

Phase II Environmental Site Assessment

ACRES ID: 239358

1317 N. Magnolia Avenue and 23 NE 13th Street

Ocala, Marion County, Florida

December 12, 2023 | Terracon Project No. EQ237012-Task B

Prepared for:

City of Ocala

EPA Brownfields Assessment Grant

Ocala, Florida



Prepared by:

Terracon Consultant, Inc.

Jacksonville, Florida



Nationwide
Terracon.com

- Facilities
- Environmental
- Geotechnical
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December 12, 2023

City of Ocala
201 SE 3rd Street, 2nd Floor
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Attn: Mr. Roberto Ellis
P: (352) 629-8381
E: rellis@ocalafl.gov

Re: Limited Phase II Environmental Site Assessment
ACRES ID: 239358
1317 N. Magnolia Avenue and
23 NE 13th Street
Ocala, Marion County, Florida
Terracon Project No. EQ237012 – Task D

Dear Mr. Ellis:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Limited Phase II Environmental Site Assessment (Phase II) report for the above-referenced site. This assessment was performed in accordance with the Authorization for Phase II ESA dated August 9, 2023, and our Professional Brownfields Services Contract GRM/220582 dated December 20, 2022. We appreciate the opportunity to be of service to you on this project. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in black ink, appearing to read 'Angellica Rodriguez-Baz'.

Angellica Rodriguez-Baz
Senior Staff Scientist
akrodriguezbaz@terracon.com

A handwritten signature in black ink, appearing to read 'Kyle Hayes'.

Kyle Hayes
Environmental Department Manager
kyle.hayes@terracon.com

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Appendix A - Field Photo Log, Soil Boring Logs, Well Construction and Development Logs, and Groundwater Sampling Logs
Appendix B - Laboratory Data Reports and Custody Record

1.0 Introduction

Terracon has completed Limited Phase II Environmental Site Assessment (Phase II) activities at the at 1317 N Magnolia Avenue and 23 NE 13th Street in Ocala, Marion County, Florida (the site). The work was performed in accordance with the Authorization for Phase II ESA dated August 9, 2023, and our Professional Brownfields Services Contract GRM/220582 dated December 20, 2022.

The site is currently 1.7-acres of undeveloped land and consists of Marion County Property Appraiser Parcel Nos. 26297-000-00 and 26298-000-00. The site is improved with a paved parking area on the southwest quadrant and utilities.

The site has been occupied by residential and commercial structures since 1930. The site was occupied by a furniture warehouse from 1930 to approximately 1960; a filling station was located at the southwest corner by 1930 through the mid-1940s; multiple residential homes until the 1970s, and a lumber storage company and associated warehouses from the mid-1940s through 2000. According to a representative from the City of Ocala, the lumber storage facility mainly operated across the street to the west and the site consisted of offices and lumber warehouse storage. The on-site structures were razed by 2013 and the site has since remained vacant.

The objective of this Limited Phase II was to assess the recognized environmental conditions (RECs) identified in the Terracon Phase I ESA dated July 12, 2023 (Terracon Project No. EQ237012, Task B). This report details the Phase II activities conducted on the site. A Topographic Vicinity Map is included as **Exhibit 1** and the site features are shown on the Site Diagram included as **Exhibit 2**. Below are the RECs that were investigated.

REC/Site Concern	Description
Former on-site filling station	Potential for a petroleum product release associated with a historical gas station located at the southwest corner of the site.
Former on-site Underground Storage Tanks (USTs)	Lack of regulatory tank closure documentation and the potential for a historical petroleum product release (<i>Note: Additional information obtained from the Florida Department of Environmental Protection (FDEP) after the completion of the Phase I ESA indicated the tanks formerly held trichlorethylene (TCE).</i>)
Former USTs at Chevron Station (northwest adjoining property)	Lack of regulatory tank closure documentation and the potential for a historical petroleum product release.

2.0 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time, as well as the Site Specific Quality Assurance Project Plan (SSQAPP) Revision 1, prepared by Terracon and dated October 5, 2023. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, and/or other third parties supplying information used in the preparation of the report. These LSI services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-19, *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment*.

2.1 ADDITIONAL SCOPE LIMITATIONS

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this supplemental LSI. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations, or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

2.2 RELIANCE

This report has been prepared for the exclusive use of the Client and its assigns. Any authorization for use and/or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the Client and Terracon. Any unauthorized distribution or reuse is at the Client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, this report, and the Agreement for Services between Terracon and the Client. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the Client and all relying parties unless otherwise agreed in writing.

3.0 LSI INVESTIGATION

A subsurface geophysical survey utilizing Ground Penetrating Radar (GPR) was completed on October 16, 2023. Soil and groundwater assessment activities were conducted from October 17, 2023, through October 18, 2023. A Field photo log is provided in **Appendix A**.

4.0 Utility Locates and GPR Survey

As discussed above, Terracon submitted a locate ticket using Florida's Sunshine 811 service, to locate public and private utilities in proximity to and within the right-of-way of the site. Terracon did not initiate subsurface work prior to the completion of the cleared 811 locate ticket. Terracon subcontracted GeoView who performed the ground penetrating radar (GPR) subsurface investigation and marked surface locations of subsurface anomalies that could indicate the potential presence of utilities in the proposed screening/sampling locations. Subsurface anomalies were not identified within at the prescribed sampling locations.

GeoView also performed the GPR subsurface investigation of potential onsite USTs and three USTs were located, and the suspect UST locations are provided on **Exhibit 2**.

5.0 Soil Sample Collection and Analyses

5.1.1 SOIL SCREENING

Soil samples for field screening were collected from boring locations shown on **Exhibit 2**. Field decontamination and soil sample collection procedures were consistent with the Florida Department of Environmental Protection's (FDEP's) *Standard Operating Procedures for Field Activities*, DEP-SOP-001/01, FC1000 and FS3000.

On October 17, 2023, a stainless-steel hand auger and Geoprobe® direct-push technology (DPT) were used to advance two soil borings (SB-1 through SB-9) at the site. The borings SB-1 through SB-4 were positioned within the approximate location of the former on-site filling station (southwest corner of the site) and the additional five soil borings (SB-5 through SB-9) were positioned on the northern portion of the site to evaluate the potential for impacts associated with historical site use and the former USTs.

Soil organic vapor headspace measurements were performed at each soil boring to screen for volatile organic vapors using an organic vapor analyzer (OVA) equipped with a photo ionization detector (PID). Physical indications of potential contaminant impacts were noted such as odor, sheen, and/or discoloration. Soil screening was performed from the surface to 0.5-foot below ground surface (bgs), and thereafter at 1-foot depth intervals to the groundwater table. Soil OVA headspace measurements were collected in general accordance with Chapter 62-780.200(17), Florida Administrative Code (FAC). No evidence of organic vapors were identified within the soil collected and observed through field measurements.

In general, soils consisted of grey, tan, orange and black silty sands from ground surface to approximately 5-feet bgs, where brown and orange clays were then encountered from approximately 5 to 20-feet bgs. The water table interface was encountered between approximately 6 feet bgs on the northeast portion of the site and 10 to 14 feet bgs on the western and southern portions of the site.

Soil boring locations are shown on **Exhibit 2**. Boring Logs which provide a summary of the OVA readings are included in **Appendix A**. Field decontamination and soil sample collection procedures were consistent with the FDEP's *Standard Operating Procedures for Field Activities*, DEP-SOP-001/01, FC1000 and FS3000.

5.1.2 SOIL SAMPLE COLLECTION

On October 17, 2023, soil samples were collected from the prescribed soil boring locations within the vadose zone at each location. SB-1, SB-3, and SB-5 were collected at a 12-foot depth interval (12-feet bgs), SB-2, SB-7, SB-9 were collected at 11-foot bgs, SB-4 was collected at 14-feet bgs, SB-6 was collected at 10-feet bgs and SB-8 was collected at 6-feet bgs, all of which were within the vadose zone approximately 1-foot above the water table in their respective locations. Soil samples were collected in laboratory-supplied containers, labeled, and packed in coolers on wet-ice for delivery using chain-of-custody procedures to Southern Research Laboratories, Inc (SRL).

The soil samples collected on October 17, 2023, were submitted for laboratory analysis of lead by EPA Method 6010B, polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270, volatile organic compounds (VOCs) by EPA Method 8260 and total recoverable petroleum hydrocarbons (TRPH). Laboratory analytical reports and chain-of-custody records are provided in **Appendix B**. Results are discussed in Section 3.0.

5.2 EQUIPMENT DECONTAMINATION AND QUALITY ASSURANCE

Non-expendable soil sampling equipment was decontaminated at the beginning of each sampling event and decontaminated between each soil boring by hand-scrubbing in a Luminox™ and water solution and rinsed with de-ionized (DI) water.

6.0 Groundwater Sample Collection and Analyses

On October 18, 2023, Terracon's drilling subcontractor, JAEE, also used Geoprobe® DPT methodology to install two temporary monitoring wells (TMW-1 through TMW-2). Temporary shallow monitoring well (TMW-1) was installed at the southwest corner of the site (at the SB-2 soil boring location) to evaluate groundwater associated with the former on-site filling station and temporary monitoring well (TMW-2) was installed on the northwest corner of the site to evaluate potential impacts from the former off-site and upgradient filling station. Additionally, JAEE, also used Geoprobe® DPT methodology to install a series of five discrete

sample well points (DSP-1 through DSP-5) across the site to evaluate for potential chlorinated solvent impacts associated with the former on-site USTs.

TMW-1 through TMW-2 were installed to a terminal depth of approximately 23-feet bgs respectively and were constructed of 10 feet of 1-inch diameter, 0.010-inch machine slotted polyvinyl chloride (PVC) well screen with a 20/30-graded silica sand filter pack and approximately 15 feet of 1-inch diameter PVC riser extending above ground through the surface. The temporary monitoring wells were developed by over pumping, and the purge water was spread on the adjoining, impervious land surface to evaporate. Stability parameters including pH, temperature, conductivity, dissolved oxygen, and turbidity were monitored during the groundwater purging and sampling procedures. The Well Construction and Development Logs are included in **Appendix A**. The temporary monitoring wells were removed, and the boreholes were abandoned immediately following the collection of groundwater samples.

Discrete sample well point samplers were advanced to an approximate depth of 25-feet bgs at DSP-1 through DSP-5. Groundwater samples were collected directly from the drill-rod and well screen assembly following proper development and purging. Following the collection of the upper interval water sample, well point DSP-2 was further advanced to an approximate depth of 35-feet bgs for the collection of another discrete sample to determine if chlorinated solvents are present at a deeper interval based on the potential for a nearby USTs with TCE to impact the site. DSP-3 was converted into a temporary piezometer (PZ-1) following the sampling protocol for use in estimating groundwater flow direction.

Groundwater sampling was conducted in general accordance with DEP-SOP-001/01, FS 2200 protocol. Groundwater samples for TMW-1 and TMW-2 were submitted for laboratory analysis of lead (total and dissolved) by EPA Method 6010B, PAHs by EPA Method 8270, VOCs by EPA Method 8260 and TRPH by FL-PRO. All discrete sample well points were analyzed for VOCs EPA Method 8260. The laboratory analytical reports and chain-of-custody records are provided in **Appendix B**. Results are discussed in Section 5.0. The temporary monitoring well locations are shown on **Exhibit 2**.

6.1.1 GROUNDWATER ELEVATION

On October 17, 2023, the depth to groundwater was measured to calculate groundwater elevations. These measurements were only collected from TMW-1, TMW-3 and PZ-1. The top of casing elevations were field surveyed to an arbitrary elevation datum and the depth-to-groundwater measurements were converted to groundwater elevations in order to evaluate groundwater flow direction. The measurements for the top of casing elevations, depth to groundwater, and groundwater table elevations are displayed on **Table 1**. The groundwater table elevations for three of the wells were plotted on **Exhibit 3**. Based on the October 17, 2023, measurements, the shallow aquifer groundwater flow direction is generally to the north.

7.0 Summary of Analytical Results

The following sections summarize the soil and groundwater analytical results from the Limited Phase II. Constituent concentrations were compared to the State of Florida's Chapter 62-777, FAC, Tables 1 and 2 containing Direct Exposure Residential and Commercial/Industrial Soil Cleanup Target Levels (SCTLs), Leachability based on Groundwater Criteria SCTLs, and Groundwater Cleanup Target Levels (GCTLs). Additionally, groundwater laboratory data were also evaluated with respect to Natural Attenuation Default Concentrations (NADCs) listed in Table 5 of Chapter 62-777, FAC.

7.1 SOIL ANALYTICAL RESULTS

A summary of the soil analytical results is provided in **Table 2**. Laboratory analytical reports and chain-of-custody records are provided in **Appendix B**. Soil analytical results are demonstrated on **Exhibit 4**.

Laboratory analytical results for soil samples reported all concentrations for PAHs, TRPH and VOC results below applicable SCTLs and below laboratory method detection limits (MDLs) as non-detected and are associated with a U-qualifier by the laboratory. SB-5 also reported lead as non-detected and is associated with a U-qualifier.

Lead was reported as detected in all samples and results consisted of the following SB-1 27.2 milligram/kilogram (mg/kg), SB-2 8.6mg/kg, SB-3 9.5mg/kg, SB-4 7.2mg/kg, SB-5XXmg/kg, SB-6 15.8mg/kg, SB-7 8.7mg/kg, SB-8 2.1mg/kg and SB-9 19mg/kg.

7.2 GROUNDWATER ANALYTICAL RESULTS

A summary of the groundwater analytical results is provided in **Table 3**. Laboratory analytical reports and chain-of-custody records are provided in **Appendix B**. Groundwater analytical results are demonstrated on **Exhibit 5**.

Laboratory analytical results for all groundwater samples collected reported lead, PAHs, TRPH and VOC results as non-detected and are associated with a U-qualifier by the laboratory.

7.3 CONCLUSIONS

Based on the results of this investigation, three suspect USTS remain in site, soil and groundwater impacts were not identified within tested samples and shallow groundwater flow at the site is directed to the north.

7.4 RECOMMENDATIONS

Based on the above findings, it is recommended to complete a formal UST closure assessment and update Storage Tank Facility Registration Forms [DEP form 62-761.901(2)] for FDEP and City of Ocala Public Works recording.

8.0 REFERENCES

Phase I ESA dated July 12, 2023, prepared by Terracon (Project No. EQ237012-Task B)

Site Specific Quality Assurance Project Plan- Revision 1 dated October 5, 2023, prepared by Terracon (Project No. EQ237012-Task C)

Chapter 62-777, FAC, Cleanup Target Levels, April 2005

FDEP *Standard Operating Procedures for Field Activities*, DEP-SOP-001/01, 2017

FDEP *Process for Assessing Data Usability*, DEP-EA 001/07, 2008

9.0 QUALITY ASSURANCE/Quality control

The Generic QAPP and SSQAPP Addendum for this project set forth the procedures and methods for data collection, and specific procedures and adjustments necessary to maintain data quality to support the project decision: *can the site or areas within the site be considered for redevelopment without environmental remedy?* This assessment required both field and laboratory checks to monitor conformance to project quality objectives.

SITE-SPECIFIC CORRECTIVE ACTIONS

A field methods audit was not conducted during the fieldwork for this site. During the recent fieldwork, assessment practices were generally conducted in a method consistent with the methodology of the SSQAPP and FDEP SOPs.

QUALITY CONTROL PARAMETERS

To assess whether quality assurance objectives for this project have been achieved, the following quality control (QC) parameters were considered: precision, accuracy, representativeness, comparability, completeness, and sensitivity. Laboratory analytical reports and chain-of-custody records are provided in **Appendix B**.

PRECISION AND ACCURACY

Precision

Precision is typically evaluated using relative percent difference (RPD). The laboratory analyzed and evaluated Laboratory Control Sample (LCS) and Matrix Spike (MS) duplicates to assess analytical precision. The LCS RPDs were reported within acceptable limits within RSL reports 2310037 and 2310046.



A summary of individual exceptions can be found the laboratory report case narrative. For solid matrices, duplication of non-homogeneous samples (i.e. soils) is difficult due to matrix interference, which commonly results in elevated RPDs. In Terracon's opinion, the RPDs reported outside laboratory precision limits have not impacted the decision.

Accuracy

Accuracy is evaluated using a percent recovery measured in spiked and un-spiked samples. Accuracy is a function of the laboratory method, and parameters regarding accuracy are included in the report provided by the laboratory. The laboratory analyzed and evaluated LCS and MS recoveries to assess analytical accuracy. Laboratory accuracy controls were documented in accordance with the laboratory's QA Manual (included as an appendix to the Generic QAPP).

Trip blanks were planned and requested of the laboratory. Potential impacts to accuracy due to sample transport conditions were not documented by the laboratory. One equipment blank was planned as part of this assessment to be collected during soil sample activities. No analytes were reported in the equipment blank (Trip Blank) within RSL Reports 2310037 and 2310046. In Terracon's opinion, field decontamination procedures have not impacted sample accuracy. Since the equipment blank reported no analyte detections, the equipment blank can be considered as an evaluation of sample transport conditions from time of collection to analysis.

Sample holding times were met for all constituent analyses.

MS recoveries and LCS recoveries were reported within QC limits within RSL Reports 2310037 and 2310046.

Representativeness

Terracon has evaluated the representativeness of the Phase II ESA activities to document the degree to which the sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Review of field methods and procedures indicated that sample collection, handling, and transportation were conducted in accordance with the SSQAPP. Review of analytical results indicates that the analytical data is generally uniform and consistent between sampling points.

Completeness

Samples were not collected as planned in the SSQAPP. Three temporary monitoring wells did not produce water for sampling and were terminated after multiple attempts to purge and sample groundwater. All samples that were collected were submitted and analyzed according to the chain-of-custody.

Comparability

To produce comparable data, the units specified for analytical results obtained during the field activities are consistent throughout this project and standardized analytical methods have been used for each parameter.

Sensitivity

Sensitivity is an instanced measure of a particular set of sample detection limits against the applicable CTL. Sufficient sensitivity implies that for a given analyte, detection limits were low enough to evaluate a “non-detect” versus the CTL. Conversely, insufficient sensitivity implies that even though a given analyte may not be detected above a CTL, the detection limit is elevated above the CTL. In such a case, it is unknown if the analyte is present at the site above a CTL.

Terracon reviewed the laboratory reports generated during this assessment. Laboratory quantitation limits were sufficient to report concentrations below the applicable standards for the analytes.

In cases where the laboratory is unable to detect to the CTL for a specific analyte, Chapter 62-780.650(1)(d), FAC, establishes the CTL as the best achievable detection limit (i.e., the laboratory’s PQL).

LABORATORY DATA EVALUATION

The laboratory completed validation and verification of laboratory processes and data and delivered a laboratory report to Terracon for review. The laboratory report and the QC information contained therein documents compliance to the SSQAPP Addendum.

Data were evaluated with respect to applicable CTLs as detailed in the Generic QAPP Section A-5.2. The following CTLs were applied: Chapter 62-777, FAC Residential Direct Exposure SCTLs, Commercial/Industrial Direct Exposure SCTLs, Leachability SCTLs based on groundwater criteria, GCTLs, and NADCs.

Data qualifiers were used by the contract laboratory when presenting data in the laboratory reports included in **Appendix B**. These qualifiers are presented at the end of each laboratory report.

Data usability determination is also a part of data evaluation. After data quality has been assessed, and the analytical data has been reviewed and qualifier codes have been applied, these data must be individually identified and assessed for usability. Sample data (both with and without qualifier codes) may be generally spoken of as either qualitative (restricted), quantitative (unrestricted), or unusable. Within any matrix, it is likely certain samples may have parameters that require qualifier codes. A discussion of these qualifier codes for each level is provided below if warranted.

QUALITATIVE DATA – RESTRICTED DATA

Qualitative data are often referred to as Restricted Data. All screening data is considered Restricted Data. Screening data may not be considered as Unrestricted Data and cannot be used to make site management decisions. Restricted data may also include “I” coded laboratory data. These data are considered to be an estimated quantity, i.e., a presence or absence value. Any sample data receiving an “R” qualifier code, “N” code, “J” qualifier, or an *unexplained* “B” qualifier code was not classified as Restricted Data and was considered unusable for making site decisions (none of these codes were identified). Data with a “I” code were not automatically classified as qualitative data only; these data were considered as Unrestricted Data (quantitative) depending on bias and were evaluated on a case by case basis. Data reported with a “U” code is classified as Unrestricted Data, provided the detection limit was not above an applicable CTL for that analyte.

All field-instrument-derived data was accepted as Restricted Data only and was not considered for inclusion as Unrestricted Data.

QUANTITATIVE DATA – UNRESTRICTED DATA

Quantitative data are referred to as Unrestricted Data. Only data meeting field and analytical data usability requirements may be classified as Unrestricted Data. This requires that all quality assurance parameters have been satisfied, including quality control criteria. Only data that were found to be analytically valid and passed all criteria for Unrestricted Data were considered for classification as Unrestricted Data. These data are considered definitive and may be used for any purpose.

In reviewing the laboratory results, several analytes are reported as detections with “I” data qualifiers, indicating the reported value is an estimate reported within the 95% confidence interval. These compounds were detected above the laboratory Method Detection Limit (MDL), but below the Practical Quantitation Limit (PQL). The MDL is the lowest concentration at which an analyte can be detected in a sample by the particular laboratory method used. “Detected” indicates that the analyte can be distinguished from the blank with reasonable certainty. Results above the MDL can be distinguished from the blank and fall within applicable standard curves. For the purposes of this assessment, all “I” and “J” qualified data are considered acceptable for making site management decisions as these data are not the sole determinant of “clean.” Qualified data meeting acceptance criteria for sensitivity has been considered against applicable CTLs in evaluating extent of impacts.

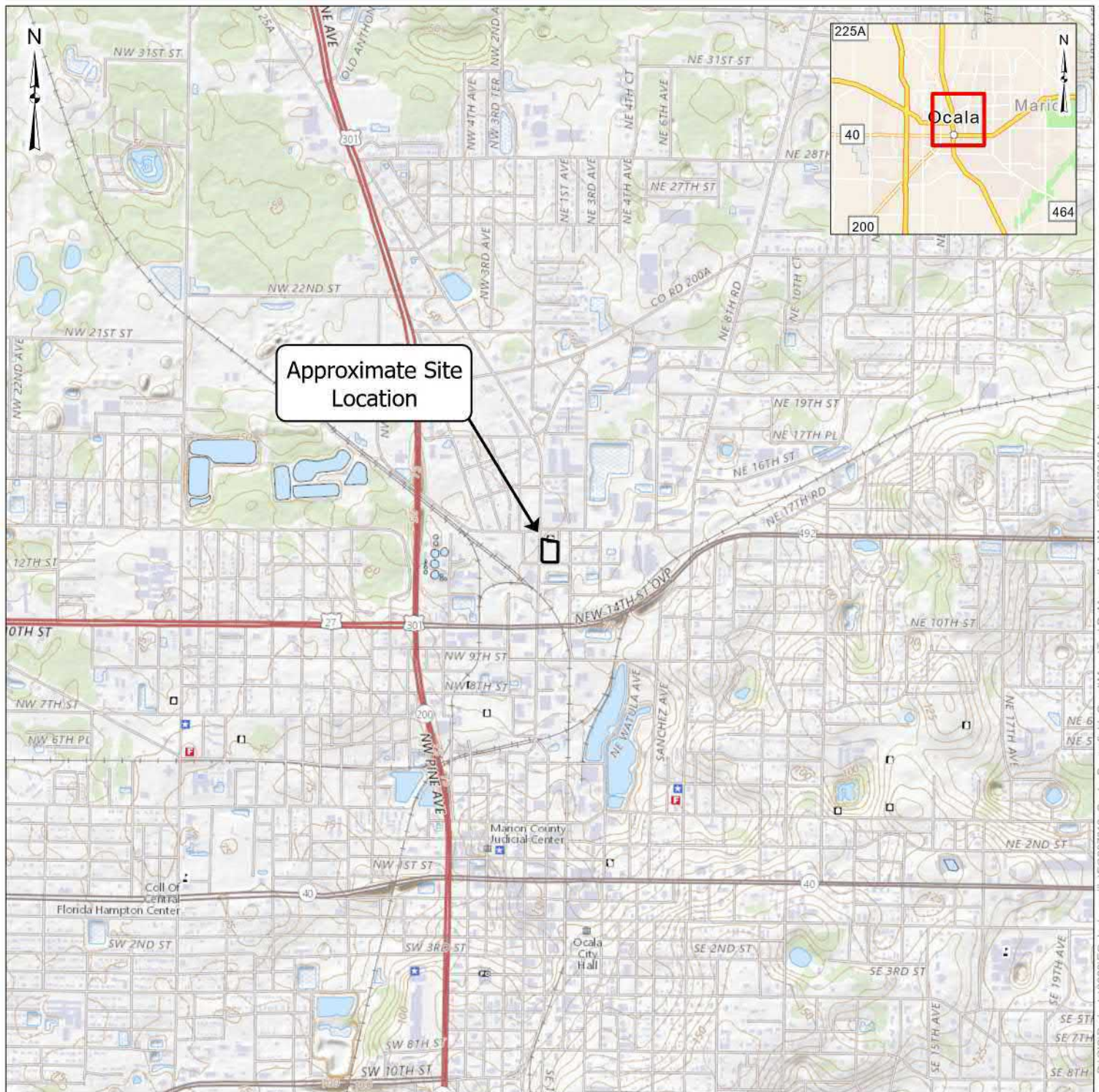
Data for individual analytes which fail sensitivity requirements would normally be rejected; however, Chapter 62-780.650(1)(d), FAC allows that these data be acceptable for use as Unrestricted Data. All remaining laboratory-derived data are accepted as Unrestricted Data. Individual data failing project-use criteria are not the sole determinant of clean for any area of the site and may be viewed as qualitative support for the entire data set.



NATURAL ATTENUATION DEFAULT CONCENTRATIONS

Natural attenuation is defined by the EPA as “a variety of physical, chemical, or biological processes that, under favorable conditions, act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil or groundwater”. Use of monitored natural attenuation as a remediation strategy involves a formal regulatory process to verify that natural processes are effective to complete site cleanup. Chapter 62-777, FAC NADCs were created as a rule of thumb procedure to simplify the technical evaluation to justify natural attenuation monitoring as a viable strategy at the conclusion of site assessment. Concentrations of COCs below NADCs may qualify for natural attenuation as a possible remediation strategy to achieve site cleanup.

EXHIBITS



Site Boundary

Feet
0 1,000 2,000 4,000

DATA SOURCES:
USGS - Topographic Survey, Ocala West Quadrangle;
ESRI - USGS Topographic Basemap & World
Navigation Map

Project No.:
EQ237012
Date:
Nov 2023
Drawn By:
CBM
Reviewed By:
AKRB



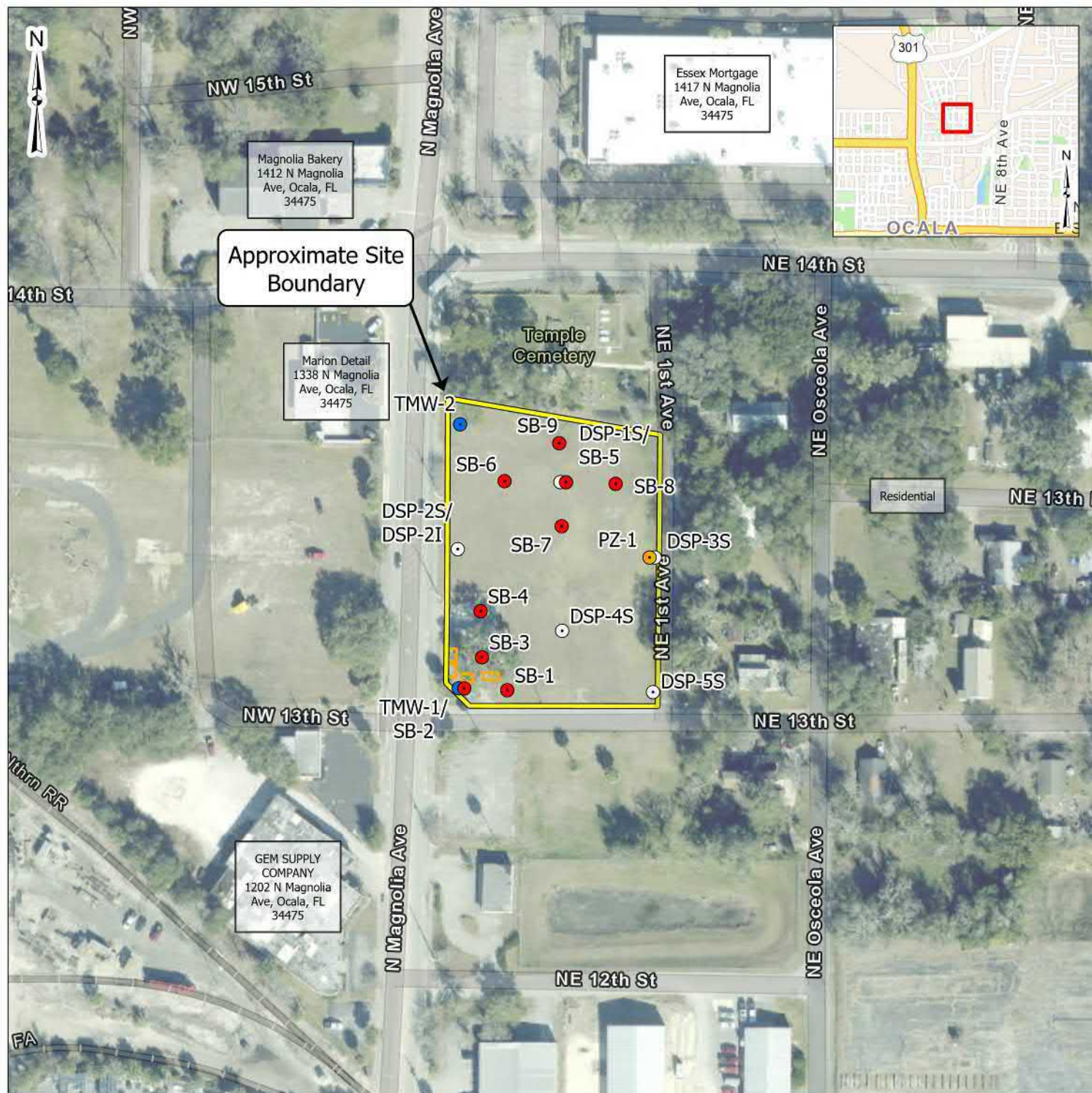
8001 Baymeadows Way, Ste 1 Jacksonville, FL 32256
PH. (904) 900-6494 terracon.com

Topographic Vicinity Map

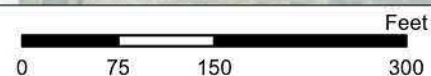
PHASE II ENVIRONMENTAL SITE
ASSESSMENT
MAGNOLIA AVENUE SITE
1317 N. MAGNOLIA AVE. & 23 NE 13TH ST.
OCALA, MARION COUNTY, FLORIDA

Exhibit

1



- Site Boundary
- Potential Underground Storage Tanks
- Soil Borings
- Temporary Monitoring Wells
- Discrete Sample Points
- Temporary Piezometer



DATA SOURCES:
ESRI - World Imagery Hybrid Basemap & World Navigation Map

Project No.:
EQ237012

Date:
Nov 2023

Drawn By:
CBM

Reviewed By:
AKRB

terracon

8001 Baymeadows Way, Ste 1 Jacksonville, FL 32256

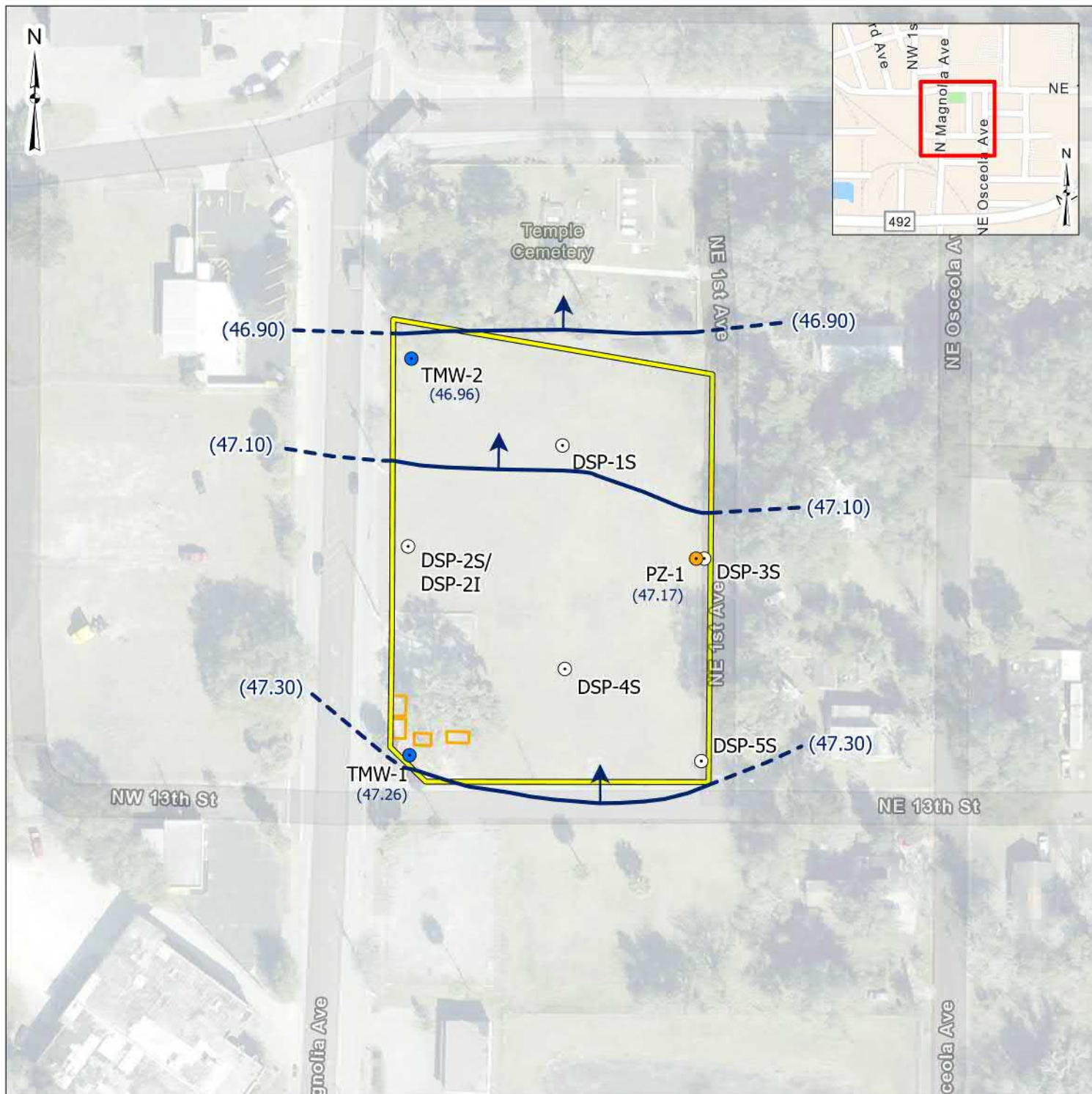
PH. (904) 900-6494 terracon.com

Site Diagram

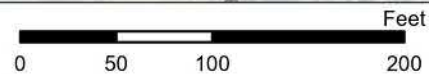
PHASE II ENVIRONMENTAL SITE
ASSESSMENT
MAGNOLIA AVENUE SITE
1317 N. MAGNOLIA AVE. & 23 NE 13TH ST.
OCALA, MARION COUNTY, FLORIDA

Exhibit

2



- Site Boundary
- Potential Underground Storage Tanks
- Temporary Monitoring Wells
- Discrete Sample Points
- Temporary Piezometer
- Inferred Groundwater Contour
- Relative Groundwater Contour
- (4.33) Relative Groundwater Elevation (feet)
- Groundwater Flow Direction



DATA SOURCES:
ESRI - World Imagery Hybrid Basemap & World Navigation Map

Project No.:
EQ237012

Date:
Dec 2023

Drawn By:
CBM

Reviewed By:
AKRB

terracon

8001 Baymeadows Way, Ste 1 Jacksonville, FL 32256

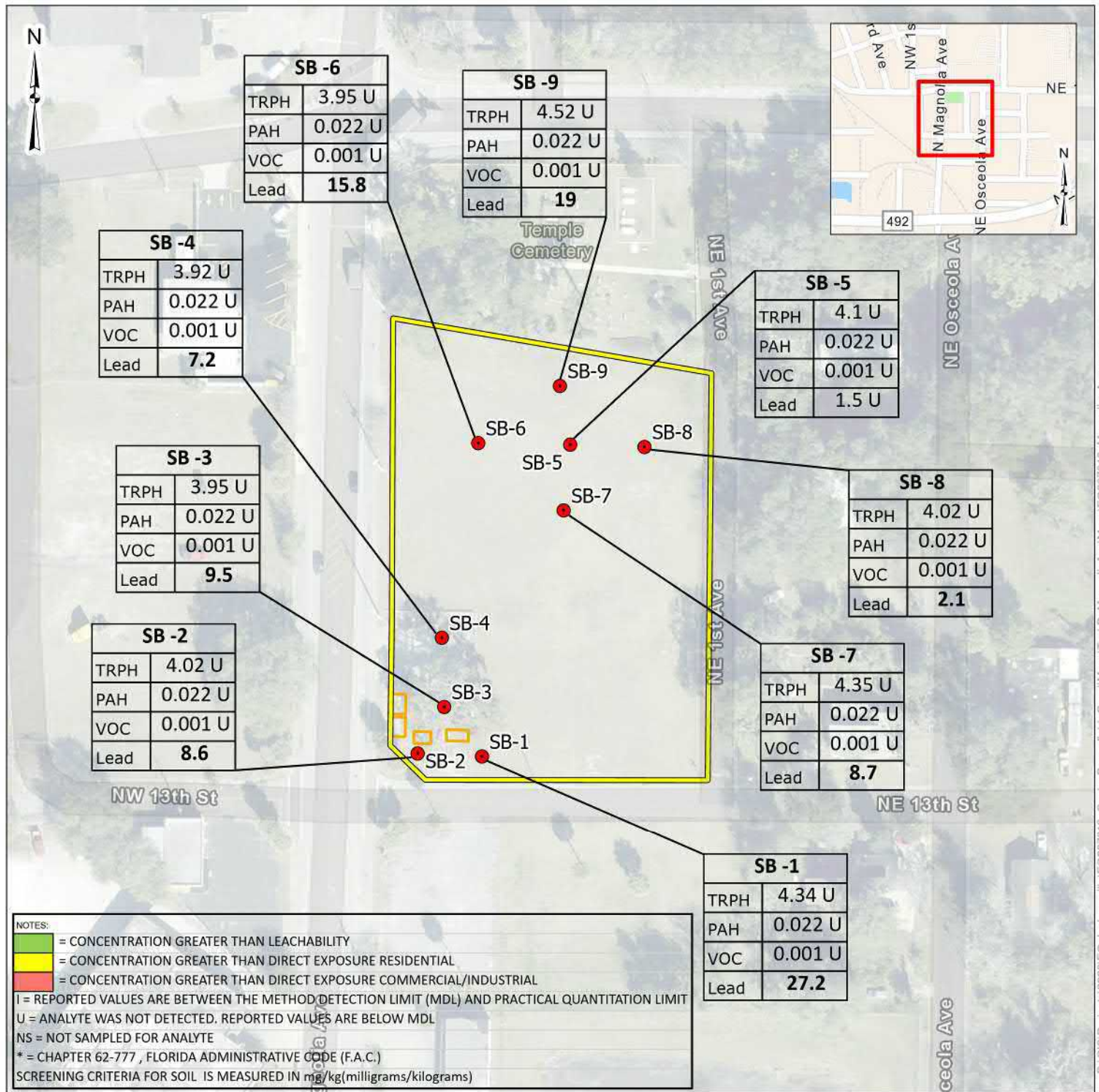
PH. (904) 900-6494 terracon.com

Shallow Groundwater Flow

PHASE II ENVIRONMENTAL SITE
ASSESSMENT
MAGNOLIA AVENUE SITE
1317 N. MAGNOLIA AVE. & 23 NE 13TH ST.
OCALA, MARION COUNTY, FLORIDA

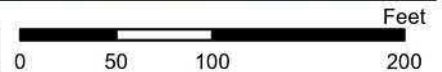
Exhibit

3



- Site Boundary
- Potential Underground Storage Tanks
- Soil Borings

TRPH	total recoverable petroleum hydrocarbons
PAH	polycyclic aromatic hydrocarbons (semi-volatiles)
VOC	volatile organic compounds
Lead	lead



DATA SOURCES:
ESRI - World Imagery Hybrid Basemap & World Navigation Map

Project No.:
EQ237012

Date:
Nov 2023

Drawn By:
CBM

Reviewed By:
AKRB

terracon

8001 Baymeadows Way, Ste 1 Jacksonville, FL 32256

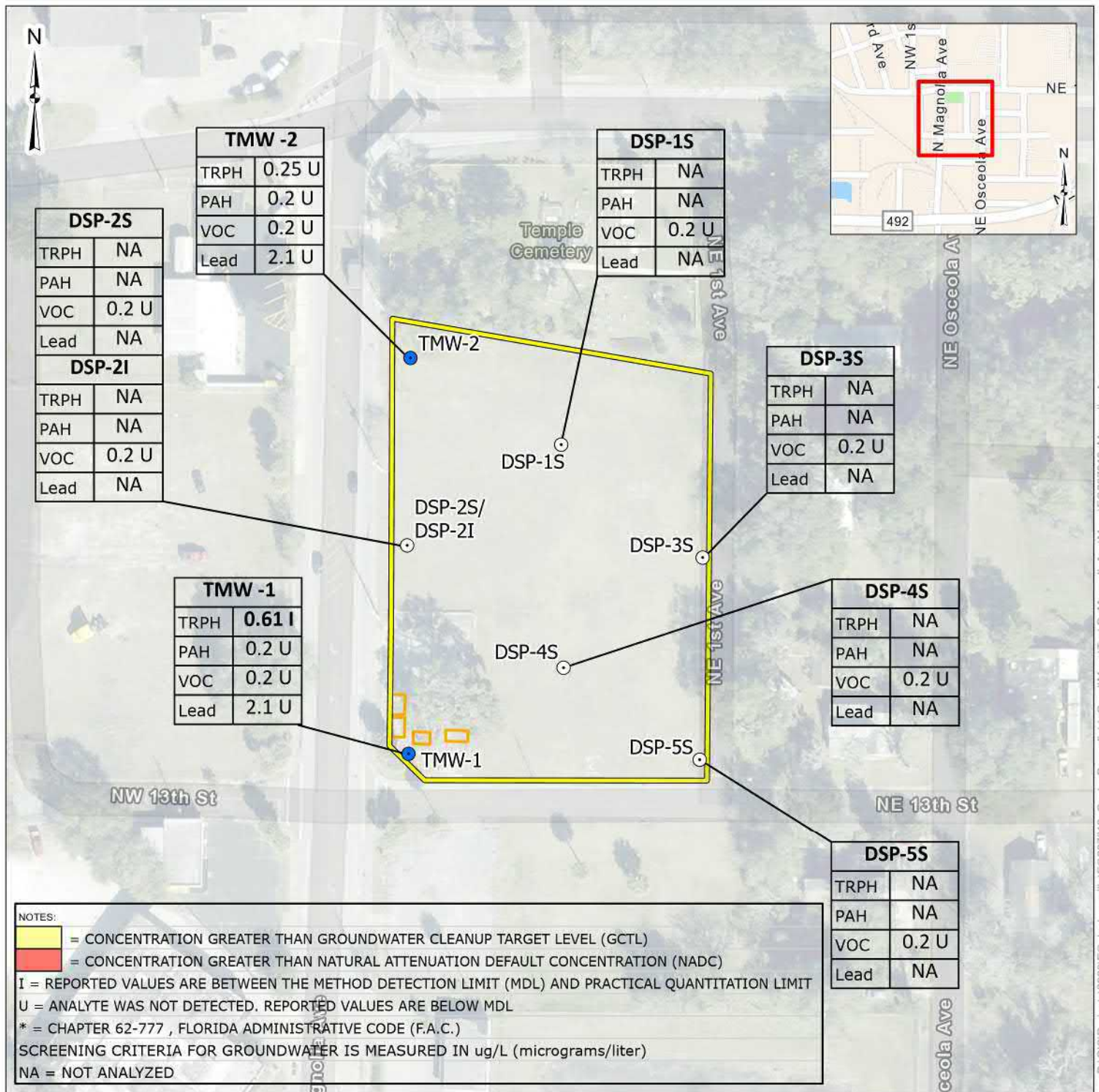
PH. (904) 900-6494 terracon.com

Soil Analytical Data - October 17, 2023

PHASE II ENVIRONMENTAL SITE
ASSESSMENT
MAGNOLIA AVENUE SITE
1317 N. MAGNOLIA AVE. & 23 NE 13TH ST.
OCALA, MARION COUNTY, FLORIDA

Exhibit

4



Project No.: EQ237012
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 8001 Baymeadows Way, Ste 1 Jacksonville, FL 32256
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Groundwater Analytical Data - October 18, 2023
 PHASE II ENVIRONMENTAL SITE ASSESSMENT
 MAGNOLIA AVENUE SITE
 1317 N. MAGNOLIA AVE. & 23 NE 13TH ST.
 OCALA, MARION COUNTY, FLORIDA

Exhibit
 5

TABLES



**TABLE 1: GROUNDWATER ELEVATION
SUMMARY**
**1317 N. Magnolia Avenue and 23 NE 13th
Street**
Ocala, Marion County, Florida
ACRES ID: 239359

WELL NO.	TMW-1		TMW-2		PZ-1	
DIAMETER (IN.)	1		1		1	
WELL DEPTH (FT.)	23		23		25	
SCREEN INTERVAL (FT.)	18-23		18-23		20-25	
TOC ELEVATION (FT.)	63.48		63.27		60.88	
DATE	ELEV	DTW	ELEV	DTW	ELEV	DTW
10/18/2023	47.26	16.22	46.96	16.31	47.17	13.71

Notes: * TOC Elevations obtained from public record and prior assesments

not conducted by Terracon.

All measurements = Feet

ELEV = Elevation Value

DTW = Depth to Water Value

NM = Not Measured

Blank Rows and Collums = no data recorded

BOLD TEXT = data collected by Terracon



TABLE 2: SOIL ANALYTICAL DATA
1317 N. Magnolia Avenue and 23 NE 13th Street
Ocala, Marion County, Florida
ACRES ID: 239359

Sample				TRPH	Semivolatiles																		
Location	Sampled Interval (feet bgs)	Net OVA Reading (ppm)	Date Sampled		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo (g,h,i) perylene	Fluoranthene	Fluor-ene	Phenanthrene	Pyrene	Benzo (a) pyrene	Benzo (a) anthracene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Indeno (1,2,3-cd) pyrene	Benzo (a) pyrene Equivalent
Leachability Based on Groundwater Criteria (mg/kg)				340	1.2	3.1	8.5	2.1	27	2500	32000	1200	160	250	880	8	0.8	2.4	24	77	0.7	6.6	8
Direct Exposure Residential (mg/kg)				460	55	200	210	2400	1800	21000	2500	3200	2600	2200	2400	0.1	#	#	#	#	#	#	0.1
Direct Exposure Commercial/Industrial (mg/kg)				2700	300	1800	2100	20000	20000	300000	52000	59000	33000	36000	45000	0.7	#	#	#	#	#	#	0.7
SB-1	12	0.0	10/17/2023	4.34 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-2	11	0.0	10/17/2023	4.02 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-3	10	0.0	10/17/2023	3.95 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-4	14	0.0	10/17/2023	3.92 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-5	12	0.0	10/17/2023	4.1 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-6	10	0.0	10/17/2023	3.95 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-7	11	0.0	10/17/2023	4.35 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-8	6	0.0	10/17/2023	4.02 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
SB-9	11	0.0	10/17/2023	4.52 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

Sample				Metals	Volitiles			
Location	Sampled Interval (feet bgs)	Net OVA Reading (ppm)	Date Sampled	Lead	PCE (tetrachloroethylene)	TCE (trichloroethylene)	trans-1,2-Dichloroethene	Vinyl Chloride
Leachability Based on Groundwater Criteria (mg/kg)				#	0.03	0.03	0.7	0.007
Direct Exposure Residential (mg/kg)				400	8.8	6.4	53	0.2
Direct Exposure Commercial/Industrial (mg/kg)				1400	18	9.3	290	0.8
SB-1	12	0.0	10/17/2023	27.2	0.001 U	0.001 U	0.001 U	0.001 U
SB-2	11	0.0	10/17/2023	8.6	0.001 U	0.001 U	0.001 U	0.001 U
SB-3	12	0.0	10/17/2023	9.5	0.001 U	0.001 U	0.001 U	0.001 U
SB-4	14	0.0	10/17/2023	7.2	0.001 U	0.001 U	0.001 U	0.001 U
SB-5	12	0.0	10/17/2023	1.5 U	0.001 U	0.001 U	0.001 U	0.001 U
SB-6	10	0.0	10/17/2023	15.8	0.001 U	0.001 U	0.001 U	0.001 U
SB-7	11	0.0	10/17/2023	8.7	0.001 U	0.001 U	0.001 U	0.001 U
SB-8	6	0.0	10/17/2023	2.1	0.001 U	0.001 U	0.001 U	0.001 U
SB-9	11	0.0	10/17/2023	19	0.001 U	0.001 U	0.001 U	0.001 U

Notes

(I) The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

(NS) Not sampled for

(U) The compound was analyzed for but not detected



TABLE 3: GROUNDWATER ANALYTICAL SUMMARY
1317 N. Magnolia Avenue and 23 NE 13th Street
Ocala, Marion County, Florida
ACRES ID: 239359

Sample				TRPH	Semivolatiles																	
Location	DTW (feet bgs)	Well Depth (feet bgs)	Date		Naphthale ne	1-Methyl naphthalene	2-Methyl naphthalen e	Acenaph- thene	Acenaph- thylene	Anthra- cene	Benzo (g,h,i) perylene	Fluoran- thene	Fluorene	Phenan- threne	Pyrene	Benzo (a) pyrene	Benzo (a) anthra- cene	Benzo (b) fluoran- thene	Benzo (k) fluoran- thene	Chry- sene	Dibenz (a,h) anthra- cene	Indeno (1,2,3- cd) pyrene
GCTLs (ug/L)				5	14	28	28	20	210	2,100	210	280	280	210	210	0.2**	0.05 ^a	0.05 ^a	0.5	4.8	0.005 ^a	0.05 ^a
NADCs (ug/L)				50	140	280	280	200	2100	21,000	2100	2800	2800	2100	2100	20	5	5	50	480	0.05	5
TMW-1	16.41	23	10/18/2023	0.61 I	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	0.025 U	0.2 U	0.2 U	0.05 U	0.05 U
TMW-2	16.22	23	10/18/2023	0.25 U	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.05 U	0.025 U	0.2 U	0.2 U	0.05 U	0.05 U

Sample				Volitiles							Metals
Location	DTW (feet bgs)	Well Depth (feet bgs)	Date	PCE (tetrachloro ethylene)	TCE (trichloroe thylene)	1,2- Dichloroethe ne (Total)	cis-1,2- Dichloroet hene	trans-1,2- Dichloroe thene	Methylene Chloride	Vinyl Chloride	Lead
GCTLs (ug/L)				3	3	63	70	100	5	1	15**
NADCs (ug/L)				300	300	630	700	1000	500	100	150
TMW-1	16.41	23	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	2.1 U
TMW-2	16.22	23	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	2.1 U
DSP-1S	NA	25	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA
DSP-2S	NA	25	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA
DSP-2I	NA	35	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA
DSP-3S	NA	25	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA
DSP-4S	NA	25	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA
DSP-5S	NA	25	10/18/2023	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	2 U	0.2 U	NA

Notes

(I) The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

(NS) Not sampled for

(U) The compound was analyzed for but not detected

(V) Method blank contamination

(NA) Not Analyzed

APPENDIX A

Field Photo Log, Soil Boring Logs,
Well Construction and Development Logs,
Groundwater Sampling Logs, and Calibration Logs



Photo 1: Representative view of a soil boring core



Photo 2: Additional representative view of a soil boring core



Photo 3: Representative view of drilling procedure



Photo 4: Representative view of soil screening procedure



Photo 5: Representative view of discrete point sampling procedure



Photo 6: Representative view of groundwater sampling procedure



Photo 7: View of the suspect UST locations on site.

BORING LOG

Page 1 of 2

Boring/Well Number: SB-1		Project Number: EQ237330		FDEP Facility Identification Number: NA							
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023		Borehole Start Time: 1010 ☒ AM ☐ PM							
		End Date:		End Time: 1015 ☒ AM ☐ PM							
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS							
Drilling Company: JAEE		Pavement Thickness (inches): N/A		Borehole Diameter (inches): 3.25							
				Borehole Depth (feet): 11'							
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):							
				OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID							
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):											
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	0'-0.5' LRRB / Rootmass	SP	M	
						0.0	1	0.5-1.0' Grey-Black silty sand 3 LBS. w/ rootmass	SM		
						0.0	2				
						0.1	3				
						0.0	4	TAN / Black mottled silty sand			Sampled
						0.0	5	4-7'	SM		121
						0.0	6				1045
							7	7-9' TAN / Grey clay	SC		
							8				
							9	9.5 weathered limestone - GW			
							10	9.5-14' Gray loamy mottled clay	SC		
							11				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 2

Boring/Well Number: SB-1		FDEP Facility Identification Number: NA		Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023					
						End Date:					
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP						DP	13	Gray / orange mottled clay	SC	S ₁₃	
							14				Sampled @ 12' @ 1045
							15				
							16				
							17				
							18				
							19				
							20				
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOGPage 1 of **2**

Boring/Well Number: SB-2 17MU-1		Project Number: EQ237330		FDEP Facility Identification Number: NA							
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23		Borehole Start Time: 1340 ☐ AM ☒ PM							
		End Date: 1		End Time: 1348 ☐ AM ☒ PM							
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS							
Drilling Company: JAEE		Pavement Thickness (inches): 4"		Borehole Diameter (inches): 3.25							
				Borehole Depth (feet): 20'							
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content): 10'		Measured Well DTW (in feet after water recharges in well):							
				OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID							
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):											
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	6-4" Asphalt 4"-6" LRRB; 0.5-10'	Sm	0	
						0.0	1	Orange / TAN silty SANDS	Sm	m	
						0.0	2	clay inclusion Brown / Black mottled	Sc		
						0.0	3				
						0.0	4				
						0.0	5				
						0.1	6				
						0.0	7				
						0.0	8				
						0.0	9				
						0.0	10				
						0.0	11	Brown ORANGE clay SANDS 11'-12.5'	Sc		

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 1 of 2

Boring/Well Number: SB-2		Project Number: EQ237330		FDEP Facility Identification Number: NA							
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023		Borehole Start Time: ☐ AM ☒ PM							
		End Date:		End Time: ☐ AM ☒ PM							
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS							
Drilling Company: JAEE		Pavement Thickness (inches): 4"		Borehole Diameter (inches): 3.25							
				Borehole Depth (feet): 20'							
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):							
				OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID							
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):											
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A		13' 12.5' RS. 14' RS. 15' RS. 16' RS. 17' RS. 18' RS. 19' RS. 20' RS. 21' RS. 22' RS. 23' RS. 24' RS. 25' RS. 26' RS. 27' RS. 28' RS. 29' RS. 30' RS. 31' RS. 32' RS. 33' RS. 34' RS. 35' RS. 36' RS. 37' RS. 38' RS. 39' RS. 40' RS. 41' RS. 42' RS. 43' RS. 44' RS. 45' RS. 46' RS. 47' RS. 48' RS. 49' RS. 50' RS. 51' RS. 52' RS. 53' RS. 54' RS. 55' RS. 56' RS. 57' RS. 58' RS. 59' RS. 60' RS. 61' RS. 62' RS. 63' RS. 64' RS. 65' RS. 66' RS. 67' RS. 68' RS. 69' RS. 70' RS. 71' RS. 72' RS. 73' RS. 74' RS. 75' RS. 76' RS. 77' RS. 78' RS. 79' RS. 80' RS. 81' RS. 82' RS. 83' RS. 84' RS. 85' RS. 86' RS. 87' RS. 88' RS. 89' RS. 90' RS. 91' RS. 92' RS. 93' RS. 94' RS. 95' RS. 96' RS. 97' RS. 98' RS. 99' RS. 100' RS. 101' RS. 102' RS. 103' RS. 104' RS. 105' RS. 106' RS. 107' RS. 108' RS. 109' RS. 110' RS. 111' RS. 112' RS. 113' RS. 114' RS. 115' RS. 116' RS. 117' RS. 118' RS. 119' RS. 120' RS. 121' RS. 122' RS. 123' RS. 124' RS. 125' RS. 126' RS. 127' RS. 128' RS. 129' RS. 130' RS. 131' RS. 132' RS. 133' RS. 134' RS. 135' RS. 136' RS. 137' RS. 138' RS. 139' RS. 140' RS. 141' RS. 142' RS. 143' RS. 144' RS. 145' RS. 146' RS. 147' RS. 148' RS. 149' RS. 150' RS. 151' RS. 152' RS. 153' RS. 154' RS. 155' RS. 156' RS. 157' RS. 158' RS. 159' RS. 160' RS. 161' RS. 162' RS. 163' RS. 164' RS. 165' RS. 166' RS. 167' RS. 168' RS. 169' RS. 170' RS. 171' RS. 172' RS. 173' RS. 174' RS. 175' RS. 176' RS. 177' RS. 178' RS. 179' RS. 180' RS. 181' RS. 182' RS. 183' RS. 184' RS. 185' RS. 186' RS. 187' RS. 188' RS. 189' RS. 190' RS. 191' RS. 192' RS. 193' RS. 194' RS. 195' RS. 196' RS. 197' RS. 198' RS. 199' RS. 200' RS. 201' RS. 202' RS. 203' RS. 204' RS. 205' RS. 206' RS. 207' RS. 208' RS. 209' RS. 210' RS. 211' RS. 212' RS. 213' RS. 214' RS. 215' RS. 216' RS. 217' RS. 218' RS. 219' RS. 220' RS. 221' RS. 222' RS. 223' RS. 224' RS. 225' RS. 226' RS. 227' RS. 228' RS. 229' RS. 230' RS. 231' RS. 232' RS. 233' RS. 234' RS. 235' RS. 236' RS. 237' RS. 238' RS. 239' RS. 240' RS. 241' RS. 242' RS. 243' RS. 244' RS. 245' RS. 246' RS. 247' RS. 248' RS. 249' RS. 250' RS. 251' RS. 252' RS. 253' RS. 254' RS. 255' RS. 256' RS. 257' RS. 258' RS. 259' RS. 260' RS. 261' RS. 262' RS. 263' RS. 264' RS. 265' RS. 266' RS. 267' RS. 268' RS. 269' RS. 270' RS. 271' RS. 272' RS. 273' RS. 274' RS. 275' RS. 276' RS. 277' RS. 278' RS. 279' RS. 280' RS. 281' RS. 282' RS. 283' RS. 284' RS. 285' RS. 286' RS. 287' RS. 288' RS. 289' RS. 290' RS. 291' RS. 292' RS. 293' RS. 294' RS. 295' RS. 296' RS. 297' RS. 298' RS. 299' RS. 300' RS. 301' RS. 302' RS. 303' RS. 304' RS. 305' RS. 306' RS. 307' RS. 308' RS. 309' RS. 310' RS. 311' RS. 312' RS. 313' RS. 314' RS. 315' RS. 316' RS. 317' RS. 318' RS. 319' RS. 320' RS. 321' RS. 322' RS. 323' RS. 324' RS. 325' RS. 326' RS. 327' RS. 328' RS. 329' RS. 330' RS. 331' RS. 332' RS. 333' RS. 334' RS. 335' RS. 336' RS. 337' RS. 338' RS. 339' RS. 340' RS. 341' RS. 342' RS. 343' RS. 344' RS. 345' RS. 346' RS. 347' RS. 348' RS. 349' RS. 350' RS. 351' RS. 352' RS. 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797' RS. 798' RS. 799' RS. 800' RS. 801' RS. 802' RS. 803' RS. 804' RS. 805' RS. 806' RS. 807' RS. 808' RS. 809' RS. 810' RS. 811' RS. 812' RS. 813' RS. 814' RS. 815' RS. 816' RS. 817' RS. 818' RS. 819' RS. 820' RS. 821' RS. 822' RS. 823' RS. 824' RS. 825' RS. 826' RS. 827' RS. 828' RS. 829' RS. 830' RS. 831' RS. 832' RS. 833' RS. 834' RS. 835' RS. 836' RS. 837' RS. 838' RS. 839' RS. 840' RS. 841' RS. 842' RS. 843' RS. 844' RS. 845' RS. 846' RS. 847' RS. 848' RS. 849' RS. 850' RS. 851' RS. 852' RS. 853' RS. 854' RS. 855' RS. 856' RS. 857' RS. 858' RS. 859' RS. 860' RS. 861' RS. 862' RS. 863' RS. 864' RS. 865' RS. 866' RS. 867' RS. 868' RS. 869' RS. 870' RS. 871' RS. 872' RS. 873' RS. 874' RS. 875' RS. 876' RS. 877' RS. 878' RS. 879' RS. 880' RS. 881' RS. 882' RS. 883' RS. 884' RS. 885' RS. 886' RS. 887' RS. 888' RS. 889' RS. 890' RS. 891' RS. 892' RS. 893' RS. 894' RS. 895' RS. 896' RS. 897' RS. 898' RS. 899' RS. 900' RS. 901' RS. 902' RS. 903' RS. 904' RS. 905' RS. 906' RS. 907' RS. 908' RS. 909' RS. 910' RS. 911' RS. 912' RS. 913' RS. 914' RS. 915' RS. 916' RS. 917' RS. 918' RS. 919' RS. 920' RS. 921' RS. 922' RS. 923' RS. 924' RS. 925' RS. 926' RS. 927' RS. 928' RS. 929' RS. 930' RS. 931' RS. 932' RS. 933' RS. 934' RS. 935' RS. 936' RS. 937' RS. 938' RS. 939' RS. 940' RS. 941' RS. 942' RS. 943' RS. 944' RS. 945' RS. 946' RS. 947' RS. 948' RS. 949' RS. 950' RS. 951' RS. 952' RS. 953' RS. 954' RS. 955' RS. 956' RS. 957' RS. 958' RS. 959' RS. 960' RS.				

BORING LOG

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Boring/Well Number: SB-3		Project Number: EQ237330		FDEP Facility Identification Number: NA	
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 6/17/23	Borehole Start Time: 1300 ☒ AM ☒ PM		
		End Date: 1	End Time: 1325 ☒ AM ☒ PM		
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS	
Drilling Company: JAEE		Pavement Thickness (inches): N/A	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 15'
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID		
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):					
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☒ Backfill ☐ Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A		0.0 - 0.5	0 - 4" Brown / TAN silty SANDS	Sm	m	
							0.0 - 1	4" - 1' LRB	Sh		
							0.0 - 2	1.5' - 2' Grey silty sands w/ rock inclusions	Sh		
							0.0 - 3	2' - 3' Limerock RB	GW		Sampled
							0.0 - 4	1			
							0.0 - 5	Grey SANDS / Black SANDS	Sm		12'
							0.0 - 6	5' - 10' TAN silty SANDS	Sm		
							0.0 - 7				
							0.0 - 8				
							0.0 - 9				
							0.0 - 10				
							0.0 - 11	TAN / Brown Mottled claysands	SC		1445

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 2

Boring/Well Number: SB-3		FDEP Facility Identification Number: NA		Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023					
						End Date:					
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PP							13	Grey clay _____	CL	W	Sampled ② 12' ② 1445
							14				
							15				
							16				
							17				
							18				
							19				
							20				
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 1 of 2

Boring/Well Number: SB-4		Project Number: EQ237330		FDEP Facility Identification Number: NA	
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23		Borehole Start Time: 1440 ☐ AM ☒ PM	
		End Date: 1		End Time: 1445 ☐ AM ☒ PM	
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS	
Drilling Company: JAEE		Pavement Thickness (inches): .5"		Borehole Diameter (inches): 3.25	
				Borehole Depth (feet): 15'	
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	
				OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID	
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):					
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☒ Backfill ☐ Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	0.5" - 1" Asphalt	GW		
						0.0	1	1" - 0.5" LRRB	DN/CL	M	
						0.0	2	0.5" - 6" Grey clay inclusion	SM		
						0.0	2	1.4" Grey silty Sands w/Black Spotting			
						0.0	3				
						0.0	4				
						0.0	5	BROWN w/ Black dots			Sampled @ 14'
						0.0	6				
						0.0	7				
						0.0	8				
						0.0	9				
						0.0	10				
						0.0	11	Brown/TAN SANDS			15'

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 2

Boring/Well Number: SB-4		FDEP Facility Identification Number: NA			Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23 End Date: 1				
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP							13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Brown / TAN SANDS 	Sm	m	Sampled @ 14' @ 1510

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 1 of 2

Boring/Well Number: SB-5		Project Number: EQ237330		FDEP Facility Identification Number: NA	
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23		Borehole Start Time: 1140 ☒ AM ☐ PM	
		End Date: 10/17/23		End Time: 1145 ☒ AM ☐ PM	
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS	
Drilling Company: JAEE		Pavement Thickness (inches): N/A		Borehole Diameter (inches): 3.25	
				Borehole Depth (feet): 15'	
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content): 12'		Measured Well DTW (in feet after water recharges in well): 12'	
				OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID	
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):					
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	0-4' Brown Grey silty sand w/ roots	m	Sm	
						0.0	1				
						0.0	2				
						0.0	3				
						0.0	4	4'-7' mottled tan/gray/cr silty sands			Sampled ① 12'
						0.0	5				② 12'05
						0.0	6				
						0.0	7	7'-7.5' Black rocky sand (possible asphalt? no odor)			
						0.0	8	Brown Black clay 8-9'		SW SC	
						0.0	9	9-10' dark orange clay			
						0.0	10				
						0.0	11				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 2

Boring/Well Number: SB-5		FDEP Facility Identification Number: NA		Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023					
				End Date:							
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP						0.0 0.0	13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Light orange clay sands 	SC	M 3	Sampled @ 12' @ 1205

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

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Boring/Well Number: SB-6		Project Number: EQ237330		FDEP Facility Identification Number: NA							
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23	Borehole Start Time: 1200 ☒ AM ☐ PM								
		End Date: 10/17/23	End Time: 1205 ☒ AM ☐ PM								
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS							
Drilling Company: JAEE		Pavement Thickness (inches): N/A	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 15'						
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID								
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):											
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	Grey / Brown silty SANDS 0-2'	SM	m	
						0.0	1	Asphalt inclusion 2'-2'3" 2'3" - 9'4" - 9'6" Grey / TAN mottled silty SANDS			Sample ② 10' ② 12'30
						0.0	2				
						0.0	3				
						0.0	4				
						0.0	5				
						0.0	6				
						0.0	7				
						0.0	8				
						0.0	9				
						0.0	10	Grey clay w/ limestone	CL		
						0.0	11	Grey ORANGE mottled clay 11-14'			

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

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Boring/Well Number: SB-6		FDEP Facility Identification Number: NA		Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023		End Date: 10/17/2023			
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
PH	11-14'					0.0	13	Gray (orange) Black mottled clay 11-14' weathered limestone	CL	S	Sampled 20'
						0.0	14				
						0.0	15				
							16				
							17				
							18				
							19				
							20				
							21				
							22				
							23				
							24				
	25										
	26										
	27										
	28										
	29										
	30										

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

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Boring/Well Number: SB-7		Project Number: EQ237330		FDEP Facility Identification Number: NA	
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23	Borehole Start Time: 1050 ☒ AM ☐ PM		
		End Date: 10/17/23	End Time: 1058 ☒ AM ☐ PM		
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS	
Drilling Company: JAEE		Pavement Thickness (inches): N/A	Borehole Diameter (inches): 3.25		Borehole Depth (feet): 15
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):		OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID	
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):					
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☒ Backfill ☐ Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	0-0.5 Rootless Grey/Brown SANDS	SM	n	Sampled @ 11.1 @ 11.5
						0.0	1	0.5-3' Grey/Brown silty SANDS			
						0.0	2				
						0.0	3				
						0.0	4	3.5-4' Limerock RB.-GW	GW		
						0.0	5	Orange/Brown silty SANDS	SM		
						0.0	6	LRRB			
						0.0	7	7-9.5' Grey/Brown silty SANDS			
						0.0	8				
						0.0	9	9.5-10' Grey clays	SC		
						0.0	10	10.5-12' orange/Brown clay SANDS			
						0.0	11				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 2

Boring/Well Number: SB-7		FDEP Facility Identification Number: NA		Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023					
						End Date:					
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DC	1						13	10.5-12' Orange Brown clay - 3 ANDS	SC	50	12.1-15'
							14	12'-15' Orange Gray mottled clay			
							15				
							16				
							17				
							18				
							19				
							20				
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 1 of 2

Boring/Well Number: SB-8		Project Number: EQ237330		FDEP Facility Identification Number: NA							
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23	Borehole Start Time: 0945 ☒ AM ☐ PM								
		End Date: 10/17/23	End Time: 0955 ☐ AM ☐ PM								
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS							
Drilling Company: JAEE		Pavement Thickness (inches): NA	Borehole Diameter (inches): 3.25	Borehole Depth (feet): 14							
Drilling Method(s): HA/DP	Apparent Borehole DTW (in feet from soil moisture content):	Measured Well DTW (in feet after water recharges in well):	OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID								
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):											
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☒ Backfill ☐ Other (describe)											
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	0'-3" Brown silty sands	Sm	m	
						0.0	1	3'-5' LR RB w/ clay sands @ 0.5'	Sm		
						0.0	2	TAN / Grey silty sands 1'-7'	Sm		
						0.0	3	no odors,			
						0.0	4				
						0.0	5				
						0.0	6				
						0.0	7	saturated @ 7'			
							8	TAN / Brown silty sands 8'-9.5'			
							9	white SANDS 9.5'-10'			
							10	TAN / Grey clay Sands 10-12'	SC		
							11				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 2

Boring/Well Number: SB-8		FDEP Facility Identification Number: NA		Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023					
						End Date:					
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP							13	+AN Grey Clay SANDS Grey Clay 13'-14' Soft @ 13' Hard @ 14'	SC	S	
							14				
							15				
							16				
							17				
							18				
							19				
							20				
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sampled
②
6'
10:00 AM.

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 1 of 2

Boring/Well Number: SB-9		Project Number: EQ237330		FDEP Facility Identification Number: NA	
Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/23		Borehole Start Time: 1105 ☒ AM ☐ PM	
		End Date: 10/17/23		End Time: 1110 ☒ AM ☐ PM	
Environmental Contractor: Terracon Consultants Inc.		Geologist's Name: Luke Davis		Environmental Technician Name(s): DW/RS	
Drilling Company: JAEE		Pavement Thickness (inches): N/A		Borehole Diameter (inches): 3.25	
				Borehole Depth (feet): 15'	
Drilling Method(s): HA/DP		Apparent Borehole DTW (in feet from soil moisture content):		Measured Well DTW (in feet after water recharges in well):	
				OVA (list model and check type): Mine Rae 3000 ☐ FID ☒ PID	
Disposition of Drill Cuttings [check method(s)]: ☐ Drum ☐ Spread ☒ Backfill ☐ Stockpile ☐ Other (describe if other or multiple items are checked):					
Borehole Completion (check one): ☐ Well ☐ Grout ☐ Bentonite ☐ Backfill ☐ Other (describe)					

Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP			N/A	N/A	N/A	0.0	0.5	Grey/Brown silty SANDS w root masses, moss	SM	M	
						0.0	1				
						0.0	2				
						0.0	3				
						0.0	4				
						0.0	5				
						0.0	6				
						0.0	7	6-9' des. Grey/orange clay	SC		
						0.0	8				
						0.0	9				
						0.0	10	weathered limestone	GW		
						0.0	11				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings
 Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

BORING LOG

Page 2 of 2

Boring/Well Number: SB-9		FDEP Facility Identification Number: NA		Site Name: 1317 N. Magnolia Ave.		Borehole Start Date: 10/17/2023					
						End Date:					
Sample Type	Sample Depth Interval (feet)	Sample Recovery (inches)	SPT Blows (per six inches)	Unfiltered OVA	Filtered OVA	Net OVA	Depth (feet)	Sample Description (include grain size based on USCS, odors, staining, and other remarks)	USCS Symbol	Moisture Content	Lab Soil and Groundwater Samples (list sample number and depth or temporary screen interval)
DP							13	Limestone 	Gw	S121	Sampled 1140
							14				
							15				
							16				
							17				
							18				
							19				
							20				
							21				
							22				
							23				
							24				
							25				
							26				
							27				
							28				
							29				
							30				

Sample Type Codes: PH = Post Hole; HA = Hand Auger; SS = Split Spoon; ST = Shelby Tube; DP = Direct Push; SC = Sonic Core; DC = Drill Cuttings

Moisture Content Codes: D = Dry; M = Moist; W = Wet; S = Saturated

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: TMW-1		Site Name: 1317 N. Magnolia		FDEP Facility I.D. Number: NA	Well Install Date(s): 10/17/23
Well Location and Type (check appropriate boxes): ☐ On-Site ☐ Right-of-Way ☐ Off-Site Private Property ☒ Above Grade (AG) ☐ Flush-to-Grade			Well Purpose: ☐ Perched Monitoring ☒ Shallow (Water-Table) Monitoring ☐ Intermediate or Deep Monitoring ☐ Remediation or Other (describe)		Well Install Method: DP
If AG, list feet of riser above land surface: 2.0			Surface Casing Install Method:		
Borehole Depth (feet): 23	Well Depth (feet): 23	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: NA feet by ___ feet	
Riser Diameter and Material: 1" PVC		Riser/Screen Connections: ☒ Flush-Threaded ☐ Other (describe)	Riser Length: 13 feet from 0 feet to 13 feet		
Screen Diameter and Material: 1" PVC		Screen Slot Size: 0.010	Screen Length: 10 feet from 13 feet to 23 feet		
1 st Surface Casing Material: also check: ☐ Permanent ☒ Temporary		1 st Surface Casing I.D. (inches):	1 st Surface Casing Length: ___ feet from ___ feet to ___ feet		
2 nd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		2 nd Surface Casing I.D. (inches):	2 nd Surface Casing Length: ___ feet from ___ feet to ___ feet		
3 rd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		3 rd Surface Casing I.D. (inches):	3 rd Surface Casing Length: ___ feet from ___ feet to ___ feet		
Filter Pack Material and Size: 30/65 Sand		Prepacked Filter Around Screen (check one): ☒ Yes ☐ No	Filter Pack Length: ___ feet from ___ feet to ___ feet		
Filter Pack Seal Material and Size: 20/30 Sand		Filter Pack Seal Length: ___ feet from ___ feet to ___ feet			
Surface Seal Material: 20/30 Sand		Surface Seal Length: ___ feet from ___ feet to ___ feet			

WELL DEVELOPMENT DATA			
Well Development Date: 10/17/23		Well Development Method (check one): ☐ Surge/Pump ☒ Pump ☐ Compressed Air ☐ Other (describe)	
Development Pump Type (check): ☐ Submersible ☐ Other (describe)		Depth to Groundwater (before developing in feet): 19.6 ft rising	
Pumping Rate (gallons per minute): 0.10	Maximum Drawdown of Groundwater During Development (feet):		Well Purged Dry (check one): ☐ Yes ☒ No
Pumping Condition (check one): ☐ Continuous ☐ Intermittent	Total Development Water Removed (gallons): 2.0	Development Duration (minutes): 20	Development Water Drummed (check one): ☐ Yes ☒ No
Water Appearance (color and odor) At Start of Development: Lt orange & no odor		Water Appearance (color and odor) At End of Development: Colorless, no odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS
Good recharge.

WELL CONSTRUCTION AND DEVELOPMENT LOG

WELL CONSTRUCTION DATA					
Well Number: TMW-2		Site Name: 1317 N. Magnolia		FDEP Facility I.D. Number: NA	Well Install Date(s): 10/17/23
Well Location and Type (check appropriate boxes): ☒ On-Site ☐ Right-of-Way ☐ Off-Site Private Property ☒ Above Grade (AG) ☐ Flush-to-Grade		Well Purpose: ☐ Perched Monitoring ☒ Shallow (Water-Table) Monitoring ☐ Intermediate or Deep Monitoring ☐ Remediation or Other (describe)		Well Install Method: DP	
Surface Casing Install Method:					
If AG, list feet of riser above land surface:					
Borehole Depth (feet): 23	Well Depth (feet): 23	Borehole Diameter (inches): 3.25	Manhole Diameter (inches): NA	Well Pad Size: NA feet by feet	
Riser Diameter and Material: 1" PVC		Riser/Screen Connections: ☐ Flush-Threaded ☐ Other (describe)	Riser Length: 13 feet from 0 feet to 13 feet		
Screen Diameter and Material: 1" PVC		Screen Slot Size: 0.010	Screen Length: 10 feet from 13 feet to 23 feet		
1 st Surface Casing Material: also check: ☐ Permanent ☒ Temporary		1 st Surface Casing I.D. (inches):	1 st Surface Casing Length: feet from feet to feet		
2 nd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		2 nd Surface Casing I.D. (inches):	2 nd Surface Casing Length: feet from feet to feet		
3 rd Surface Casing Material: also check: ☐ Permanent ☐ Temporary		3 rd Surface Casing I.D. (inches):	3 rd Surface Casing Length: feet from feet to feet		
Filter Pack Material and Size: 30/45 Sand		Prepacked Filter Around Screen (check one): ☒ Yes ☐ No	Filter Pack Length: feet from feet to feet		
Filter Pack Seal Material and Size: 20/30 Sand		Filter Pack Seal Length: feet from feet to feet			
Surface Seal Material: 20/30 Sand		Surface Seal Length: feet from feet to feet			

WELL DEVELOPMENT DATA			
Well Development Date: 10/17/23		Well Development Method (check one): ☐ Surge/Pump ☒ Pump ☐ Compressed Air ☐ Other (describe)	
Development Pump Type (check): ☐ Centrifugal ☒ Peristaltic ☐ Submersible ☐ Other (describe)		Depth to Groundwater (before developing in feet): 20.1 ft rising	
Pumping Rate (gallons per minute):	Maximum Drawdown of Groundwater During Development (feet):	Well Purged Dry (check one): ☐ Yes ☒ No	
Pumping Condition (check one): ☒ Continuous ☐ Intermittent	Total Development Water Removed (gallons):	Development Duration (minutes):	Development Water Drummed (check one): ☐ Yes ☒ No
Water Appearance (color and odor) At Start of Development: Lt. orange, no odor		Water Appearance (color and odor) At End of Development: Colorless, no odor	

WELL CONSTRUCTION OR DEVELOPMENT REMARKS

SITE NAME: 1317 North Magnolia Ave		SITE LOCATION: 1317 North Magnolia Ave. Ocala, FL	
WELL NO: TMW-1	SAMPLE ID: TMW-1		DATE: 12/18/23

WELL DIAMETER (inches): 1	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 13 feet to 23 feet	STATIC DEPTH TO WATER (feet): 16.41	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) $= (23 \text{ feet} - 16.41 \text{ feet}) \times 0.04 \text{ gallons/foot} = 0.26 \text{ gallons}$				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) $= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 17.41	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 17.41	PURGING INITIATED AT: 0920	PURGING ENDED AT: 0934	TOTAL VOLUME PURGED (gallons): 0.70

[illegible]

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Darryl Williams / TERRACON				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT: 0936		SAMPLING ENDED AT: 0947			
PUMP OR TUBING DEPTH IN WELL (feet): 17.41				TUBING MATERIAL CODE: HDPE			FIELD-FILTERED: ☒ Y ☒ NO		FILTER SIZE: 0.45 µm			
FIELD DECONTAMINATION: PUMP Y ☒ N				TUBING Y ☒ N (replaced)			DUPLICATE: Y ☒ N					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
TMW-1	1	AG	1L	ICE	1L		8270 PAH		APP		250	
	1	AG	500mL	ICE	500mL		8270 PAH					
	1	PL	250mL	HNO3	250mL		Pb					
	3	CG	40mL	HCL	40mL		8260					
	1	AG	HNO3	HNO3	300mL		FLPAD					
			1200mL									

REMARKS: Filtered Pb sample due to elevated turbidity.

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

pH: ± 0.2 units **Temperature:** ± 0.2 °C **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** all readings $\leq 20\%$ saturation (see Table FS 2200-2); optionally, $+0.2$ mg/L or $+10\%$ (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally $+5$ NTU or $+10\%$ (whichever is greater)

SITE NAME: 1317 North Magnolia Ave		SITE LOCATION: 1317 North Magnolia Ave. Ocala, FL	
WELL NO: TMW-2	SAMPLE ID: TMW-2	DATE:	10/18/23

WELL DIAMETER (inches): 1	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 13 feet to 22 feet	STATIC DEPTH TO WATER (feet): 16.22	PURGE PUMP TYPE OR BAILER: PP
------------------------------	-----------------------------------	---	--	----------------------------------

(only fill out if applicable)

$$= (23 \text{ feet} - 16.22 \text{ feet}) \times 0.04 \text{ gallons/foot} = 0.27 \text{ gallons}$$

(only fill out if applicable)

$$= \text{gallons} + (\text{gallons/foot} \times \text{feet}) + \text{gallons} = \text{gallons}$$

TOTAL VOLUME
PURGED (gallons): 0.70

WELL CAPACITY (Gallons Per Foot):	0.75" = 0.02;	1" = 0.04;	1.25" = 0.06;	2" = 0.16;	3" = 0.37;	4" = 0.65;	5" = 1.02;	6" = 1.47;	12" = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.):	1/8" = 0.0006;	3/16" = 0.0014;	1/4" = 0.0026;	5/16" = 0.004;	3/8" = 0.006;	1/2" = 0.010;	5/8" = 0.016		

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLED BY (PRINT) / AFFILIATION: Dennis Williams / Tarragon	SAMPLER(S) SIGNATURE(S): Dennis Williams	SAMPLING INITIATED AT: 1058	SAMPLING ENDED AT: 1105
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SAMPLING
ENDED AT: 1105

FILTER SIZE: 0.45 μm

DUPLICATE: Y ☒ N

REMARKS: Missing PAH sample bottle. Replaced with extra bottle from track.

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: + 0.2 units **Temperature:** + 0.2 °C **Specific Conductance:** + 5% **Dissolved Oxygen:** all readings ≤ 20% saturation (see Table FS 2200-2); optionally, + 0.2 mg/L or + 10% (whichever is greater) **Turbidity:** all readings < 20 NTU; optionally + 5 NTU or + 10% (whichever is greater)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID:

VSI-2

RQ:

Project:

Ocala BFS.

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro- meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Roy Starr	10/18/23	0840	14.03			14.01	100%		0.02	P/F	L/F
ICV											P/F	L/F
CCV											P/F	L/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Roy Starr	10/18/23	0842	117/1000E	1/26/25	1000	1160	P/F	L/F
ICV								P/F	L/F
CCV								P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Roy Starr	10/18/23	0845	105-E	1/24	7.00	14.4	7.07	+0.07	P/F	L/F
Calibr.			0847	104-E	12/24	4.01	14.3	4.06	+0.05	P/F	L/F
Calibr.			0849	106-E	9/24	10.00	14.3	10.06	+0.06	P/F	L/F
ICV										P/F	L/F
CCV										P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: _____

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air						P / F	L / F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

APPENDIX B

Laboratory Reports and Custody Records

Thank you Angellica K Rodriguez-Baz for the opportunity to be of service to you and your company, We Sincerely Appreciate Your Business.

SRL certifies these Laboratory Results were produced in accordance with NELAC Standards. Hold times and preservation requirements were met for all analytes unless specifically call noted in the report. Results relate only to the samples as received.

Southern Research Laboratories, Inc
279 Douglas Ave, Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

Item#	Lab Sample ID	Client Sample ID	Collected		Sample Matrix	Analysis Requested
			Date	Time		
1	2310046-001	TMW-1	10/18/23	9:56	AQUEOUS-Groundwater	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
2	2310046-002	TMW-2	10/18/23	10:58	AQUEOUS-Groundwater	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
3	2310046-003	DSP-1S	10/18/23	12:17	AQUEOUS-Groundwater	EPA 8260
4	2310046-004	DSP-2S	10/18/23	10:42	AQUEOUS-Groundwater	EPA 8260
5	2310046-005	DSP-2I	10/18/23	11:35	AQUEOUS-Groundwater	EPA 8260
6	2310046-006	DSP-3S	10/18/23	13:00	AQUEOUS-Groundwater	EPA 8260
7	2310046-007	DSP-4S	10/18/23	13:00	AQUEOUS-Groundwater	EPA 8260
8	2310046-008	DSP-5S	10/18/23	13:38	AQUEOUS-Groundwater	EPA 8260
9	2310046-009	Trip Blank	10/18/23	8:00	AQUEOUS-Other	EPA 8260

Sherri Payne

Vice President / Quality Assurance Officer - SRL

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **TMW-1** Date Collected: **10/18/23 09:56** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-001** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **TMW-1** Date Collected: **10/18/23 09:56** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-001** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/25/23 22:46	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 22:46	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.8	10	ug/L	1	108	10/25/23 22:46	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	10/25/23 22:46	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	10/25/23 22:46	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	10/25/23 22:46	GGL	10252315MB	30-170	

EPA Method 8270C PAHs by GC/MS-SIM

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	2 U	ug/L	1	2	8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
2-Methylnaphthalene (91576)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
1-Methylnaphthalene (90120)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Acenaphthylene (208968)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Acenaphthene (83329)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Fluorene (86737)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Phenanthrene (85018)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Anthracene (120127)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Fluoranthene (206440)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Pyrene (129000)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Benzo(a)anthracene (56553)	0.05 U	ug/L	1	0.05	0.2	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Chrysene (218019)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Benzo(b)fluoranthene (205992)	0.025 U	ug/L	1	0.025	0.1	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Benzo(k)fluoranthene (207089)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Benzo(a)pyrene (50328)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.05 U	ug/L	1	0.05	0.2	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Dibenzo(a,h)anthracene (53703)	0.05 U	ug/L	1	0.05	0.2	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-
Benzo(g,h,i)perylene (191242)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 09:13	DAP	10312303MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	8.97	10	ug/L	1	90	10/31/23 09:13	DAP	10312303MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.69	10	ug/L	1	97	10/31/23 09:13	DAP	10312303MB	45-126	
p-Terphenyl-d14 (DEP-SURR-034)	9.08	10	ug/L	1	91	10/31/23 09:13	DAP	10312303MB	50-146	

FL-PRO (Petroleum Range Organics)~{Water}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	0.61 I	mg/L	1	0.25	0.68	FDEP FL-PRO	10/26/23 22:53	DAP	10262319MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
o-Terphenyl (84151)	52.3	50	mg/L	1	105	10/26/23 22:53	DAP	10262319MB	82-142	
Nonatriacontane(C39) (DEP-SURR-054)	141.6	180	mg/L	1	79	10/26/23 22:53	DAP	10262319MB	42-193	

Metals (total recoverable) by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	2.1 U	ug/L	1	2.1	10	EPA 6010	10/30/23 16:27	TMA	961246	-
Client Sample ID: TMW-2 Date Collected: 10/18/23 10:58 Matrix ID : AQUEOUS-Groundwater Lab Sample ID: 2310046-002 Collected By: Roy L Starr										

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **TMW-2** Date Collected: **10/18/23 10:58** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-002** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH #: **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **TMW-2** Date Collected: **10/18/23 10:58** Matrix ID: **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-002** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/25/23 23:11	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:11	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11.2	10	ug/L	1	112	10/25/23 23:11	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	11	10	ug/L	1	110	10/25/23 23:11	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1	91	10/25/23 23:11	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.3	10	ug/L	1	93	10/25/23 23:11	GGL	10252315MB	30-170	

EPA Method 8270C PAHs by GC/MS-SIM

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	2 U	ug/L	1	2	8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
2-Methylnaphthalene (91576)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
1-Methylnaphthalene (90120)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Acenaphthylene (208968)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Acenaphthene (83329)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Fluorene (86737)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Phenanthrene (85018)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Anthracene (120127)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Fluoranthene (206440)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Pyrene (129000)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Benzo(a)anthracene (56553)	0.05 U	ug/L	1	0.05	0.2	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Chrysene (218019)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Benzo(b)fluoranthene (205992)	0.025 U	ug/L	1	0.025	0.1	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Benzo(k)fluoranthene (207089)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Benzo(a)pyrene (50328)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.05 U	ug/L	1	0.05	0.2	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Dibenzo(a,h)anthracene (53703)	0.05 U	ug/L	1	0.05	0.2	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-
Benzo(g,h,i)perylene (191242)	0.2 U	ug/L	1	0.2	0.8	EPA 8270/PAH	10/31/23 10:09	DAP	10312303MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.48	10	ug/L	1	75	10/31/23 10:09	DAP	10312303MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.99	10	ug/L	1	90	10/31/23 10:09	DAP	10312303MB	45-126	
p-Terphenyl-d14 (DEP-SURR-034)	7.19	10	ug/L	1	72	10/31/23 10:09	DAP	10312303MB	50-146	

FL-PRO (Petroleum Range Organics)~{Water}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	0.25 U	mg/L	1	0.25	0.68	FDEP FL-PRO	10/26/23 23:38	DAP	10262319MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
o-Terphenyl (84151)	48	50	mg/L	1	96	10/26/23 23:38	DAP	10262319MB	82-142	
Nonatriacontane(C39) (DEP-SURR-054)	140.3	180	mg/L	1	78	10/26/23 23:38	DAP	10262319MB	42-193	

Metals (total recoverable) by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	2.1 U	ug/L	1	2.1	10	EPA 6010	10/30/23 16:30	TMA	961246	-

Client Sample ID: **DSP-1S** Date Collected: **10/18/23 12:17** Matrix ID: **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-003** Collected By: **Roy L Starr**

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-1S**
Lab Sample ID: **2310046-003**

Date Collected: **10/18/23 12:17**
Collected By: **Roy L Starr**

Matrix ID : **AQUEOUS-Groundwater**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH #: **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-1S** Date Collected: **10/18/23 12:17** Matrix ID: **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-003** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/25/23 23:37	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/25/23 23:37	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11	10	ug/L	1	110	10/25/23 23:37	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.7	10	ug/L	1	107	10/25/23 23:37	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	10/25/23 23:37	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	10/25/23 23:37	GGL	10252315MB	30-170	

Client Sample ID: **DSP-2S** Date Collected: **10/18/23 10:42** Matrix ID: **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-004** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-2S** Date Collected: **10/18/23 10:42** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-004** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 00:02	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:02	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.6	10	ug/L	1	106	10/26/23 00:02	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1	105	10/26/23 00:02	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1	91	10/26/23 00:02	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/L	1	99	10/26/23 00:02	GGL	10252315MB	30-170	

Client Sample ID: **DSP-2I** Date Collected: **10/18/23 11:35** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-005** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-21**
Lab Sample ID: **2310046-005**

Date Collected: **10/18/23 11:35**
Collected By: **Roy L Starr**

Matrix ID : **AQUEOUS-Groundwater**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 00:28	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:28	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.6	10	ug/L	1	106	10/26/23 00:28	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.8	10	ug/L	1	108	10/26/23 00:28	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.7	10	ug/L	1	97	10/26/23 00:28	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.5	10	ug/L	1	95	10/26/23 00:28	GGL	10252315MB	30-170	

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-3S**
Lab Sample ID: **2310046-006**

Date Collected: **10/18/23 13:00**
Collected By: **Roy L Starr**

Matrix ID : **AQUEOUS-Groundwater**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH #: **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-3S** Date Collected: **10/18/23 13:00** Matrix ID: **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-006** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 00:54	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 00:54	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.7	10	ug/L	1	107	10/26/23 00:54	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.9	10	ug/L	1	109	10/26/23 00:54	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.9	10	ug/L	1	99	10/26/23 00:54	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/L	1	99	10/26/23 00:54	GGL	10252315MB	30-170	

Client Sample ID: **DSP-4S** Date Collected: **10/18/23 13:00** Matrix ID: **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-007** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-4S** Date Collected: **10/18/23 13:00** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-007** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 01:19	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:19	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.6	10	ug/L	1	106	10/26/23 01:19	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	11.2	10	ug/L	1	112	10/26/23 01:19	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1	91	10/26/23 01:19	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	10/26/23 01:19	GGL	10252315MB	30-170	

Client Sample ID: **DSP-5S** Date Collected: **10/18/23 13:38** Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-008** Collected By: **Roy L Starr**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodrigez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **DSP-55**
Lab Sample ID: **2310046-008**

Date Collected: **10/18/23 13:38**
Collected By: **Roy L Starr**

Matrix ID : **AQUEOUS-Groundwater**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 01:45	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 01:45	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.9	10	ug/L	1	109	10/26/23 01:45	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	11	10	ug/L	1	110	10/26/23 01:45	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.8	10	ug/L	1	88	10/26/23 01:45	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	ug/L	1	96	10/26/23 01:45	GGL	10252315MB	30-170	

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **Trip Blank**
Lab Sample ID: **2310046-009**

Date Collected: **10/18/23 08:00**
Collected By: **Lab**

Matrix ID : **AQUEOUS-Other**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-

Southern Research Laboratories, Inc
279 Douglas Ave, Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Analytical Results *****

Client Sample ID: **Trip Blank** Date Collected: **10/18/23 08:00** Matrix ID: **AQUEOUS-Other**
Lab Sample ID: **2310046-009** Collected By: **Lab**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 02:10	GGL	10252315MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 02:10	GGL	10252315MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11	10	ug/L	1	110	10/26/23 02:10	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.9	10	ug/L	1	109	10/26/23 02:10	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	10/26/23 02:10	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1	98	10/26/23 02:10	GGL	10252315MB	30-170	

***** Detection Summary : *****

Client Sample ID: **TMW-1** Date Collected: **10/18/23 09:56** Matrix ID: **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-001** Collected By: **Roy L Starr**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Total Recoverable Pet. Hydrocarbons (1935)	0.61 I	mg/L	1	0.25	0.68	10/26/23 22:53	DAP	10262319MB	FDEP FL-PRO

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

QC Batch Parent Sample(PS) FL-PRO (Petroleum Range Organics)~{Water}
Client Sample ID: **2310047PS** Sampled: 10/19/23 11:20 Analyzed: 10/27/23 00:23 Matrix ID : **AQUEOUS-Fresh**
Lab Sample ID: **2310046-010** Prep: 10/24/23 09:00

FDEP FL-PRO

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL		By	Batch	Notes	
Total Recoverable Pet. Hydrocarbons (1935)	0.25 U		mg/L	1	0.25	0.68		0.25 U	DAP	10262319MB -	
Surrogates	Result	SPK	Units	DF		%Rec		By	Batch	%Limits	Notes
o-Terphenyl (84151)	45.2	50	mg/L	1		90	45.2	DAP	10262319MB	82-142	
Nonatriacontane(C39) (DEP-SURR-054)	140.5	180	mg/L	1		78	140.5	DAP	10262319MB	42-193	

Method Blank(MB) FL-PRO (Petroleum Range Organics)~{Water}
Client Sample ID: **Method Blank** Sampled: 10/24/23 09:00 Analyzed: 10/26/23 19:06 Matrix ID : **AQUEOUS-Fresh**
Lab Sample ID: **2310046-011** Prep: 10/24/23 09:00

FDEP FL-PRO

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL	By	Batch	Notes	
Total Recoverable Pet. Hydrocarbons (1935)	0.25 U		mg/L	1	0.25	0.68	DAP	10262319MB	-	
Surrogates	Result	SPK	Units	DF		%Rec	By	Batch	%Limits	Notes
o-Terphenyl (84151)	45.9	50	mg/L	1		92	DAP	10262319MB	82-142	
Nonatriacontane(C39) (DEP-SURR-054)	133.5	180	mg/L	1		74	DAP	10262319MB	42-193	

Laboratory Control Standard(LCS) FL-PRO (Petroleum Range Organics)~{Water}
Client Sample ID: **LCS** Sampled: 10/24/23 09:00 Analyzed: 10/27/23 04:10 Matrix ID : **AQUEOUS-Fresh**
Lab Sample ID: **2310046-012** Prep: 10/24/23 09:00

FDEP FL-PRO

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.1	5	mg/L	1	0.25	0.68	82	DAP	10262319MB	55-118	
Surrogates	Result	SPK	Units	DF			%Rec	By	Batch	%Limits	Notes
o-Terphenyl (84151)	43.4	50	mg/L	1			87	DAP	10262319MB	82-142	
Nonatriacontane(C39) (DEP-SURR-054)	140.5	180	mg/L	1			78	DAP	10262319MB	42-193	

Matrix Spike(MS) FL-PRO (Petroleum Range Organics)~{Water}
Client Sample ID: **2310047PS MS** Sampled: 10/19/23 11:20 Analyzed: 10/27/23 02:40 Matrix ID : **AQUEOUS-Fresh**
Lab Sample ID: **2310046-013** Prep: 10/24/23 09:00

FDEP FL-PRO

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.5	5	mg/L	1	0.25	0.68	90	0.25 U	DAP	10262319MB	55-118	
Surrogates	Result	SPK	Units	DF			%Rec		By	Batch	%Limits	Notes
o-Terphenyl (84151)	52.5	50	mg/L	1			105		DAP	10262319MB	82-142	
Nonatriacontane(C39) (DEP-SURR-054)	151	180	mg/L	1			84		DAP	10262319MB	42-193	

Matrix Spike Dup(MSD) FL-PRO (Petroleum Range Organics)~{Water}
Client Sample ID: **2310047PS MSD** Sampled: 10/19/23 11:20 Analyzed: 10/27/23 03:25 Matrix ID : **AQUEOUS-Fresh**
Lab Sample ID: **2310046-014** Prep: 10/24/23 09:00

FDEP FL-PRO

Southern Research Laboratories, Inc
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(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
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State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

Matrix Spike Dup(MSD) FL-PRO (Petroleum Range Organics)~{Water}

Client Sample ID: **2310047PS MSD** Sampled: 10/19/23 11:20 Analyzed: 10/27/23 03:25 Matrix ID : **AQUEOUS-Fresh**

Lab Sample ID: **2310046-014** Prep: 10/24/23 09:00

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.6	5	mg/L	1	0.25	0.68	2	92	0.25 U	DAP	10262319MB	55-118	
Surrogates	Result	SPK	Units	DF				%Rec		By	Batch	%Limits	Notes
o-Terphenyl (84151)	50.9	50	mg/L	1				102		DAP	10262319MB	82-142	
Nonatriacontane(C39) (DEP-SURR-054)	145	180	mg/L	1				81		DAP	10262319MB	42-193	

Method Blank(MB) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank-1** Sampled: 10/25/23 15:34 Analyzed: 10/25/23 15:34 Matrix ID : **AQUEOUS-Other**

Lab Sample ID: **2310046-015** Prep: 10/25/23 15:34

EPA 8260

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	GGL	10252315MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	GGL	10252315MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	GGL	10252315MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	GGL	10252315MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	GGL	10252315MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	GGL	10252315MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Acetone (67641)	10 U	ug/L	1	10	10	GGL	10252315MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	GGL	10252315MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	GGL	10252315MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	GGL	10252315MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	GGL	10252315MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	GGL	10252315MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	GGL	10252315MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	GGL	10252315MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	GGL	10252315MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	GGL	10252315MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	GGL	10252315MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	GGL	10252315MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

Method Blank(MB) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **Method Blank-1** Sampled: 10/25/23 15:34 Analyzed: 10/25/23 15:34 Matrix ID : **AQUEOUS-Other**

Lab Sample ID: **2310046-015** Prep: 10/25/23 15:34

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL	By	Batch	Notes	
Bromobenzene (108861)	0.2 U		ug/L	1	0.2	1	GGL	10252315MB	-	
n-Propylbenzene (103651)	0.4 U		ug/L	1	0.4	1	GGL	10252315MB	-	
1,1,2,2-Tetrachloroethane (79345)	0.2 U		ug/L	1	0.2	1	GGL	10252315MB	-	
2-Chlorotoluene (95498)	0.2 U		ug/L	1	0.2	1	GGL	10252315MB	-	
1,2,3-Trichloropropane (96184)	0.2 U		ug/L	1	0.2	1	GGL	10252315MB	-	
1,3,5-Trimethylbenzene (108678)	0.5 U		ug/L	1	0.5	1	GGL	10252315MB	-	
4-Chlorotoluene (106434)	0.2 U		ug/L	1	0.2	1	GGL	10252315MB	-	
t-Butylbenzene (98066)	0.5 U		ug/L	1	0.5	1	GGL	10252315MB	-	
1,2,4-Trimethylbenzene (95636)	0.5 U		ug/L	1	0.5	1	GGL	10252315MB	-	
sec-Butylbenzene (135988)	0.5 U		ug/L	1	0.5	1	GGL	10252315MB	-	
4-Isopropyltoluene (99876)	0.2 U		ug/L	1	0.2	1	GGL	10252315MB	-	
1,3-Dichlorobenzene (541731)	0.1 U		ug/L	1	0.1	1	GGL	10252315MB	-	
1,4-Dichlorobenzene (106467)	0.1 U		ug/L	1	0.1	1	GGL	10252315MB	-	
n-Butylbenzene (104518)	0.5 U		ug/L	1	0.5	1	GGL	10252315MB	-	
1,2-Dichlorobenzene (95501)	0.1 U		ug/L	1	0.1	1	GGL	10252315MB	-	
1,2-Dibromo-3-chloropropane (96128)	1 U		ug/L	1	1	3	GGL	10252315MB	-	
1,2,4-Trichlorobenzene (120821)	0.2 U		ug/L	1	0.2	1	GGL	10252315MB	-	
Hexachlorobutadiene (87683)	2 U		ug/L	1	2	3	GGL	10252315MB	-	
Naphthalene (91203)	2 U		ug/L	1	2	5	GGL	10252315MB	-	
1,2,3-Trichlorobenzene (87616)	0.5 U		ug/L	1	0.5	1	GGL	10252315MB	-	
Surrogates	Result	SPK	Units	DF		%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/L	1		104	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.9	10	ug/L	1		109	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1		89	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1		98	GGL	10252315MB	30-170	

Laboratory Control Standard(LCS) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **LCS-1** Sampled: 10/25/23 15:34 Analyzed: 10/25/23 15:59 Matrix ID : **AQUEOUS-Other**

Lab Sample ID: **2310046-016** Prep: 10/25/23 15:34

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
1,1-Dichloroethene (75354)	28.1	25	ug/L	1	0.2	1	112	GGL	10252315MB	30-170	
trans-1,2-Dichloroethene (156605)	29.4	25	ug/L	1	0.2	1	118	GGL	10252315MB	30-170	
Chloroform (67663)	27.5	25	ug/L	1	0.2	1	110	GGL	10252315MB	30-170	
Benzene (71432)	28	25	ug/L	1	0.5	1	112	GGL	10252315MB	30-170	
Trichloroethene (79016)	28.1	25	ug/L	1	0.2	1	112	GGL	10252315MB	30-170	
1,2-Dichloropropane (78875)	25.9	25	ug/L	1	0.2	1	104	GGL	10252315MB	30-170	
Toluene (108883)	25.5	25	ug/L	1	0.5	1	102	GGL	10252315MB	30-170	
Tetrachloroethene (127184)	27.4	25	ug/L	1	0.2	1	110	GGL	10252315MB	30-170	
Chlorobenzene (108907)	26.6	25	ug/L	1	0.2	1	106	GGL	10252315MB	30-170	
Ethylbenzene (100414)	27	25	ug/L	1	0.5	1	108	GGL	10252315MB	30-170	
Xylene, o- (95476)	26.1	25	ug/L	1	0.5	1	104	GGL	10252315MB	30-170	
Surrogates	Result	SPK	Units	DF			%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.1	10	ug/L	1			101	GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.7	10	ug/L	1			97	GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1			91	GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	ug/L	1			98	GGL	10252315MB	30-170	

Matrix Spike(MS) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **TMW-1 MS** Sampled: 10/18/23 09:56 Analyzed: 10/26/23 03:27 Matrix ID : **AQUEOUS-Groundwater**

Lab Sample ID: **2310046-017** Prep: 10/25/23 15:34

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

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Project Location: **Florida**
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Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

Matrix Spike(MS) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **TMW-1 MS** Sampled: 10/18/23 09:56 Analyzed: 10/26/23 03:27 Matrix ID : **AQUEOUS-Groundwater**

Lab Sample ID: **2310046-017** Prep: 10/25/23 15:34

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
1,1-Dichloroethene (75354)	28.8	25	ug/L	1	0.2	1	115	0.2 U	GGL	10252315MB	30-170	
trans-1,2-Dichloroethene (156605)	29.3	25	ug/L	1	0.2	1	117	0.2 U	GGL	10252315MB	30-170	
Chloroform (67663)	32	25	ug/L	1	0.2	1	128	0.2 U	GGL	10252315MB	30-170	
Benzene (71432)	30	25	ug/L	1	0.5	1	120	0.5 U	GGL	10252315MB	30-170	
Trichloroethene (79016)	32.5	25	ug/L	1	0.2	1	130	0.2 U	GGL	10252315MB	30-170	
1,2-Dichloropropane (78875)	26.7	25	ug/L	1	0.2	1	107	0.2 U	GGL	10252315MB	30-170	
Toluene (108883)	27.8	25	ug/L	1	0.5	1	111	0.5 U	GGL	10252315MB	30-170	
Tetrachloroethene (127184)	27	25	ug/L	1	0.2	1	108	0.2 U	GGL	10252315MB	30-170	
Chlorobenzene (108907)	28	25	ug/L	1	0.2	1	112	0.2 U	GGL	10252315MB	30-170	
Ethylbenzene (100414)	28.5	25	ug/L	1	0.5	1	114	0.5 U	GGL	10252315MB	30-170	
Xylene, o- (95476)	28.2	25	ug/L	1	0.5	1	113	0.5 U	GGL	10252315MB	30-170	
Surrogates	Result	SPK	Units	DF			%Rec		By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.3	10	ug/L	1			103		GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.3	10	ug/L	1			103		GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.2	10	ug/L	1			92		GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1			97		GGL	10252315MB	30-170	

Matrix Spike Dup(MSD) EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Client Sample ID: **TMW-1 MSD** Sampled: 10/18/23 09:56 Analyzed: 10/26/23 03:53 Matrix ID : **AQUEOUS-Groundwater**

Lab Sample ID: **2310046-018** Prep: 10/25/23 15:34

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
1,1-Dichloroethene (75354)	25.9	25	ug/L	1	0.2	1	11	104	0.2 U	GGL	10252315MB	30-170	
trans-1,2-Dichloroethene (156605)	26.9	25	ug/L	1	0.2	1	9	108	0.2 U	GGL	10252315MB	30-170	
Chloroform (67663)	28.1	25	ug/L	1	0.2	1	13	112	0.2 U	GGL	10252315MB	30-170	
Benzene (71432)	26.5	25	ug/L	1	0.5	1	12	106	0.5 U	GGL	10252315MB	30-170	
Trichloroethene (79016)	27.8	25	ug/L	1	0.2	1	16	111	0.2 U	GGL	10252315MB	30-170	
1,2-Dichloropropane (78875)	23	25	ug/L	1	0.2	1	15	92	0.2 U	GGL	10252315MB	30-170	
Toluene (108883)	23.3	25	ug/L	1	0.5	1	18	93	0.5 U	GGL	10252315MB	30-170	
Tetrachloroethene (127184)	23.3	25	ug/L	1	0.2	1	15	93	0.2 U	GGL	10252315MB	30-170	
Chlorobenzene (108907)	24.3	25	ug/L	1	0.2	1	14	97	0.2 U	GGL	10252315MB	30-170	
Ethylbenzene (100414)	24	25	ug/L	1	0.5	1	17	96	0.5 U	GGL	10252315MB	30-170	
Xylene, o- (95476)	23.8	25	ug/L	1	0.5	1	17	95	0.5 U	GGL	10252315MB	30-170	
Surrogates	Result	SPK	Units	DF			%Rec			By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.6	10	ug/L	1			106			GGL	10252315MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	ug/L	1			105			GGL	10252315MB	30-170	
Toluene-d8 (DEP-SURR-038)	9.1	10	ug/L	1			91			GGL	10252315MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1			97			GGL	10252315MB	30-170	

QC Batch Parent Sample(PS) EPA Method 8270C PAHs by GC/MS-SIM

Client Sample ID: **2310052PS** Sampled: 10/24/23 12:57 Analyzed: 10/31/23 14:49 Matrix ID : **AQUEOUS-Groundwater**

Lab Sample ID: **2310046-019** Prep: 10/25/23 09:00

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL		By	Batch	Notes
Naphthalene (91203)	2 U	ug/L	1	2	8	2 U	DAP	10312303MB	-
2-Methylnaphthalene (91576)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP	10312303MB	-
1-Methylnaphthalene (90120)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP	10312303MB	-

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

QC Batch Parent Sample(PS) EPA Method 8270C PAHs by GC/MS-SIM

Client Sample ID: **2310052PS** Sampled: 10/24/23 12:57 Analyzed: 10/31/23 14:49 Matrix ID : **AQUEOUS-Groundwater**

Lab Sample ID: **2310046-019** Prep: 10/25/23 09:00

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes	
Acenaphthylene (208968)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Acenaphthene (83329)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Fluorene (86737)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Phenanthrene (85018)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Anthracene (120127)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Fluoranthene (206440)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Pyrene (129000)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Benzo(a)anthracene (56553)	0.05 U	ug/L	1	0.05	0.2	0.05 U	DAP 10312303MB	-	
Chrysene (218019)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Benzo(b)fluoranthene (205992)	0.025 U	ug/L	1	0.025	0.1	0.025 U	DAP 10312303MB	-	
Benzo(k)fluoranthene (207089)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Benzo(a)pyrene (50328)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Indeno(1,2,3-cd)pyrene (193395)	0.05 U	ug/L	1	0.05	0.2	0.05 U	DAP 10312303MB	-	
Dibenzo(a,h)anthracene (53703)	0.05 U	ug/L	1	0.05	0.2	0.05 U	DAP 10312303MB	-	
Benzo(g,h,i)perylene (191242)	0.2 U	ug/L	1	0.2	0.8	0.2 U	DAP 10312303MB	-	
Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.63	10	ug/L	1	76	7.63	DAP 10312303MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.72	10	ug/L	1	87	8.72	DAP 10312303MB	45-126	
p-Terphenyl-d14 (DEP-SURR-034)	8.19	10	ug/L	1	82	8.1	DAP 10312303MB	50-146	

Method Blank(MB) EPA Method 8270C PAHs by GC/MS-SIM

Client Sample ID: **Method Blank** Sampled: 10/25/23 09:00 Analyzed: 10/31/23 03:38 Matrix ID : **AQUEOUS-Other**

Lab Sample ID: **2310046-020** Prep: 10/25/23 09:00

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes	
Naphthalene (91203)	2 U	ug/L	1	2	8	DAP	10312303MB	-	
2-Methylnaphthalene (91576)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
1-Methylnaphthalene (90120)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Acenaphthylene (208968)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Acenaphthene (83329)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Fluorene (86737)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Phenanthrene (85018)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Anthracene (120127)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Fluoranthene (206440)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Pyrene (129000)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Benzo(a)anthracene (56553)	0.05 U	ug/L	1	0.05	0.2	DAP	10312303MB	-	
Chrysene (218019)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Benzo(b)fluoranthene (205992)	0.025 U	ug/L	1	0.025	0.1	DAP	10312303MB	-	
Benzo(k)fluoranthene (207089)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Benzo(a)pyrene (50328)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Indeno(1,2,3-cd)pyrene (193395)	0.05 U	ug/L	1	0.05	0.2	DAP	10312303MB	-	
Dibenzo(a,h)anthracene (53703)	0.05 U	ug/L	1	0.05	0.2	DAP	10312303MB	-	
Benzo(g,h,i)perylene (191242)	0.2 U	ug/L	1	0.2	0.8	DAP	10312303MB	-	
Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.66	10	ug/L	1	77	DAP	10312303MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.59	10	ug/L	1	96	DAP	10312303MB	45-126	
p-Terphenyl-d14 (DEP-SURR-034)	9.29	10	ug/L	1	93	DAP	10312303MB	50-146	

Laboratory Control Standard(LCS) EPA Method 8270C PAHs by GC/MS-SIM

Client Sample ID: **LCS** Sampled: 10/25/23 09:00 Analyzed: 10/31/23 18:33 Matrix ID : **AQUEOUS-Other**

Lab Sample ID: **2310046-021** Prep: 10/25/23 09:00

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

Laboratory Control Standard(LCS) EPA Method 8270C PAHs by GC/MS-SIM

Client Sample ID: **LCS** Sampled: 10/25/23 09:00 Analyzed: 10/31/23 18:33 Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **2310046-021** Prep: 10/25/23 09:00

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Naphthalene (91203)	4.25	5	ug/L	1	2	8	85	DAP	10312303MB	30-170	
2-Methylnaphthalene (91576)	4.05	5	ug/L	1	0.2	0.8	81	DAP	10312303MB	30-170	
1-Methylnaphthalene (90120)	4.05	5	ug/L	1	0.2	0.8	81	DAP	10312303MB	30-170	
Acenaphthylene (208968)	3.97	5	ug/L	1	0.2	0.8	79	DAP	10312303MB	30-170	
Acenaphthene (83329)	4.61	5	ug/L	1	0.2	0.8	92	DAP	10312303MB	30-170	
Fluorene (86737)	4.4	5	ug/L	1	0.2	0.8	88	DAP	10312303MB	30-170	
Phenanthrene (85018)	4.93	5	ug/L	1	0.2	0.8	99	DAP	10312303MB	30-170	
Anthracene (120127)	4.04	5	ug/L	1	0.2	0.8	81	DAP	10312303MB	30-170	
Fluoranthene (206440)	4.04	5	ug/L	1	0.2	0.8	81	DAP	10312303MB	30-170	
Pyrene (129000)	4.47	5	ug/L	1	0.2	0.8	89	DAP	10312303MB	30-170	
Benzo(a)anthracene (56553)	4.53	5	ug/L	1	0.05	0.2	91	DAP	10312303MB	30-170	
Chrysene (218019)	4	5	ug/L	1	0.2	0.8	80	DAP	10312303MB	30-170	
Benzo(b)fluoranthene (205992)	4.19	5	ug/L	1	0.025	0.1	84	DAP	10312303MB	30-170	
Benzo(k)fluoranthene (207089)	4.05	5	ug/L	1	0.2	0.8	81	DAP	10312303MB	30-170	
Benzo(a)pyrene (50328)	4.82	5	ug/L	1	0.2	0.8	96	DAP	10312303MB	30-170	
Indeno(1,2,3-cd)pyrene (193395)	4.5	5	ug/L	1	0.05	0.2	90	DAP	10312303MB	30-170	
Dibenzo(a,h)anthracene (53703)	4.61	5	ug/L	1	0.05	0.2	92	DAP	10312303MB	30-170	
Benzo(g,h,i)perylene (191242)	4.93	5	ug/L	1	0.2	0.8	99	DAP	10312303MB	30-170	
Surrogates	Result	SPK	Units	DF			%Rec	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	8.03	10	ug/L	1			80	DAP	10312303MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	7.59	10	ug/L	1			76	DAP	10312303MB	45-126	
p-Terphenyl-d14 (DEP-SURR-034)	8.29	10	ug/L	1			83	DAP	10312303MB	50-146	

Matrix Spike(MS) EPA Method 8270C PAHs by GC/MS-SIM

Client Sample ID: **2310052PS MS** Sampled: 10/24/23 12:57 Analyzed: 10/31/23 16:41 Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-022** Prep: 10/25/23 09:00

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
Naphthalene (91203)	4.19	5	ug/L	1	2	8	84	2 U	DAP	10312303MB	30-170	
2-Methylnaphthalene (91576)	4.19	5	ug/L	1	0.2	0.8	84	0.2 U	DAP	10312303MB	30-170	
1-Methylnaphthalene (90120)	4.15	5	ug/L	1	0.2	0.8	83	0.2 U	DAP	10312303MB	30-170	
Acenaphthylene (208968)	4.15	5	ug/L	1	0.2	0.8	83	0.2 U	DAP	10312303MB	30-170	
Acenaphthene (83329)	4.68	5	ug/L	1	0.2	0.8	94	0.2 U	DAP	10312303MB	30-170	
Fluorene (86737)	4.43	5	ug/L	1	0.2	0.8	89	0.2 U	DAP	10312303MB	30-170	
Phenanthrene (85018)	4.67	5	ug/L	1	0.2	0.8	93	0.2 U	DAP	10312303MB	30-170	
Anthracene (120127)	4.23	5	ug/L	1	0.2	0.8	85	0.2 U	DAP	10312303MB	30-170	
Fluoranthene (206440)	4.54	5	ug/L	1	0.2	0.8	91	0.2 U	DAP	10312303MB	30-170	
Pyrene (129000)	4.6	5	ug/L	1	0.2	0.8	92	0.2 U	DAP	10312303MB	30-170	
Benzo(a)anthracene (56553)	4.04	5	ug/L	1	0.05	0.2	81	0.05 U	DAP	10312303MB	30-170	
Chrysene (218019)	5	5	ug/L	1	0.2	0.8	100	0.2 U	DAP	10312303MB	30-170	
Benzo(b)fluoranthene (205992)	4.11	5	ug/L	1	0.025	0.1	82	0.025 U	DAP	10312303MB	30-170	
Benzo(k)fluoranthene (207089)	4.87	5	ug/L	1	0.2	0.8	97	0.2 U	DAP	10312303MB	30-170	
Benzo(a)pyrene (50328)	4.27	5	ug/L	1	0.2	0.8	85	0.2 U	DAP	10312303MB	30-170	
Indeno(1,2,3-cd)pyrene (193395)	4.21	5	ug/L	1	0.05	0.2	84	0.05 U	DAP	10312303MB	30-170	
Dibenzo(a,h)anthracene (53703)	4.38	5	ug/L	1	0.05	0.2	88	0.05 U	DAP	10312303MB	30-170	
Benzo(g,h,i)perylene (191242)	4.91	5	ug/L	1	0.2	0.8	98	0.2 U	DAP	10312303MB	30-170	
Surrogates	Result	SPK	Units	DF			%Rec		By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	8.27	10	ug/L	1			83		DAP	10312303MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.69	10	ug/L	1			97		DAP	10312303MB	45-126	
p-Terphenyl-d14 (DEP-SURR-034)	9.99	10	ug/L	1			100		DAP	10312303MB	50-146	

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

Matrix Spike Dup(MSD) EPA Method 8270C PAHs by GC/MS-SIM

Client Sample ID: **2310052PS MSD** Sampled: 10/24/23 12:57 Analyzed: 10/31/23 17:37 Matrix ID : **AQUEOUS-Groundwater**
Lab Sample ID: **2310046-023** Prep: 10/25/23 09:00

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Naphthalene (91203)	4.27	5	ug/L	1	2	8	2	85	2 U	DAP	10312303MB	30-170	
2-Methylnaphthalene (91576)	4.8	5	ug/L	1	0.2	0.8	14	96	0.2 U	DAP	10312303MB	30-170	
1-Methylnaphthalene (90120)	4.47	5	ug/L	1	0.2	0.8	7	89	0.2 U	DAP	10312303MB	30-170	
Acenaphthylene (208968)	4.55	5	ug/L	1	0.2	0.8	9	91	0.2 U	DAP	10312303MB	30-170	
Acenaphthene (83329)	5.17	5	ug/L	1	0.2	0.8	10	103	0.2 U	DAP	10312303MB	30-170	
Fluorene (86737)	4.57	5	ug/L	1	0.2	0.8	3	91	0.2 U	DAP	10312303MB	30-170	
Phenanthrene (85018)	4.93	5	ug/L	1	0.2	0.8	5	99	0.2 U	DAP	10312303MB	30-170	
Anthracene (120127)	4.06	5	ug/L	1	0.2	0.8	4	81	0.2 U	DAP	10312303MB	30-170	
Fluoranthene (206440)	4.57	5	ug/L	1	0.2	0.8	1	91	0.2 U	DAP	10312303MB	30-170	
Pyrene (129000)	4.02	5	ug/L	1	0.2	0.8	13	80	0.2 U	DAP	10312303MB	30-170	
Benzo(a)anthracene (56553)	4.17	5	ug/L	1	0.05	0.2	3	83	0.05 U	DAP	10312303MB	30-170	
Chrysene (218019)	4.53	5	ug/L	1	0.2	0.8	10	91	0.2 U	DAP	10312303MB	30-170	
Benzo(b)fluoranthene (205992)	4.1	5	ug/L	1	0.025	0.1	0	82	0.025 U	DAP	10312303MB	30-170	
Benzo(k)fluoranthene (207089)	4.25	5	ug/L	1	0.2	0.8	14	85	0.2 U	DAP	10312303MB	30-170	
Benzo(a)pyrene (50328)	4.83	5	ug/L	1	0.2	0.8	12	97	0.2 U	DAP	10312303MB	30-170	
Indeno(1,2,3-cd)pyrene (193395)	4.9	5	ug/L	1	0.05	0.2	15	98	0.05 U	DAP	10312303MB	30-170	
Dibenzo(a,h)anthracene (53703)	4.19	5	ug/L	1	0.05	0.2	4	84	0.05 U	DAP	10312303MB	30-170	
Benzo(g,h,i)perylene (191242)	4.91	5	ug/L	1	0.2	0.8	0	98	0.2 U	DAP	10312303MB	30-170	
Surrogates	Result	SPK	Units	DF				%Rec		By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.99	10	ug/L	1				80		DAP	10312303MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.84	10	ug/L	1				98		DAP	10312303MB	45-126	
p-Terphenyl-d14 (DEP-SURR-034)	9.81	10	ug/L	1				98		DAP	10312303MB	50-146	

QC Batch Parent Sample(PS) Metals (total recoverable) by EPA 6000/7000 Series Methods

Client Sample ID: **35836026002** Sampled: 10/18/23 10:17 Analyzed: 10/30/23 15:49 Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **2310046-024** Prep: 10/26/23 07:44

EPA 6010

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Lead (7439921)	2.1 U	ug/L	1	2.1	10	2.1 U	TMA	961246 -
Method Blank(MB)		Metals (total recoverable) by EPA 6000/7000 Series Methods						
Client Sample ID: Method Blank-1		Sampled: 10/26/23 07:44			Analyzed: 10/30/23 15:42		Matrix ID : AQUEOUS-Other	
Lab Sample ID: 2310046-025		Prep: 10/26/23 07:44						

EPA 6010

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Lead (7439921)	2.1 U	ug/L	1	2.1	10	TMA	961246	-
Laboratory Control Standard(LCS)	Metals (total recoverable) by EPA 6000/7000 Series Methods							
Client Sample ID: LCS-1	Sampled: 10/26/23 07:44			Analyzed: 10/30/23 15:45		Matrix ID : AQUEOUS-Other		
Lab Sample ID: 2310046-026	Prep: 10/26/23 07:44							

EPA 6010

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Lead (7439921)	254	250	ug/L	1	2.1	10	101	TMA	961246	80-120	

Southern Research Laboratories, Inc
279 Douglas Ave, Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

***** Quality Control : *****

Matrix Spike(MS) Metals (total recoverable) by EPA 6000/7000 Series Methods

Client Sample ID: **35836026002 MS** Sampled: 10/18/23 10:17 Analyzed: 10/30/23 15:52 Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **2310046-027** Prep: 10/26/23 07:44

EPA 6010

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
Lead (7439921)	250	250	ug/L	1	2.1	10	99	2.1 U	TMA	961246	75-125	

Matrix Spike Dup(MSD) Metals (total recoverable) by EPA 6000/7000 Series Methods

Client Sample ID: **35836026002 MSD** Sampled: 10/18/23 10:17 Analyzed: 10/30/23 15:59 Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **2310046-028** Prep: 10/26/23 07:44

EPA 6010

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Lead (7439921)	253	250	ug/L	1	2.1	10	1	101	2.1 U	TMA	961246	75-125	

ANALYTICAL REPORT

For Project:
ACRES 238359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:35**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
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City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID: **NA**
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310046**

*****Data Qualifiers Codes*****

Reporting Exceptions and Qualified Data

When quality control results are outside established control limits reanalysis, including re-extraction (if applicable), is preferred. If re-analysis is not viable or desirable, then results may be qualified. Sample results associated with quality control data that exceed acceptance criteria will be qualified with an appropriate comment. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for.

Lab Qualifier	Description
B-01	The sample dilutions set-up for the analysis did not meet the oxygen depletion criteria of at least 2 mg/l dissolved oxygen depletion. Therefore the reported result is an estimated value only.
B-04	The average DO uptake of the seeded controls does not meet the method required 0.6 - 10 mg/L.
B-06	Sample is supersaturated with DO. Initial DO exceeds the method required maximum initial DO of 9 mg/L.
B-07	LCS exceeded control limits. The test can not be repeated due to method constraints. Considered to be an estimated value.
D	Data reported from a dilution and/or multiple dilutions. D2= 1/2, D5= 1/5, D10= 1/10, D20= 1/20, D50= 1/50, D100= 1/100
I, J	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J-01	Result may be biased high due to positive results in the associated method blank at a concentration above
L	Off-scale high. Actual value is known to be greater than value given.
LP-02	Less than 100 ml of sample filtered and residue range of 2.5 insufficient sample, analysis cannot be repeated.
M	Presence of material is verified but not quantified; the actual value is less than the value given. The estimated concentration is greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
PS	PS = Parent Sample. The PS sample was used as the parent sample for the analysis batch to make a Matrix Spike (MS), Matrix Spike Duplicated (MSD) and / or Laboratory Duplicate (DUP).
Q	Sample held beyond the accepted holding time. Use this code if result derived from a sample prepared or analyzed after the approved holding time.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result. There is minimal impact to the data.
QB-02	The method blank contains analyte at a concentration above the MDL and/or greater than one-half the MRL. The analyte was not detected in the sample.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte present in the sample.
QM-07	Spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QM-12	Precision between duplicate samples was outside acceptance limits.
QM-S	Surrogate recovery exceeded acceptance criteria due to the presence of a coeluting compound.
QR-04	Duplicate precision outside acceptance limits due to low analyte concentration.
QS-03	Surrogate recovery outside acceptance limits
QS-4	Surrogate recovery not calculated. Surrogate diluted out of the calibration range.
QS-6	Surrogate recovery exceeded acceptance criteria due to coelution. Matrix effect confirmed.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates the compound was analyzed for but not detected above the method detection limit.
V	Indicates the analyte was detected in both the sample and method blank.
V1	Common Laboratory Contaminant
Y	The laboratory analysis was performed on an improperly preserved sample. The result may not be accurate.

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Thank you Angellica K Rodriguez-Baz for the opportunity to be of service to you and your company, We Sincerely Appreciate Your Business.

SRL certifies these Laboratory Results were produced in accordance with NELAC Standards. Hold times and preservation requirements were met for all analytes unless specifically call noted in the report. Results relate only to the samples as received.

Southern Research Laboratories, Inc
279 Douglas Ave, Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

Item#	Lab Sample ID	Client Sample ID	Collected		Sample Matrix	Analysis Requested
			Date	Time		
1	2310037-001	SB-8@6`	10/17/23	10:10	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
2	2310037-002	SB-1@12`	10/17/23	10:45	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
3	2310037-003	SB-7@11`	10/17/23	11:15	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
4	2310037-004	SB-9@11`	10/17/23	11:40	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
5	2310037-005	SB-5@12`	10/17/23	12:05	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
6	2310037-006	SB-3@12`	10/17/23	14:45	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
7	2310037-007	SB-2@11`	10/17/23	14:15	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
8	2310037-008	SB-4@14`	10/17/23	15:10	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
9	2310037-009	SB-6@10`	10/17/23	12:20	SOILS	EPA 6010,EPA 8260,EPA 8270/PAH Low Level,FDEP FL-PRO
10	2310037-010	Trip Blank	10/17/23	8:00	AQUEOUS-Other	EPA 8260

Sherri Payne

Vice President / Quality Assurance Officer - SRL

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

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Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-8@6**
Lab Sample ID: **2310037-001**

Date Collected: **10/17/2023 10:10**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **5.8**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Anthracene (120127)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 15:30	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.08	10	mg/Kg	1	71	10/30/23 15:30	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.68	10	mg/Kg	1	87	10/30/23 15:30	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	8.77	10	mg/Kg	1	88	10/30/23 15:30	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Methylene chloride (75092)	0.006 U	mg/Kg	1	0.006	0.011	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Acetone (67641)	0.011 U	mg/Kg	1	0.011	0.044	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
2-Butanone (78933)	0.022 U	mg/Kg	1	0.022	0.089	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-

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ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodrigez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-8@6`**
Lab Sample ID: **2310037-001**

Date Collected: **10/17/2023 10:10**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **5.8**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.011	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Xylenes- Total (1330207)	0.006 U	mg/Kg	1	0.006	0.022	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.006 U	mg/Kg	1	0.006	0.011	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
Naphthalene (91203)	0.006 U	mg/Kg	1	0.006	0.011	EPA 8260	10/26/23 17:50	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 17:50	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11.3	10	mg/Kg	1	113	10/26/23 17:50	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	mg/Kg	1	104	10/26/23 17:50	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	9.8	10	mg/Kg	1	98	10/26/23 17:50	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	mg/Kg	1	99	10/26/23 17:50	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.02 U	mg/Kg	1	4.02	5.75	FDEP FL-PRO	10/30/23 13:02	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	49.1	50	mg/Kg	1	98	10/30/23 13:02	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	133.9	180	mg/Kg	1	74	10/30/23 13:02	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	2.1	mg/Kg	1	0.29	0.58	EPA 6010	10/27/23 14:32	TMA	961115	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-1@12`**
Lab Sample ID: **2310037-002**

Date Collected: **10/17/23 10:45**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **16.51**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Anthracene (120127)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 16:26	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.82	10	mg/Kg	1	78	10/30/23 16:26	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.64	10	mg/Kg	1	96	10/30/23 16:26	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	9.12	10	mg/Kg	1	91	10/30/23 16:26	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Methylene chloride (75092)	0.005 U	mg/Kg	1	0.005	0.011	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Acetone (67641)	0.011 U	mg/Kg	1	0.011	0.044	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
2-Butanone (78933)	0.022 U	mg/Kg	1	0.022	0.087	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-1@12`**
Lab Sample ID: **2310037-002**

Date Collected: **10/17/23 10:45**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **16.51**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.011	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Xylenes- Total (1330207)	0.005 U	mg/Kg	1	0.005	0.022	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.005 U	mg/Kg	1	0.005	0.011	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
Naphthalene (91203)	0.005 U	mg/Kg	1	0.005	0.011	EPA 8260	10/26/23 18:16	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:16	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.8	10	mg/Kg	1	108	10/26/23 18:16	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10	10	mg/Kg	1	100	10/26/23 18:16	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	9.6	10	mg/Kg	1	96	10/26/23 18:16	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.6	10	mg/Kg	1	96	10/26/23 18:16	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.34 U	mg/Kg	1	4.34	6.2	FDEP FL-PRO	10/30/23 13:48	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	52	50	mg/Kg	1	104	10/30/23 13:48	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	143.4	180	mg/Kg	1	80	10/30/23 13:48	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	27.2	mg/Kg	10	2.7	5.5	EPA 6010	10/30/23 12:34	AAM1	961115	- D10
Client Sample ID: SB-7@11` Lab Sample ID: 2310037-003	Date Collected: 10/17/23 11:15 Collected By: Roy L Starr					Matrix ID : SOILS %Moisture: 10.82				

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-7@11`**
Lab Sample ID: **2310037-003**

Date Collected: **10/17/23 11:15**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.82**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Anthracene (120127)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 17:22	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.31	10	mg/Kg	1	73	10/30/23 17:22	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.47	10	mg/Kg	1	95	10/30/23 17:22	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	7.82	10	mg/Kg	1	78	10/30/23 17:22	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Methylene chloride (75092)	0.005 U	mg/Kg	1	0.005	0.011	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Acetone (67641)	0.011 U	mg/Kg	1	0.011	0.042	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
2-Butanone (78933)	0.021 U	mg/Kg	1	0.021	0.085	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodrigez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-7@11`**
Lab Sample ID: **2310037-003**

Date Collected: **10/17/23 11:15**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.82**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.011	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Xylenes- Total (1330207)	0.005 U	mg/Kg	1	0.005	0.021	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.005 U	mg/Kg	1	0.005	0.011	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
Naphthalene (91203)	0.005 U	mg/Kg	1	0.005	0.011	EPA 8260	10/26/23 18:41	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 18:41	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11	10	mg/Kg	1	110	10/26/23 18:41	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.8	10	mg/Kg	1	98	10/26/23 18:41	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	8.8	10	mg/Kg	1	88	10/26/23 18:41	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	10.1	10	mg/Kg	1	101	10/26/23 18:41	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.1 U	mg/Kg	1	4.1	5.85	FDEP FL-PRO	10/30/23 14:33	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	49.1	50	mg/Kg	1	98	10/30/23 14:33	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	132.2	180	mg/Kg	1	73	10/30/23 14:33	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	8.7	mg/Kg	5	1.4	2.7	EPA 6010	10/30/23 12:37	AAM1	961115	- D5
Client Sample ID: SB-9@11` Lab Sample ID: 2310037-004	Date Collected: 10/17/23 11:40 Collected By: Roy L Starr					Matrix ID : SOILS %Moisture: 19.45				

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-9@11`**
Lab Sample ID: **2310037-004**

Date Collected: **10/17/23 11:40**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **19.45**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Anthracene (120127)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Fluoranthene (206440)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Pyrene (129000)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 18:18	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.62	10	mg/Kg	1	76	10/30/23 18:18	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.16	10	mg/Kg	1	92	10/30/23 18:18	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	8.29	10	mg/Kg	1	83	10/30/23 18:18	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Methylene chloride (75092)	0.006 U	mg/Kg	1	0.006	0.012	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Acetone (67641)	0.012 U	mg/Kg	1	0.012	0.05	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
2-Butanone (78933)	0.025 U	mg/Kg	1	0.025	0.099	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-9@11`**
Lab Sample ID: **2310037-004**

Date Collected: **10/17/23 11:40**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **19.45**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.012	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Xylenes- Total (1330207)	0.006 U	mg/Kg	1	0.006	0.025	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.006 U	mg/Kg	1	0.006	0.012	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
Naphthalene (91203)	0.006 U	mg/Kg	1	0.006	0.012	EPA 8260	10/26/23 19:07	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.006	EPA 8260	10/26/23 19:07	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11.5	10	mg/Kg	1	115	10/26/23 19:07	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.6	10	mg/Kg	1	106	10/26/23 19:07	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	9.6	10	mg/Kg	1	96	10/26/23 19:07	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	11	10	mg/Kg	1	110	10/26/23 19:07	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.52 U	mg/Kg	1	4.52	6.45	FDEP FL-PRO	10/30/23 15:19	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	50.9	50	mg/Kg	1	102	10/30/23 15:19	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	151.9	180	mg/Kg	1	84	10/30/23 15:19	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	19	mg/Kg	10	2.6	5.3	EPA 6010	10/30/23 12:41	AAM1	961115	- D10
Client Sample ID: SB-5@12` Lab Sample ID: 2310037-005	Date Collected: 10/17/23 12:05 Collected By: Roy L Starr					Matrix ID : SOILS %Moisture: 10.55				

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-5@12`**
Lab Sample ID: **2310037-005**

Date Collected: **10/17/23 12:05**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.55**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Anthracene (120127)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 19:13	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.66	10	mg/Kg	1	77	10/30/23 19:13	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.49	10	mg/Kg	1	85	10/30/23 19:13	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	7.87	10	mg/Kg	1	79	10/30/23 19:13	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Methylene chloride (75092)	0.007 U	mg/Kg	1	0.007	0.014	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Acetone (67641)	0.014 U	mg/Kg	1	0.014	0.056	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
2-Butanone (78933)	0.028 U	mg/Kg	1	0.028	0.112	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodrigez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-5@12`**
Lab Sample ID: **2310037-005**

Date Collected: **10/17/23 12:05**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.55**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.003 U	mg/Kg	1	0.003	0.014	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Xylenes- Total (1330207)	0.007 U	mg/Kg	1	0.007	0.028	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.007 U	mg/Kg	1	0.007	0.014	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
Naphthalene (91203)	0.007 U	mg/Kg	1	0.007	0.014	EPA 8260	10/26/23 19:32	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.007	EPA 8260	10/26/23 19:32	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11	10	mg/Kg	1	110	10/26/23 19:32	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.5	10	mg/Kg	1	105	10/26/23 19:32	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	8.9	10	mg/Kg	1	89	10/26/23 19:32	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	mg/Kg	1	97	10/26/23 19:32	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.1 U	mg/Kg	1	4.1	5.85	FDEP FL-PRO	10/30/23 16:04	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	44.5	50	mg/Kg	1	89	10/30/23 16:04	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	146.3	180	mg/Kg	1	81	10/30/23 16:04	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	1.5 U	mg/Kg	5	1.5	3	EPA 6010	10/30/23 15:37	TMA	961115	- D5
Client Sample ID: SB-3@12` Lab Sample ID: 2310037-006	Date Collected: 10/17/23 14:45 Collected By: Roy L Starr					Matrix ID : SOILS %Moisture: 10.09				

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-3@12`**
Lab Sample ID: **2310037-006**

Date Collected: **10/17/23 14:45**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.09**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Anthracene (120127)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 20:09	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.91	10	mg/Kg	1	79	10/30/23 20:09	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.75	10	mg/Kg	1	88	10/30/23 20:09	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	7.89	10	mg/Kg	1	79	10/30/23 20:09	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Methylene chloride (75092)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Acetone (67641)	0.01 U	mg/Kg	1	0.01	0.04	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
2-Butanone (78933)	0.02 U	mg/Kg	1	0.02	0.08	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodrigez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-3@12`**
Lab Sample ID: **2310037-006**

Date Collected: **10/17/23 14:45**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.09**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.01	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Xylenes- Total (1330207)	0.005 U	mg/Kg	1	0.005	0.02	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
Naphthalene (91203)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 19:58	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 19:58	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.8	10	mg/Kg	1	108	10/26/23 19:58	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	mg/Kg	1	101	10/26/23 19:58	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	8.9	10	mg/Kg	1	89	10/26/23 19:58	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	mg/Kg	1	97	10/26/23 19:58	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.02 U	mg/Kg	1	4.02	5.75	FDEP FL-PRO	10/30/23 16:50	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	52.9	50	mg/Kg	1	106	10/30/23 16:50	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	146	180	mg/Kg	1	81	10/30/23 16:50	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	9.5	mg/Kg	5	1.4	2.7	EPA 6010	10/30/23 12:56	AAM1	961115	- D5
Client Sample ID: SB-2@11` Lab Sample ID: 2310037-007	Date Collected: 10/17/23 14:15 Collected By: Roy L Starr					Matrix ID : SOILS %Moisture: 10.6				

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-2@11`**
Lab Sample ID: **2310037-007**

Date Collected: **10/17/23 14:15**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.6**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Anthracene (120127)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 21:05	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.17	10	mg/Kg	1	72	10/30/23 21:05	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.15	10	mg/Kg	1	82	10/30/23 21:05	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	7.88	10	mg/Kg	1	79	10/30/23 21:05	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Methylene chloride (75092)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Acetone (67641)	0.01 U	mg/Kg	1	0.01	0.04	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
2-Butanone (78933)	0.02 U	mg/Kg	1	0.02	0.08	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-2@11`**
Lab Sample ID: **2310037-007**

Date Collected: **10/17/23 14:15**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **10.6**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.01	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Xylenes- Total (1330207)	0.005 U	mg/Kg	1	0.005	0.02	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.002 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
Naphthalene (91203)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 20:23	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:23	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11.2	10	mg/Kg	1	112	10/26/23 20:23	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.9	10	mg/Kg	1	109	10/26/23 20:23	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	8.9	10	mg/Kg	1	89	10/26/23 20:23	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	mg/Kg	1	97	10/26/23 20:23	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	4.02 U	mg/Kg	1	4.02	5.75	FDEP FL-PRO	10/30/23 17:35	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	47.4	50	mg/Kg	1	95	10/30/23 17:35	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	161.6	180	mg/Kg	1	90	10/30/23 17:35	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	8.6	mg/Kg	5	1.2	2.5	EPA 6010	10/30/23 13:00	AAM1	961115	- D5
Client Sample ID: SB-4@14` Lab Sample ID: 2310037-008	Date Collected: 10/17/23 15:10 Collected By: Roy L Starr					Matrix ID : SOILS %Moisture: 8.57				

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-4@14`**
Lab Sample ID: **2310037-008**

Date Collected: **10/17/23 15:10**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **8.57**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.001 U	mg/Kg	1	0.001	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Anthracene (120127)	0.001 U	mg/Kg	1	0.001	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:02	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.45	10	mg/Kg	1	74	10/30/23 22:02	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	7.76	10	mg/Kg	1	78	10/30/23 22:02	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	7.42	10	mg/Kg	1	74	10/30/23 22:02	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Methylene chloride (75092)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Acetone (67641)	0.01 U	mg/Kg	1	0.01	0.04	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
2-Butanone (78933)	0.02 U	mg/Kg	1	0.02	0.08	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodrigez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-4@14`**
Lab Sample ID: **2310037-008**

Date Collected: **10/17/23 15:10**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **8.57**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.01	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Xylenes- Total (1330207)	0.005 U	mg/Kg	1	0.005	0.02	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
Naphthalene (91203)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 20:49	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 20:49	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	11	10	mg/Kg	1	110	10/26/23 20:49	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.6	10	mg/Kg	1	106	10/26/23 20:49	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	8.8	10	mg/Kg	1	88	10/26/23 20:49	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	mg/Kg	1	98	10/26/23 20:49	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	3.92 U	mg/Kg	1	3.92	5.6	FDEP FL-PRO	10/30/23 18:21	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	50.1	50	mg/Kg	1	100	10/30/23 18:21	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	167.9	180	mg/Kg	1	93	10/30/23 18:21	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	7.2	mg/Kg	5	1.3	2.6	EPA 6010	10/30/23 13:04	AAM1	961115	- D5
Client Sample ID: SB-6@10` Lab Sample ID: 2310037-009	Date Collected: 10/17/23 12:20 Collected By: Roy L Starr					Matrix ID : SOILS %Moisture: 11.3				

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-6@10`**
Lab Sample ID: **2310037-009**

Date Collected: **10/17/23 12:20**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **11.3**

EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
1-Methylnaphthalene (90120)	0.001 U	mg/Kg	1	0.001	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Phenanthrene (85018)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Anthracene (120127)	0.001 U	mg/Kg	1	0.001	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.004	EPA 8270/PAH	10/30/23 22:57	DAP	10302314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.34	10	mg/Kg	1	73	10/30/23 22:57	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.55	10	mg/Kg	1	86	10/30/23 22:57	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	7.29	10	mg/Kg	1	73	10/30/23 22:57	DAP	10302314MB	33-141	

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Methylene chloride (75092)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Acetone (67641)	0.01 U	mg/Kg	1	0.01	0.04	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
2-Butanone (78933)	0.02 U	mg/Kg	1	0.02	0.08	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **SB-6@10`**
Lab Sample ID: **2310037-009**

Date Collected: **10/17/23 12:20**
Collected By: **Roy L Starr**

Matrix ID : **SOILS**
%Moisture: **11.3**

EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.01	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Xylenes- Total (1330207)	0.005 U	mg/Kg	1	0.005	0.02	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,3-Dichlorobenzene (541731)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
n-Butylbenzene (104518)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Hexachlorobutadiene (87683)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
Naphthalene (91203)	0.005 U	mg/Kg	1	0.005	0.01	EPA 8260	10/26/23 21:14	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.001 U	mg/Kg	1	0.001	0.005	EPA 8260	10/26/23 21:14	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.8	10	mg/Kg	1	108	10/26/23 21:14	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.4	10	mg/Kg	1	104	10/26/23 21:14	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	8.6	10	mg/Kg	1	86	10/26/23 21:14	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	mg/Kg	1	99	10/26/23 21:14	GGL	10262314MB	70-130	

FL-PRO (Petroleum Range Organics)~{Soil}

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Total Recoverable Pet. Hydrocarbons (1935)	3.95 U	mg/Kg	1	3.95	5.65	FDEP FL-PRO	10/30/23 19:06	DAP	10302312MB	-
Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	47.3	50	mg/Kg	1	95	10/30/23 19:06	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	144.4	180	mg/Kg	1	80	10/30/23 19:06	DAP	10302312MB	60-118	

Metals by EPA 6000/7000 Series Methods

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Lead (7439921)	15.8	mg/Kg	5	1.4	2.8	EPA 6010	10/30/23 13:07	AAM1	961115	- D5
Client Sample ID: Trip Blank	Date Collected: 10/17/2023 08:00					Matrix ID : AQUEOUS-Other				
Lab Sample ID: 2310037-010	Collected By: Lab									

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **Trip Blank**
Lab Sample ID: **2310037-010**

Date Collected: **10/17/2023 08:00**
Collected By: **Lab**

Matrix ID : **AQUEOUS-Other**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Chloromethane (74873)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Vinyl chloride (75014)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Bromomethane (74839)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Chloroethane (75003)	0.5 U	ug/L	1	0.5	2	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Trichlorofluoromethane (75694)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Methylene chloride (75092)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Acetone (67641)	10 U	ug/L	1	10	10	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Bromochloromethane (74975)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Chloroform (67663)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.8 U	ug/L	1	0.8	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Benzene (71432)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Trichloroethene (79016)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Dibromomethane (74953)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Bromodichloromethane (75274)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Toluene (108883)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Tetrachloroethene (127184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Dibromochloromethane (124481)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Chlorobenzene (108907)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Ethylbenzene (100414)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Xylene, m,p- (179601231)	1 U	ug/L	1	1	2	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Xylene, o- (95476)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Xylenes- Total (1330207)	1.5 U	ug/L	1	1.5	5	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Styrene (100425)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Bromoform (75252)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Isopropylbenzene (98828)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Bromobenzene (108861)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
n-Propylbenzene (103651)	0.4 U	ug/L	1	0.4	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
t-Butylbenzene (98066)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
4-Isopropyltoluene (99876)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Analytical Results *****

Client Sample ID: **Trip Blank** Date Collected: **10/17/2023 08:00** Matrix ID : **AQUEOUS-Other**
Lab Sample ID: **2310037-010** Collected By: **Lab**

EPA Method 5030/8260B Volatile Organics in Water by GC-MS

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	Method	Analyzed Date	By	Batch	Notes
1,3-Dichlorobenzene (541731)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,4-Dichlorobenzene (106467)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
n-Butylbenzene (104518)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2-Dichlorobenzene (95501)	0.1 U	ug/L	1	0.1	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2-Dibromo-3-chloropropane (96128)	1 U	ug/L	1	1	3	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2,4-Trichlorobenzene (120821)	0.2 U	ug/L	1	0.2	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Hexachlorobutadiene (87683)	2 U	ug/L	1	2	3	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
Naphthalene (91203)	2 U	ug/L	1	2	5	EPA 8260	10/26/23 17:25	GGL	10262314MB	-
1,2,3-Trichlorobenzene (87616)	0.5 U	ug/L	1	0.5	1	EPA 8260	10/26/23 17:25	GGL	10262314MB	-

Surrogates	Result	SPK	Units	DF	%Rec	Analyzed Date	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.8	10	ug/L	1	108	10/26/23 17:25	GGL	10262314MB	30-170	
1,2-Dichloroethane-d4 (DEP-SURR-002)	10.1	10	ug/L	1	101	10/26/23 17:25	GGL	10262314MB	30-170	
Toluene-d8 (DEP-SURR-038)	8.9	10	ug/L	1	89	10/26/23 17:25	GGL	10262314MB	30-170	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/L	1	97	10/26/23 17:25	GGL	10262314MB	30-170	

***** Detection Summary : *****

Client Sample ID: **SB-8@6'** Date Collected: **10/17/2023 10:10** Matrix ID : **SOILS**
Lab Sample ID: **2310037-001** Collected By: **Roy L Starr**

Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	2.1	mg/Kg	1	0.29	0.58	10/27/23 14:32	TMA	961115	EPA 6010
Client Sample ID: SB-1@12' Date Collected: 10/17/23 10:45 Matrix ID : SOILS Lab Sample ID: 2310037-002 Collected By: Roy L Starr									
Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	27.2	mg/Kg	10	2.7	5.5	10/30/23 12:34	AM1	961115	EPA 6010
Client Sample ID: SB-7@11' Date Collected: 10/17/23 11:15 Matrix ID : SOILS Lab Sample ID: 2310037-003 Collected By: Roy L Starr									
Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	8.7	mg/Kg	5	1.4	2.7	10/30/23 12:37	AM1	961115	EPA 6010
Client Sample ID: SB-9@11' Date Collected: 10/17/23 11:40 Matrix ID : SOILS Lab Sample ID: 2310037-004 Collected By: Roy L Starr									
Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	19	mg/Kg	10	2.6	5.3	10/30/23 12:41	AM1	961115	EPA 6010
Client Sample ID: SB-3@12' Date Collected: 10/17/23 14:45 Matrix ID : SOILS Lab Sample ID: 2310037-006 Collected By: Roy L Starr									
Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	9.5	mg/Kg	5	1.4	2.7	10/30/23 12:56	AM1	961115	EPA 6010
Client Sample ID: SB-2@11' Date Collected: 10/17/23 14:15 Matrix ID : SOILS Lab Sample ID: 2310037-007 Collected By: Roy L Starr									
Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	8.6	mg/Kg	5	1.2	2.5	10/30/23 13:00	AM1	961115	EPA 6010
1,2,4-Trimethylbenzene (95636)	0.002 I	mg/Kg	1	0.001	0.005	10/26/23 20:23	GGL	10262314MB	EPA 8260
Client Sample ID: SB-4@14' Date Collected: 10/17/23 15:10 Matrix ID : SOILS Lab Sample ID: 2310037-008 Collected By: Roy L Starr									
Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	7.2	mg/Kg	5	1.3	2.6	10/30/23 13:04	AM1	961115	EPA 6010

Southern Research Laboratories, Inc
279 Douglas Ave, Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

Client Sample ID: SB-6@10'		Date Collected: 10/17/23 12:20				Matrix ID : SOILS			
Lab Sample ID: 2310037-009		Collected By: Roy L Starr							
Analyte Name (Analyte ID)	Results/Qualifier	Units	DF	MDL	PQL	Date Analyzed	By	Batch ID	Method
Lead (7439921)	15.8	mg/Kg	5	1.4	2.8	10/30/23 13:07	UAM1	961115	EPA 6010

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Quality Control : *****

Method Blank(MB) EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Client Sample ID: **Method Blank-1** Sampled: 10/26/23 14:52 Analyzed: 10/26/23 14:52 Matrix ID : **SOILS**
Lab Sample ID: **2310037-011** Prep: 10/26/23 14:52 %Moisture:

EPA 8260

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Dichlorodifluoromethane (75718)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Chloromethane (74873)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Vinyl chloride (75014)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Bromomethane (74839)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Chloroethane (75003)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Trichlorofluoromethane (75694)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,1-Dichloroethene (75354)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Methylene chloride (75092)	0.005 U	mg/Kg	1	0.005	0.01	GGL	10262314MB	-
trans-1,2-Dichloroethene (156605)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Acetone (67641)	0.01 U	mg/Kg	1	0.01	0.04	GGL	10262314MB	-
Methyl-t-butyl ether (1634044)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,1-Dichloroethane (75343)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
cis-1,2-Dichloroethene (156592)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
2,2-Dichloropropane (594207)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Bromochloromethane (74975)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Chloroform (67663)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Carbon tetrachloride (56235)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,1,1-Trichloroethane (71556)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,1-Dichloropropene (563586)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Benzene (71432)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,2-Dichloroethane (107062)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
2-Butanone (78933)	0.02 U	mg/Kg	1	0.02	0.08	GGL	10262314MB	-
Trichloroethene (79016)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Dibromomethane (74953)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,2-Dichloropropane (78875)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Bromodichloromethane (75274)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
cis-1,3-Dichloropropene (10061015)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Toluene (108883)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Tetrachloroethene (127184)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
trans-1,3-Dichloropropene (10061026)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,1,2-Trichloroethane (79005)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Dibromochloromethane (124481)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,3-Dichloropropane (142289)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,2-Dibromoethane (106934)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Chlorobenzene (108907)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Ethylbenzene (100414)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,1,1,2-Tetrachloroethane (630206)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Xylene, m,p- (179601231)	0.002 U	mg/Kg	1	0.002	0.01	GGL	10262314MB	-
Xylene, o- (95476)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Xylenes- Total (1330207)	0.005 U	mg/Kg	1	0.005	0.02	GGL	10262314MB	-
Styrene (100425)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Bromoform (75252)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Isopropylbenzene (98828)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
Bromobenzene (108861)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
n-Propylbenzene (103651)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,1,2,2-Tetrachloroethane (79345)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
2-Chlorotoluene (95498)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,2,3-Trichloropropane (96184)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,3,5-Trimethylbenzene (108678)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
4-Chlorotoluene (106434)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
t-Butylbenzene (98066)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
1,2,4-Trimethylbenzene (95636)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-
sec-Butylbenzene (135988)	0.001 U	mg/Kg	1	0.001	0.005	GGL	10262314MB	-

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Quality Control : *****

Method Blank(MB) EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Client Sample ID: **Method Blank-1** Sampled: 10/26/23 14:52 Analyzed: 10/26/23 14:52 Matrix ID : **SOILS**
Lab Sample ID: **2310037-011** Prep: 10/26/23 14:52 %Moisture:

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL	By	Batch	Notes	
4-Isopropyltoluene (99876)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
1,3-Dichlorobenzene (541731)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
1,4-Dichlorobenzene (106467)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
n-Butylbenzene (104518)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
1,2-Dichlorobenzene (95501)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
1,2-Dibromo-3-chloropropane (96128)	0.005 U		mg/Kg	1	0.005	0.01	GGL	10262314MB	-	
1,2,4-Trichlorobenzene (120821)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
Hexachlorobutadiene (87683)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
Naphthalene (91203)	0.005 U		mg/Kg	1	0.005	0.01	GGL	10262314MB	-	
1,2,3-Trichlorobenzene (87616)	0.001 U		mg/Kg	1	0.001	0.005	GGL	10262314MB	-	
Surrogates	Result	SPK	Units	DF		%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.8	10	mg/Kg	1		108	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.9	10	mg/Kg	1		99	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	9.1	10	mg/Kg	1		91	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.8	10	mg/Kg	1		98	GGL	10262314MB	70-130	

Laboratory Control Standard(LCS) EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Client Sample ID: **LCS-1** Sampled: 10/26/23 14:52 Analyzed: 10/26/23 15:17 Matrix ID : **SOILS**
Lab Sample ID: **2310037-012** Prep: 10/26/23 14:52 %Moisture:

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
1,1-Dichloroethene (75354)	20.2	25	ug/Kg	1	1	5	81	GGL	10262314MB	30-170	
trans-1,2-Dichloroethene (156605)	21.2	25	ug/Kg	1	1	5	85	GGL	10262314MB	30-170	
Chloroform (67663)	22.1	25	ug/Kg	1	1	5	88	GGL	10262314MB	30-170	
Benzene (71432)	20.1	25	ug/Kg	1	1	5	80	GGL	10262314MB	30-170	
Trichloroethene (79016)	25.5	25	ug/Kg	1	1	5	102	GGL	10262314MB	30-170	
1,2-Dichloropropane (78875)	20.1	25	ug/Kg	1	1	5	80	GGL	10262314MB	30-170	
Toluene (108883)	20.2	25	ug/Kg	1	1	5	81	GGL	10262314MB	30-170	
Tetrachloroethene (127184)	22.6	25	ug/Kg	1	1	5	90	GGL	10262314MB	30-170	
Chlorobenzene (108907)	20.7	25	ug/Kg	1	1	5	83	GGL	10262314MB	30-170	
Ethylbenzene (100414)	21.9	25	ug/Kg	1	1	5	88	GGL	10262314MB	30-170	
Xylene, o- (95476)	22.9	25	ug/Kg	1	1	5	92	GGL	10262314MB	30-170	
Surrogates	Result	SPK	Units	DF			%Rec	By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.4	10	ug/Kg	1			104	GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	8.9	10	ug/Kg	1			89	GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	9.2	10	ug/Kg	1			92	GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.7	10	ug/Kg	1			97	GGL	10262314MB	70-130	

Laboratory Control Standard Dup(LCSD) EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Client Sample ID: **LCSD-1** Sampled: 10/26/23 14:52 Analyzed: 10/26/23 22:31 Matrix ID : **SOILS**
Lab Sample ID: **2310037-013** Prep: 10/26/23 14:52 %Moisture:

EPA 8260

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
1,1-Dichloroethene (75354)	21.4	25	ug/Kg	1	1	5	6	86		GGL	10262314MB	30-170	
trans-1,2-Dichloroethene (156605)	21.3	25	ug/Kg	1	1	5	0	85		GGL	10262314MB	30-170	
Chloroform (67663)	23.5	25	ug/Kg	1	1	5	6	94		GGL	10262314MB	30-170	
Benzene (71432)	21.4	25	ug/Kg	1	1	5	6	86		GGL	10262314MB	30-170	
Trichloroethene (79016)	26.1	25	ug/Kg	1	1	5	2	104		GGL	10262314MB	30-170	
1,2-Dichloropropane (78875)	20.6	25	ug/Kg	1	1	5	2	82		GGL	10262314MB	30-170	
Toluene (108883)	20.5	25	ug/Kg	1	1	5	1	82		GGL	10262314MB	30-170	

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Quality Control : *****

Laboratory Control Standard Dup(LCSD) EPA Method 5035/8260B VOC Compounds in Soil by GC-MS

Client Sample ID: **LCSD-1** Sampled: 10/26/23 14:52 Analyzed: 10/26/23 22:31 Matrix ID : **SOILS**
Lab Sample ID: **2310037-013** Prep: 10/26/23 14:52 %Moisture:

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Tetrachloroethene (127184)	21.6	25	ug/Kg	1	1	5	5	86		GGL	10262314MB	30-170	
Chlorobenzene (108907)	21.7	25	ug/Kg	1	1	5	5	87		GGL	10262314MB	30-170	
Ethylbenzene (100414)	21.7	25	ug/Kg	1	1	5	1	87		GGL	10262314MB	30-170	
Xylene, o- (95476)	23.4	25	ug/Kg	1	1	5	2	94		GGL	10262314MB	30-170	
Surrogates	Result	SPK	Units	DF				%Rec		By	Batch	%Limits	Notes
Dibromofluoromethane (DEP-SURR-047)	10.9	10	ug/Kg	1				109		GGL	10262314MB	40-147	
1,2-Dichloroethane-d4 (DEP-SURR-002)	9.6	10	ug/Kg	1				96		GGL	10262314MB	70-130	
Toluene-d8 (DEP-SURR-038)	9.2	10	ug/Kg	1				92		GGL	10262314MB	70-130	
4-Bromofluorobenzene (DEP-SURR-019)	9.9	10	ug/Kg	1				99		GGL	10262314MB	70-130	

Method Blank(MB) FL-PRO (Petroleum Range Organics)~{Soil}

Client Sample ID: **Method Blank-1** Sampled: 10/24/23 16:00 Analyzed: 10/30/23 12:17 Matrix ID : **SOILS**
Lab Sample ID: **2310037-014** Prep: 10/24/23 16:00 %Moisture:

FDEP FL-PRO

Analyte Name (Analyte ID)	Results/Qual		Units	DF	MDL	PQL	By	Batch	Notes	
Total Recoverable Pet. Hydrocarbons (1935)	3.5 U		mg/Kg	1	3.5	5	DAP	10302312MB	-	
Surrogates	Result	SPK	Units	DF		%Rec	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	47.2	50	mg/Kg	1		94	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	141.2	180	mg/Kg	1		78	DAP	10302312MB	60-118	

Laboratory Control Standard(LCS) FL-PRO (Petroleum Range Organics)~{Soil}

Client Sample ID: **LCS-1** Sampled: 10/24/23 16:00 Analyzed: 10/30/23 20:37 Matrix ID : **SOILS**
Lab Sample ID: **2310037-015** Prep: 10/24/23 16:00 %Moisture:

FDEP FL-PRO

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Total Recoverable Pet. Hydrocarbons (1935)	36	48	mg/Kg	1	3.5	5	75	3.5 U	DAP	10302312MB	63-153
Surrogates	Result	SPK	Units	DF			%Rec	By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	50.7	50	mg/Kg	1			101	DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	158.7	180	mg/Kg	1			88	DAP	10302312MB	60-118	

Laboratory Control Standard Dup(LCSD) FL-PRO (Petroleum Range Organics)~{Soil}

Client Sample ID: **LCSD-1** Sampled: 10/24/23 16:00 Analyzed: 10/30/23 21:18 Matrix ID : **SOILS**
Lab Sample ID: **2310037-016** Prep: 10/24/23 16:00 %Moisture:

FDEP FL-PRO

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Total Recoverable Pet. Hydrocarbons (1935)	38.9	48	mg/Kg	1	3.5	5	8	81	3.5 U	DAP	10302312MB	63-153	
Surrogates	Result	SPK	Units	DF				%Rec		By	Batch	%Limits	Notes
Ortho-terphenyl (DEP-SURR-030)	50.7	50	mg/Kg	1				101		DAP	10302312MB	62-109	
Nonatriacontane(C39) (DEP-SURR-054)	160.1	180	mg/Kg	1				89		DAP	10302312MB	60-118	

Method Blank(MB) EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Client Sample ID: **Method Blank-1** Sampled: 10/24/23 16:00 Analyzed: 10/30/23 14:34 Matrix ID : **SOILS**
Lab Sample ID: **2310037-017** Prep: 10/24/23 16:00 %Moisture:

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Quality Control : *****

Method Blank(MB) EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Client Sample ID: **Method Blank-1** Sampled: 10/24/23 16:00 Analyzed: 10/30/23 14:34 Matrix ID : **SOILS**

Lab Sample ID: **2310037-017** Prep: 10/24/23 16:00 %Moisture:

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes	
Naphthalene (91203)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
2-Methylnaphthalene (91576)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
1-Methylnaphthalene (90120)	0.001 U	mg/Kg	1	0.001	0.003	DAP	10302314MB	-	
Acenaphthylene (208968)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Acenaphthene (83329)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Fluorene (86737)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Phenanthrene (85018)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Anthracene (120127)	0.001 U	mg/Kg	1	0.001	0.003	DAP	10302314MB	-	
Fluoranthene (206440)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Pyrene (129000)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Benzo(a)anthracene (56553)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Chrysene (218019)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Benzo(b)fluoranthene (205992)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Benzo(k)fluoranthene (207089)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Benzo(a)pyrene (50328)	0.002 U	mg/Kg	1	0.002	0.003	DAP	10302314MB	-	
Indeno(1,2,3-cd)pyrene (193395)	0.003 U	mg/Kg	1	0.003	0.003	DAP	10302314MB	-	
Dibenzo(a,h)anthracene (53703)	0.003 U	mg/Kg	1	0.003	0.003	DAP	10302314MB	-	
Benzo(g,h,i)perylene (191242)	0.003 U	mg/Kg	1	0.003	0.003	DAP	10302314MB	-	
Surrogates	Result	SPK	Units	DF	%Rec	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.18	10	mg/Kg	1	72	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	10.1	10	mg/Kg	1	101	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	8.7	10	mg/Kg	1	87	DAP	10302314MB	33-141	

Laboratory Control Standard(LCS) EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Client Sample ID: **LCS-1** Sampled: 10/24/23 16:00 Analyzed: 10/31/23 00:49 Matrix ID : **SOILS**

Lab Sample ID: **2310037-018** Prep: 10/24/23 16:00 %Moisture:

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Naphthalene (91203)	185	200	ug/Kg	1	1.65	3.3	92	DAP	10302314MB	30-170	
2-Methylnaphthalene (91576)	172	200	ug/Kg	1	1.65	3.3	86	DAP	10302314MB	30-170	
1-Methylnaphthalene (90120)	176	200	ug/Kg	1	1.32	3.3	88	DAP	10302314MB	30-170	
Acenaphthylene (208968)	173	200	ug/Kg	1	1.65	3.3	86	DAP	10302314MB	30-170	
Acenaphthene (83329)	203	200	ug/Kg	1	1.65	3.3	101	DAP	10302314MB	30-170	
Fluorene (86737)	174	200	ug/Kg	1	1.65	3.3	87	DAP	10302314MB	30-170	
Phenanthrene (85018)	176	200	ug/Kg	1	2.31	3.3	88	DAP	10302314MB	30-170	
Anthracene (120127)	199	200	ug/Kg	1	1.32	3.3	100	DAP	10302314MB	30-170	
Fluoranthene (206440)	163	200	ug/Kg	1	1.98	3.3	82	DAP	10302314MB	30-170	
Pyrene (129000)	171	200	ug/Kg	1	1.98	3.3	86	DAP	10302314MB	30-170	
Benzo(a)anthracene (56553)	168	200	ug/Kg	1	1.65	3.3	84	DAP	10302314MB	30-170	
Chrysene (218019)	188	200	ug/Kg	1	1.65	3.3	94	DAP	10302314MB	30-170	
Benzo(b)fluoranthene (205992)	176	200	ug/Kg	1	1.98	3.3	88	DAP	10302314MB	30-170	
Benzo(k)fluoranthene (207089)	173	200	ug/Kg	1	1.98	3.3	86	DAP	10302314MB	30-170	
Benzo(a)pyrene (50328)	167	200	ug/Kg	1	1.98	3.3	84	DAP	10302314MB	30-170	
Indeno(1,2,3-cd)pyrene (193395)	190	200	ug/Kg	1	2.64	3.3	95	DAP	10302314MB	30-170	
Dibenzo(a,h)anthracene (53703)	186	200	ug/Kg	1	2.64	3.3	93	DAP	10302314MB	30-170	
Benzo(g,h,i)perylene (191242)	192	200	ug/Kg	1	2.64	3.3	96	DAP	10302314MB	30-170	
Surrogates	Result	SPK	Units	DF			%Rec	By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	8.89	10	ug/Kg	1			89	DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	9.26	10	ug/Kg	1			93	DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	8.84	10	ug/Kg	1			88	DAP	10302314MB	33-141	

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Quality Control : *****

Laboratory Control Standard Dup(LCSD) EPA Method 3550/8270C Polynuclear Aromatic Hydrocarbon Compounds in Soil by GC-MS (SIM)

Client Sample ID: **LCSD-1** Sampled: 10/24/23 16:00 Analyzed: 10/31/23 01:45 Matrix ID : **SOILS**

Lab Sample ID: **2310037-019** Prep: 10/24/23 16:00 %Moisture:

EPA 8270/PAH Low Level

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Naphthalene (91203)	206	200	ug/Kg	1	1.65	3.3	11	103		DAP	10302314MB	30-170	
2-Methylnaphthalene (91576)	171	200	ug/Kg	1	1.65	3.3	1	86		DAP	10302314MB	30-170	
1-Methylnaphthalene (90120)	194	200	ug/Kg	1	1.32	3.3	10	97		DAP	10302314MB	30-170	
Acenaphthylene (208968)	188	200	ug/Kg	1	1.65	3.3	8	94		DAP	10302314MB	30-170	
Acenaphthene (83329)	186	200	ug/Kg	1	1.65	3.3	9	93		DAP	10302314MB	30-170	
Fluorene (86737)	183	200	ug/Kg	1	1.65	3.3	5	92		DAP	10302314MB	30-170	
Phenanthrene (85018)	177	200	ug/Kg	1	2.31	3.3	1	88		DAP	10302314MB	30-170	
Anthracene (120127)	185	200	ug/Kg	1	1.32	3.3	7	92		DAP	10302314MB	30-170	
Fluoranthene (206440)	168	200	ug/Kg	1	1.98	3.3	3	84		DAP	10302314MB	30-170	
Pyrene (129000)	182	200	ug/Kg	1	1.98	3.3	6	91		DAP	10302314MB	30-170	
Benzo(a)anthracene (56553)	192	200	ug/Kg	1	1.65	3.3	13	96		DAP	10302314MB	30-170	
Chrysene (218019)	193	200	ug/Kg	1	1.65	3.3	3	96		DAP	10302314MB	30-170	
Benzo(b)fluoranthene (205992)	160	200	ug/Kg	1	1.98	3.3	10	80		DAP	10302314MB	30-170	
Benzo(k)fluoranthene (207089)	168	200	ug/Kg	1	1.98	3.3	3	84		DAP	10302314MB	30-170	
Benzo(a)pyrene (50328)	178	200	ug/Kg	1	1.98	3.3	6	89		DAP	10302314MB	30-170	
Indeno(1,2,3-cd)pyrene (193395)	175	200	ug/Kg	1	2.64	3.3	8	88		DAP	10302314MB	30-170	
Dibenzo(a,h)anthracene (53703)	179	200	ug/Kg	1	2.64	3.3	4	90		DAP	10302314MB	30-170	
Benzo(g,h,i)perylene (191242)	174	200	ug/Kg	1	2.64	3.3	10	87		DAP	10302314MB	30-170	
Surrogates	Result	SPK	Units	DF				%Rec		By	Batch	%Limits	Notes
Nitrobenzene-d5 (DEP-SURR-028)	7.54	10	ug/Kg	1				75		DAP	10302314MB	30-150	
2-Fluorobiphenyl (DEP-SURR-016)	8.94	10	ug/Kg	1				89		DAP	10302314MB	30-150	
p-Terphenyl-d14 (DEP-SURR-034)	7.41	10	ug/Kg	1				74		DAP	10302314MB	33-141	

QC Batch Parent Sample(PS) Metals by EPA 6000/7000 Series Methods

Client Sample ID: **35836547001** Sampled: 10/18/23 09:30 Analyzed: 10/27/23 12:35 Matrix ID : **SOILS**

Lab Sample ID: **2310037-020** Prep: 10/25/23 23:47 %Moisture: **35.5**

EPA 6010

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Lead (7439921)	6.2	mg/Kg	1	6.2	0.91		6.2	AAM 961115 -

Method Blank(MB) Metals by EPA 6000/7000 Series Methods

Client Sample ID: **Method Blank-1** Sampled: 10/25/23 23:47 Analyzed: 10/27/23 14:59 Matrix ID : **SOILS**

Lab Sample ID: **2310037-021** Prep: 10/25/23 23:47 %Moisture:

EPA 6010

Analyte Name (Analyte ID)	Results/Qual	Units	DF	MDL	PQL	By	Batch	Notes
Lead (7439921)	1.5 U	mg/Kg	1	0.23	0.45		AAM 961115 -	

Laboratory Control Standard(LCS) Metals by EPA 6000/7000 Series Methods

Client Sample ID: **LCS-1** Sampled: 10/25/23 23:47 Analyzed: 10/27/23 12:31 Matrix ID : **SOILS**

Lab Sample ID: **2310037-022** Prep: 10/25/23 23:47 %Moisture:

EPA 6010

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	By	Batch	%Limits	Notes
Lead (7439921)	1.5	13	mg/Kg	1	13.3	0.52	103	AAM	961115	80-120	

Southern Research Laboratories, Inc
279 Douglas Ave, Suite 1110
Altamonte Springs, Florida 32714
(407) 522-7100 / Fax (407) 522-7043

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

***** Quality Control : *****

Matrix Spike(MS) Metals by EPA 6000/7000 Series Methods

Client Sample ID: **35836547001 MS** Sampled: 10/18/23 09:30 Analyzed: 10/27/23 12:39 Matrix ID : **SOILS**
Lab Sample ID: **2310037-023** Prep: 10/25/23 23:47 %Moisture: **35.5**

EPA 6010

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%Rec	Source	By	Batch	%Limits	Notes
Lead (7439921)	6.2	23.6	mg/Kg	1	28.7	0.94	96	6.2	AAM	961115	75-125	

Matrix Spike Dup(MSD) Metals by EPA 6000/7000 Series Methods

Client Sample ID: **35836547001 MSD** Sampled: 10/18/23 09:30 Analyzed: 10/27/23 12:46 Matrix ID : **SOILS**
Lab Sample ID: **2310037-024** Prep: 10/25/23 23:47 %Moisture: **35.5**

EPA 6010

Analyte Name (Analyte ID)	Result	SPK	Units	DF	MDL	PQL	%RPD	%Rec	Source	By	Batch	%Limits	Notes
Lead (7439921)	6.2	21.5	mg/Kg	1	27.9	0.86	3	101	6.2	AAM	961115	75-125	

ANALYTICAL REPORT

For Project:
ACRES- 239359

NELAP Certified
FDOH # : **E83484**
Lab Received Date : **10/18/23 12:43**

Company Name: **Terracon-Jax**
Client's Name: **Angellica K Rodriguez-Baz**
Client's Address: **8001 Baymeadows Way, Suite 1**
City: **Jacksonville**
State: **FL** Zip: **32256**

Facility ID:
Project Location: **Florida**
Client's Phone: **904-900-6489**
Client's Project Number: **NA**
Lab Reporting Batch ID: **2310037**

*****Data Qualifiers Codes*****

Reporting Exceptions and Qualified Data

When quality control results are outside established control limits reanalysis, including re-extraction (if applicable), is preferred. If re-analysis is not viable or desirable, then results may be qualified. Sample results associated with quality control data that exceed acceptance criteria will be qualified with an appropriate comment. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for.

Lab Qualifier	Description
B-01	The sample dilutions set-up for the analysis did not meet the oxygen depletion criteria of at least 2 mg/l dissolved oxygen depletion. Therefore the reported result is an estimated value only.
B-04	The average DO uptake of the seeded controls does not meet the method required 0.6 - 10 mg/L.
B-06	Sample is supersaturated with DO. Initial DO exceeds the method required maximum initial DO of 9 mg/L.
B-07	LCS exceeded control limits. The test can not be repeated due to method constraints. Considered to be an estimated value.
D	Data reported from a dilution and/or multiple dilutions. D2= 1/2, D5= 1/5, D10= 1/10, D20= 1/20, D50= 1/50, D100= 1/100
I, J	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J-01	Result may be biased high due to positive results in the associated method blank at a concentration above
L	Off-scale high. Actual value is known to be greater than value given.
LP-02	Less than 100 ml of sample filtered and residue range of 2.5 insufficient sample, analysis cannot be repeated.
M	Presence of material is verified but not quantified; the actual value is less than the value given. The estimated concentration is greater than the MDL.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
PS	PS = Parent Sample. The PS sample was used as the parent sample for the analysis batch to make a Matrix Spike (MS), Matrix Spike Duplicated (MSD) and / or Laboratory Duplicate (DUP).
Q	Sample held beyond the accepted holding time. Use this code if result derived from a sample prepared or analyzed after the approved holding time.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result. There is minimal impact to the data.
QB-02	The method blank contains analyte at a concentration above the MDL and/or greater than one-half the MRL. The analyte was not detected in the sample.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, there is no impact.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte present in the sample.
QM-07	Spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QM-12	Precision between duplicate samples was outside acceptance limits.
QM-S	Surrogate recovery exceeded acceptance criteria due to the presence of a coeluting compound.
QR-04	Duplicate precision outside acceptance limits due to low analyte concentration.
QS-03	Surrogate recovery outside acceptance limits
QS-4	Surrogate recovery not calculated. Surrogate diluted out of the calibration range.
QS-6	Surrogate recovery exceeded acceptance criteria due to coelution. Matrix effect confirmed.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, there is no impact.
R-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes only and shall not be used in statistical analysis.
U	Indicates the compound was analyzed for but not detected above the method detection limit.
V	Indicates the analyte was detected in both the sample and method blank.
V1	Common Laboratory Contaminant
Y	The laboratory analysis was performed on an improperly preserved sample. The result may not be accurate.

Chain of Custody

2310037

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Page 1 of 1

Project Manager: Angellica K. Rodriguez-Haz		 Southern Research Laboratories, Inc. 279 Douglas Ave., Suite #1110 Altamonte Springs, FL 32714		2310037 10																																																									
Company: Terracon		Project Name: ACRES 239359		Project Location: 1317 N Magnolia Ave & 23 NE 13th St																																																									
Address: 8001 Baymeadows Way, Suite 1																																																													
City, State, Zip: Jacksonville, FL 32256																																																													
Phone: 1-904-900-6489		Fax: 1-904-268-5255		Main (407) 522-7100 Fax: (407) 522-7043																																																									
Sampled by [Print Name(s)] / Affiliation: Roy L. Starr / TERRACON					Project Number: 0 1 X																																																								
Sampler(s) Signature(s): [Signature]					Analyses Requested 0 1 X 9260 Pb 92 TO PAH / 1740																																																								
Sample Identification <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Date:</th> <th>Time:</th> <th>Grab or Composite</th> <th>Matrix: (see codes)</th> <th>Total Number of Containers</th> </tr> </thead> <tbody> <tr><td>1</td><td>SB-8 @ 6'</td><td>10/17/23 1010</td><td>G</td><td>SO</td><td>5</td></tr> <tr><td>2</td><td>SB-1 @ 12'</td><td>10/17/23 1045</td><td rowspan="9" style="font-size: 3em; vertical-align: middle;">}</td><td>SO</td><td>5</td></tr> <tr><td>3</td><td>SB-7 @ 11'</td><td>10/17/23 1115</td><td>SO</td><td>5</td></tr> <tr><td>4</td><td>SB-9 @ 11'</td><td>10/17/23 1140</td><td>SO</td><td>5</td></tr> <tr><td>5</td><td>SB-5 @ 12'</td><td>10/17/23 1205</td><td>SO</td><td>5</td></tr> <tr><td>6</td><td>SB-3 @ 12'</td><td>10/17/23 1445</td><td>SO</td><td>5</td></tr> <tr><td>7</td><td>SB-2 @ 11'</td><td>10/17/23 1415</td><td>SO</td><td>5</td></tr> <tr><td>8</td><td>SB-4 @ 14'</td><td>10/17/23 1510</td><td>SO</td><td>5</td></tr> <tr><td>9</td><td>SB-6 @ 10'</td><td>10/17/23 1220</td><td>SO</td><td>5</td></tr> <tr><td>10</td><td>Trip Blank</td><td>10/17/23 800</td><td>W</td><td>2</td></tr> </tbody> </table>			Date:	Time:	Grab or Composite	Matrix: (see codes)	Total Number of Containers	1	SB-8 @ 6'	10/17/23 1010	G	SO	5	2	SB-1 @ 12'	10/17/23 1045	}	SO	5	3	SB-7 @ 11'	10/17/23 1115	SO	5	4	SB-9 @ 11'	10/17/23 1140	SO	5	5	SB-5 @ 12'	10/17/23 1205	SO	5	6	SB-3 @ 12'	10/17/23 1445	SO	5	7	SB-2 @ 11'	10/17/23 1415	SO	5	8	SB-4 @ 14'	10/17/23 1510	SO	5	9	SB-6 @ 10'	10/17/23 1220	SO	5	10	Trip Blank	10/17/23 800	W	2	REQUESTED DUE DATE: 23.10037-001	
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		Facility ID#:		Petroleum Restoration Program ___ yes ___ no																																																									
Shipment Method: Out: / / Via:		Relinquished by: Helen Turner		Date: Time: 10-10-23 11:38																																																									
Returned: / / Via:		Helen Turner		Date: Time: 10/18/23 12:45																																																									
Additional Comments: 		via UPS RS																																																											
Cooler No.(s) / Temperature(s) (°C): X306 X950		Sampling Kit No.: 9767		Equipment ID No.:																																																									
Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water(Blanks) HW = Potential Haz Waste O = Other(Specify: _____)																																																													
Preservative Codes: H = Hydrochloric Acid & Ice I = Ice Only N = Nitric Acid & Ice S = Sulfuric Acid & Ice X = Sodium Hydroxide & Ice O = Other(Specify) Methanol / DI																																																													