyzed for benzene, toluene, ethylbenzene, xylenes, methyl-tert-butyl ether, and naphthalene (BTEXMN).

A summary of the field screening PID data is included on Table 2, and the field screening laboratory results are summarized in Table 3 and shown on Figure 5.

Following sample collection, the field screening points were abandoned from the base of the borehole to the land surface with a pressure-injected cement grout mixture. The SCDES water well record forms documenting installation and abandonment details are attached.

Monitoring Well Installation

Fifteen (15) permanent groundwater monitoring wells were installed during the Tier II assessment (Figure 6). Ten (10) wells were installed to monitor the water table depth zone (shallow saprolite aquifer) and five (5) monitoring wells were installed in the deeper (transition-zone) portion of the saprolite aquifer.

The monitoring wells were drilled and constructed by a South Carolina licensed well driller utilizing hollow stem augers. The monitoring well casings and screens were comprised of two-inch diameter Schedule 40 PVC. The shallow well screens were constructed using 10-foot lengths of 0.01-inch slotted screen at depths intended to bracket the water table. The deeper (transition-zone) wells were completed with 5-foot sections of 0.01-inch slotted screens.

A clean graded sand pack was placed around the annulus of the wells to two (2) feet above the screens. A bentonite seal was placed above the sand pack and the remaining annulus was grouted to land surface with cement grout.

A locking cap and vault cover with concrete pad were installed flush with the land surface at the wells on the subject property. The wells were developed by surging followed by pumping with a submersible pump to remove formational fines from the wells.

SCDES water well record forms, well development logs, and geologist logs are included in the appendix.

A total of 4.37 tons of soil cuttings were collected and transported to Anderson Regional Landfill for

disposal. A copy of the disposal manifest is included in the appendix.

Groundwater Sampling

Water level measurements at the monitoring and recovery wells were obtained using an electronic water level/free product interface probe accurate to 0.01 feet. The water levels for each well were recorded on field sheets. The wells were then purged utilizing low-flow peristaltic pumps and new tubing to obtain groundwater samples representative of water within the aquifer. Field parameters were measured using a YSI PRO DSS multiparameter meter with flow-through cell and recorded on field sheets to document well stabilization. After the field parameters stabilized, groundwater samples were collected. The field sheets are included in the appendix.

The groundwater samples from the permanent wells were analyzed for BTEXMN, 1,2-dichloroethane (1,2-DCA), and oxygenates by EPA Method 8260, 1,2-dibromoethane (EDB) by EPA Method 8011, PAHs by EPA Method 8270, and lead by EPA Method 6010.

The well development water (225 gallons) was disposed of at Anderson Regional Landfill in Belton, South Carolina. The purge water (14.25 gallons) was disposed of at SC Waste Management, LLC in Greer, South Carolina. Copies of the disposal manifests are included in the appendix.

GEOLOGY AND HYDROGEOLOGY

Regional Geology

The subject site lies in the Piedmont Physiographic Province of South Carolina. Typical Piedmont soils were created by the in-place chemical weathering of igneous and metamorphic rocks. Soil textures are typically silt with varying amounts of clay in the upper zone. The material composed of in-place weathered rock is known as saprolite, and relict mineral grain texture is often present. Saprolite grades to partially weathered rock and then competent rock with depth.

Site-Specific Geology

Soils encountered at the site consisted of red silty clay (likely fill) underlain by an alluvial deposit of medium to coarse sand then underlain by typical saprolite (silty sand) consistent with Piedmont soils. Partially

weathered rock was encountered at approximately 27-28 feet below ground surface in soil borings S-43 and S-44. All permanent deep wells were completed to 35 feet bgs without encountering refusal.

GROUNDWATER OCCURRENCE AND MOVEMENT

Water level measurements at all monitoring wells were recorded on June 17 and 18, 2025 with an electronic hydrocarbon-sensitive water level meter and interface probe accurate to 0.01 feet. The water level meter was decontaminated prior to and between each measurement to prevent cross-contamination between wells.

The shallow water table underlying the site occurs under unconfined conditions at depths ranging from approximately 3.5 to 8.5 feet below land surface. Water level elevations at paired shallow and deep wells showed that a vertical gradient was present. The vertical gradient direction was variable (either upward or downward) depending on the well pair. The TOC elevations, water level measurements, and groundwater elevation data recorded to date are included on Table 4.

Groundwater elevation maps for the shallow and deeper portions of the saprolite aquifer are included as Figures 7 and 8, respectively. The shallow groundwater elevation map indicates an overall flow direction to the northwest. The groundwater flow direction in the deeper portion of the aquifer is primarily towards the northeast and southwest. The hydraulic gradient of the water table aquifer was found to be 0.0028 ft/ft. The hydraulic gradient of the deep zone of the aquifer was found to be approximately 0.03 ft/ft.

Slug tests were previously performed on shallow wells MW-3 and MW-4 during the Tier I assessment, and on deep wells MW-8D and MW-10D during this Tier II assessment. The slug tests were performed to estimate the hydraulic conductivity of the screened interval of the aquifer. The hydraulic conductivity in the water table zone ranged from 127.75 feet/year at well MW-4 to 5,240 feet/year at well MW-3. The hydraulic conductivity in the deep zone ranged from 329.0 feet/year at well MW-8D to 789.20 feet/year at well MW-10D. Slug test input values, calculated results, and recorded data for deep wells MW-8D and MW-10D are included in the appendix. The slug test input values, calculated results, and recorded data for shallow wells MW-3 and MW-4 were previously provided in the Tier I Assessment.

The grain-size analysis from the soil samples S-43, S-44, and S-45 (GS-1 through GS-6) indicated that the primary constituent of the aquifer material in the shallow water table aquifer ranges from poorly graded sand

with silt (SP-SM) at location GS-1 to sandy lean clay (CL) at location GS-5. The aquifer material in the deeper transition zone (GS-2, GS-3, GS-4, and GS-6) of the saprolite aquifer consists primarily of silty sand.

Sand content comprised a range of values from 36.9% at sample GS-5 at a depth of 12.5 feet below ground surface (bgs) to 89.0% at sample GS-1 at a depth of 12.5 feet bgs. Silt content comprised a range of values from 5.1% at sample GS-1 at a depth of 12.5 feet bgs to 22.5% at sample GS-4 at a depth of 22.5 feet bgs. Clay content comprised a range of values from 1.3% at GS-1 at a depth of 12.5 feet bgs to 42.9% at GS-5 at a depth of 12.5 feet bgs.

The effective porosity (n_e) range in the aquifer material for the soils encountered at the site is estimated from grain size analysis to be from 24% to 29%.

The rate of horizontal groundwater flow at the site is controlled by the hydraulic conductivity (K), effective porosity (n_e), and the horizontal hydraulic gradient (dh/dl). The average linear groundwater seepage velocity (Vs) can be calculated by substituting these values into the modified Darcy equation:

$$\mathbf{Vs = (k/n_e)\ (dh/dl)}$$

Groundwater seepage velocities in the deeper transition-zone of the groundwater aquifer were found to range from a low of 39.48 ft/year at well MW-8D to a high of 87.69 ft/year at well MW-10D. Slug test data and summary results are included in the appendix.

SOIL AND GROUNDWATER QUALITY

Soil Laboratory Data

The laboratory analytical results for the soil samples analyzed during this investigation are summarized in Table 1 and displayed on Figure 3 of the appendix.

The laboratory results indicate significant petroleum hydrocarbon impact to on-site soils on the property. Specifically, one or more petroleum-related compounds were detected in the soil samples collected from soil borings S-15, S-16, S-17, S-18, S-19, S-20, S-21, S-22, S-23, S-24, S-25, S-26, S-27, S-28, S-29, S-30, S-31, S-32, S-33, S-34, S-35, S-36, S-38, S-39, S-40, and S-41 above the SCDES risk-based screening levels (RBSLs).

Groundwater Field Screening Laboratory Data

The laboratory analytical results for the groundwater field screening samples analyzed during this investigation are summarized in Table 3 and displayed on Figure 5 in the appendix.

The laboratory results indicate that one or more petroleum compounds were detected above their corresponding SCDES maximum contaminant level (MCL) or risk-based screening level (RBSL) in groundwater field screening samples TW-4D, TW-8, TW-10, TW-11, TW-12I, TW-12D, TW-18, TW-19, TW-20, TW-21, TW-22, TW-23, TW-30, TW-31, TW-32, TW-34, TW-35, and TW-36.

Groundwater Laboratory Data

Table 5 is a summary of the BTEXMN, EDB, and 1,2-DCA laboratory analytical results for groundwater from the permanent wells. Table 6 summarizes the results for the oxygenates and Table 7 summarizes the results of the PAH and lead analysis.

Figure 9 displays groundwater concentrations of the wells sampled in the shallow and deep saprolite aquifer zones.

Figure 10 displays the cross-sectional plan for the line segments X-X' (parallel to groundwater flow direction) and Y-Y' (perpendicular to groundwater flow direction). Figures 11 and 12 display the geologic cross-section X-X' and Y-Y', respectively. Groundwater concentrations are included for the wells comprising the cross-sectional analysis.

The groundwater samples collected from wells MW-1, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, and MW-10D exceeded the MCL for benzene (5.0 ug/L) at concentrations ranging from 29.3 micrograms per liter (ug/L) at well MW-8 to 6,580 ug/L at well MW-6.

The groundwater samples collected from wells MW-1, MW-3, MW-4, MW-5, and MW-6 exceeded the MCL for toluene (1000 ug/L) at concentrations ranging from 1,230 ug/L at well MW-1 to 65,000 ug/L at well MW-6.

The groundwater samples collected from wells MW-1, MW-3, MW-4, MW-5, MW-6, and MW-7 exceeded

the MCL for ethylbenzene (700 ug/L) at concentrations ranging from 867 ug/L at well MW-1 to 4,510 ug/L at well MW-6.

The groundwater samples collected from wells MW-3, MW-4, MW-5, MW-6, and MW-7 exceeded the MCL for total xylenes (10,000 ug/L) at concentrations ranging from 16,500 ug/L at well MW-3 to 26,600 at well MW-6.

The groundwater samples collected from wells MW-1, MW-3, MW-4, MW-5, MW-6, and MW-7 exceeded the RBSL for naphthalene (25 ug/L) at concentrations ranging from 322 ug/L at well MW-1 to 799 at well MW-3.

Methyl-tert-butyl ether (MTBE) was detected in monitoring wells MW-8D, MW-10, and MW-10D at concentrations below the RBSL of 40 ug/L.

Tert-amyl alcohol was detected at a concentration of 287 ug/L at well MW-10D above its corresponding action level of 240 ug/L. One or more oxygenates were detected in wells MW-1, MW-8, MW-8D, MW-10, and MW-10D below their respective SCDES action levels.

The polynuclear aromatic hydrocarbons 1-methylnaphthalene, 2-methylnaphthalene, and naphthalene were detected in wells MW-1, MW-3, MW-4, MW-5, MW-6, and MW-7 at cumulative concentrations greater than 25 ug/L which is the total RBSL for PAHs.

1,2-dibromoethane (EDB) was detected in monitoring wells MW-10, MW-10D, MW-12D, and MW-13D at concentrations above the MCL of 0.05 ug/L. Concentrations ranged from 0.060 ug/L at well MW-13D to 1.6 ug/L at well MW-10D.

Lead was detected above the SCDES MCL of 10.0 ug/L in wells MW-3, MW-4, MW-6, MW-7, MW-11, MW-13D, and MW-14 at concentrations ranging from 10.1 ug/L at well MW-4 to 74.6 ug/L at well MW-13D.

POTENTIAL RECEPTORS

Water Supply Wells

No public water is available on the site or in the surrounding area. The subject site and surrounding

developed properties are served by individual water supply wells. The on-site water-supply well and the water-supply well on the adjoining property at 5120 Old Laurens Road were sampled during this Tier II assessment.

No petroleum constituents were detected in either water supply well during this assessment.

Surface Water

Lake Greenwood adjoins the subject site to the west and north. Two (2) samples (SW-1 and SW-2) were collected from the lake during this assessment. Laboratory data indicates that multiple petroleum constituents were detected in surface water sample SW-2 at concentrations below the SCDES RBSLs.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the site assessment activities, significant soil and groundwater impact underlies the UST basin and downgradient dock dispenser at the One Stop Marina property.

Concentrations above the effective solubility limits for toluene (26,540 ug/L), ethylbenzene (3,700 ug/L) and total xylenes (21,680 ug/L) were observed in monitoring well MW-6. Total xylenes were also observed to be above the effective solubility limit at monitoring well MW-5 (and Duplicate 2).

The horizontal contaminant migration pathway in the shallow aquifer extends northwest from the source area to the downgradient receptor (Lake Greenwood).

No significant vertical migration of petroleum contaminants (above MCLs or RBSLs) into the deeper portion of the saprolite aquifer was observed, with the exception that EDB was detected at MW-10D at a concentration of 1.6 ug/L.

Based on the conclusions above, it is recommended that site-specific target levels (SSTLs) be calculated by SCDES personnel and that the site be transferred into the corrective action division of the SCDES and considered for active corrective action.

FIGURES